

Switches



#09022

Net Price: 7 11 USD Unit: pcs



#09110

Net Price: 6 93 USD Unit: pcs



#09129

Net Price: 32 90 USD Unit: pcs

# Unmanaged switch, 5x 10/100 RJ-45, desktop (TP-Link LS1005)

- 5× 10/100Mbps Auto-Negotiation RJ45 ports, supporting Auto-MDI/MDIX
  - Green Ethernet technology saves power consumption
- IEEE 802.3X flow control provides reliable data transfer Plastic casing and desktop design
- Plug and play, no configuration required
- Fanless design ensures guiet operation

Standards: IEEE 802.3/i/u/x Copper ports: 5x 10/100 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure Packet flow control: Flow-Control, Back-Pressure Housing / case type: desktop, plastic Dimensions: 3,3 × 1,8 × 0,9 in (83,6 × 45,7 × 22,8 mm) Operating temperature: 0°C + 40°C Storage Temperature: 40°C + 70°C Operating humidity: 10% + 90%, non-condensing Power: external 5V DC 0.6A, ~230V AC Max Power Consumption: 1.65W Max Heat Dissipation: 5.627 Btu/hr Certificates:CE, FCC, RoHS Warranty period: 2 years Manufacturer: TP-Link

# Unmanaged switch, 5x 10/100 RJ-45, desktop (TP-Link Mercusys MS105)

- Five 10/100Mbps auto-negotiation RJ45 ports with auto MDI/MDIX supported
  - Easily wired network expansion

- Compact design for flexible arrangement
   Plug and play setup, no configuration required

Standards: IEEE 802.3/u/x
Copper ports: 5x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Data Rates: 10/100Mbps at half duplex, 20/200Mbps at full duplex Buffer Capacity: 768Kb Buffer Capacity: 768Kb
Jumbo Frame: 2KB
Switching Capacity: 1Gbps
LED: Ethernet (1, 2, 3, 4, 5), Power
Housing / case type: desktop, plastic
Dimensions: 82 x 49 x 21 mm
Operating temperature: -40°C + 40°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 5V DC 0.6A, ~230V AC
Certificates: CE, RoHS

### Unmanaged switch, 5x 10/100 RJ-45, PoE, desktop (TP-Link TL-SF1005LP)

- 5× 10/100 Mbps RJ45 ports
- 4× PoE ports transfer data and power on individual cables
   Works with IEEE 802.3af compliant PDs
- Up to 250 m data and power transmitting range under Extend Mode\*
- Priority Mode ensures high priority of ports 1-2 to guarantee the quality of sensitive application
- Supports PoE Power up to 41 W for all PoE ports\*
- Plug and play with no configuration required

Copper ports: 5x 10/100 Mbps RJ-45
Standard: 802.3af compliant
PoE Ports: Port1- Port4
Power Supply: 41W
Switching Capacity: 1Gbps
Packet Forwarding Rate: 0.744 Mpps
Mac Address Table: 2K
Jumbo Frame: 2 KB
Software features Software features
Advanced Features: Compatible With IEEE 802.3af
Compliant PDs, Priority Function, Mac Address Auto-Learning
And Auto-Aging, IEEE802.3x Flow Control For Full-Duplex
Mode And Backpressure For Half-Duplex Mode
Transfer Method: Store-And-Forward
Dimensions: 3.9 x 3.9 x 1.0 in. (100 x 98 x 25 mm)
Operating Temperature: 0°C-40°C (32°F-104°F)
Storage Temperature: -40°C-70°C (-40°F-158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Power: External Power Adapter(Output 53.5 V DC / 0.81 A)
Power Consumption: 1.9W (max. no PD connected), 47W
(max. with 41w PD connected) Software features (max. with 41w PD connected)
Max Heat Dissipation: 6.48BTU/h(no PD connected),
160.27BTU/h(with 58W PD connected) Certificates:CE, FCC, RoHS Warranty: 5 years Manufacturer: TP-Link

#### #09130



Net Price: 35.20 USD

## Unmanaged switch, 6x 10/100 RJ-45, PoE+, desktop (TP-Link TL-SF1006P)

- 6× 10/100 Mbps RJ45 ports
- 4× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs
- Up to 250m data and power transmitting range under
- Priority Mode ensures high priority of ports 1-2 to guarantee the quality of sensitive application
   Supports PoE Power up to 30 W for each PoE port
   Supports PoE Power up to 67 W for all PoE ports

- Plug and play with no configuration required

Copper ports: 6x 10/100 Mbps RJ-45 Standard: 802.3af/at compliant Standard: SUL-Sariat compilant PoE+ Ports: Port1- Port4 Power Supply: 67W Switching Capacity: 1.2Gbps Packet Forwarding Rate: 0.8928 Mpps Mac Address Table: 2K Mac Address I able: 2K Software features Advanced Features: Compatible With IEEE 802.3af/at Compliant PDs, Extend Mode Button (Ports 1-4), Priority Mode Button (Ports 1-2), Mac Address Auto-Learning and Auto-Aging, IEEE802.3x Flow Control For Full-Duplex Mode and Backpressure for Half-Duplex Mode Transfer Method: Store-And-Forward Dimensions: 6.2 x 4.0 x 1.0 in (158 x 101 x 25 mm) Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing Power: External Power Adapter(Output 53.5 V DC / 1.31 A) Power Consumption: 1.9W (max. no PD connected), 74W (max. with 67W PD connected)
Max Heat Dissipation: 6.48BTU/h(no PD connected), 252.34BTU/h(with 58W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years
Manufacturer: TP-Link Software features

Unit: pcs





Net Price: 95.10 USD Unit: pcs



#09297

Net Price: 70.50 USD Unit: pcs



#09131

Net Price: 32.40 USD Unit: pcs

#### Unmanaged switch, 8x 10/100 RJ-45, 2x 10/100/1000 RJ-45, 1x SFP, PoE+ (TP-Link TL-SL1311MP)

- 8× 10/100 Mbps RJ45 Ports, 2× Gigabit RJ45 Ports, 1× Gigabit SFP Port
- 8× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs Supports PoE Power up to 30 W for each PoE port
- Supports PoE Power up to 124 W for 8 PoE ports
- Up to 250 m data and power transmitting range under Extend Mode
- Isolation Mode allows one-click client traffic separation for higher security and performance
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices
- Fanless Design reduces power consumption and works silently in its location
- Plug and play with no configuration required

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE

Copper ports: 16x 10/100 Mbps RJ-45 PoE+, 2x

10/100/1000Mbps RJ45 Ports SFP Ports: 2 Gigabit Combo SFP Ports

Fan Quantity: 0

Physical Security Lock: Yes PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1-Port 8, PoE Power Budget 124W

Performance:
Packet Forwarding Rate: 5.6544 Mpps

Jumbo Frame: 16 KB Switching Capacity: 7.6 Gbps MAC Address Table: 2K Software features:

MAC Address 1able. 2N Software features:
Advanced Functions: Compatible With IEEE 802.3af/at Compliant PDs, Extend Mode Button (Ports 1-4 and Ports 1-8, Up to 250 m PoE power supply and data transmission), Isolation Mode Button (Ports 1-8), PoE Auto Recovery Button (Ports 1-8), Mac Address Auto-Learning and Auto-Aging, IEEE802.3x Flow Control For Full-Duplex Mode And Backpressure for Half-Duplex Mode Transmission Method: Store-And-Forward Dimensions: 8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm) Operating Temperature: -0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing Power: External Power Adapter (Output 53.5VDC / 2.43A) Power Consumption: 5.95 W (220/50Hz. no PD connected), 140.92 W (220/50Hz. with 124W PD connected)
Max Heat Dissipation: 20.29 BTU/h (no PD connected), 480.54 BTU/h (with 124W PD connected)
Certificates: CE, FCC, RoHS

Warranty: 5 years Manufacturer: TP-Link

#### Unmanaged switch, 8x 10/100 RJ-45, 2x 10/100/1000 RJ-45, 1x SFP, PoE+ (TP-Link TL-SL1311P)

- 8× 10/100 Mbps RJ45 Ports, 2× Gigabit RJ45 Ports, 1×
- Gigabit SFP Port

   8× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs Supports PoE Power up to 30 W for each PoE port
- Supports PoE Power up to 65 W for 8 PoE ports Up to 250 m data and power transmitting range under Extend Mode
- Isolation Mode allows one-click client traffic separation for higher security and performance
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices
- Fanless Design reduces power consumption and works silently in its location
- Plug and play with no configuration required

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE

Copper ports: 16x 10/100 Mbps RJ-45 PoE+, 2x 10/100/1000Mbps RJ45 Ports SFP Ports: 2 Gigabit Combo SFP Ports

Fan Quantity: 0

Physical Security Lock: Yes
PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1Port 8, PoE Power Budget 65W

Performance:

Packet Forwarding Rate: 5.6544 Mpps Jumbo Frame: 16 KB

Switching Capacity: 7.6 Gbps MAC Address Table: 2K

Software features:

MAC Address Table. 2N Software features:
Advanced Functions: Compatible With IEEE 802.3af/at Compliant PDs, Extend Mode Button (Ports 1-4 and Ports 1-8, Up to 250 m PoE power supply and data transmission), Isolation Mode Button (Ports 1-8), PoE Auto Recovery Button (Ports 1-8), Mac Address Auto-Learning and Auto-Aging, IEEE802.3x Flow Control For Full-Duplex Mode And Backpressure for Half-Duplex Mode
Transmission Method: Store-And-Forward
Dimensions: 8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
Operating Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: 40°C-70°C (-40°F~158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Storage Humidity: 5%-90% lon-condensing
Ower: External Power Adapter (Output 53.5VDC / 1.31A)
Power Consumption: 5.61 W (220 V/50 Hz. no PD
connected), 77.32 W (110 V/50 Hz. with 65 W PD connected)
Max Heat Dissipation: 19.13 BTU/h (no PD connected), 263.7
BTU/h (with 65 W PD connected)
Certificates: CE, FCC, RoHS
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

### Unmanaged switch, 8x 10/100 RJ-45, PoE, desktop (TP-Link TL-SF1008LP)

- 8× 10/100 Mbps RJ45 ports
- 4× PoE ports transfer data and power on individual cables
- Works with IEEE 802.3af compliant PDs
   Up to 250 m data and power transmitting range under Extend Mode\*\*
- Priority Mode ensures high priority of ports 1-2 to guarantee
- the quality of sensitive application
   Supports PoE Power up to 41 W for all PoE ports'
- Plug and play with no configuration required

Copper ports: 8x 10/100 Mbps RJ-45 Standard: 802.3af compliant PoE Ports: Port1- Port4 Pote Ports: Port1-Port4
Power Supply: 41W
Switching Capacity: 1.6Gbps
Packet Forwarding Rate: 1,1904 Mpps
Mac Address Table: 2K
Jumbo Frame: 2 KB

Jumbo Frame: 2 RB Software features Advanced Features: Compatible With IEEE 802.3af Compliant PDs, Priority Function, Mac Address Auto-Learning And Auto-Aging, IEEE802.3x Flow Control For Full-Duplex Mode And Backpressure For Half-Duplex Mode, Extend

Mode And Backpressure For Half-Duplex Mode, Extend Mode Button (Ports 1-4), Priority Mode Button (Ports 1-2) Transfer Method: Store-And-Forward Dimensions: 6.7 × 3.9 × 1.1 in (171 × 98 × 27 mm) Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing Power: External Power Adapter(Output 53.5 V DC / 0.81 A) Power Consumption: 2.2W (max. no PD connected), 47W (max. with 41w PD connected)

Max Heat Dissipation: 7.5BTU/h(no PD connected), 160.61BTU/h(with 58W PD connected) Certificates: CE, FCC, RoHS

Warranty: 5 years Manufacturer: TP-Link





Net Price: 44.60 USD Unit: pcs



#09034

Net Price: 151.00 USD Unit: pcs



TL-SL1218P)

Unmanaged switch, 16x 10/100/1000 RJ-45, 2x 10/100/1000 RJ-45, 1x SFP, PoE+ (TP-Link

- 16× PoE+ 10/100 Mbps RJ45 ports, 2× Gigabit RJ45 ports, and 1× combo Gigabit SFP slot.
 - High PoE power budget with up to 30 W for each PoE port

and 150 W for all PoE ports.\*
- Up to 250 m data and power transmission under extend

mode specially designed for surveillance system.\*\*
- Priority mode for ports 1-8 to guarantees the quality of

higher security and performance.

Backup Bandwidth: 7.2 Gbps MAC Address Table: 8K

sensitive applications like video monitor.

- Isolation Mode allows one-click client traffic separation for

- Easy to use, with no configuration and installation needed.

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.1p

MAC Address I able: 8K Software features: Advanced Features: Compatible With IEEE 802.3at/af Compliant PDs, Extend Mode (Up to 250m PoE power supply and data transmission), Priority Mode, Isolation Mode, Mac Address Auto-Learning And Auto-Aging, IEEE802.3x Flow

Control
Transmission Method: Store-And-Forward
Dimensions: 17.3 × 7.1 × 1.7 in. (440 × 180 × 44 mm)
Operating Temperature: 0°C~40°C (32°F~104°F)
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: 100-240VAC, 50/60Hz
Power: 100-240VAC, 50/60Hz
Power Consumption: 12,71 W (220/50Hz. no PD connected),
172,8 W (220/50Hz. with 150W PD connected)
Max Heat Dissipation: 43,34 BTU/h (no PD connected),
589,25 BTU/h (with 150W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years

Copper ports: 16x 10/100 Mbps RJ-45 PoE+, 2x 10/100/1000Mbps RJ45 Ports
SFP Ports: 1 Gigabit Combo SFP Ports

#09152

Net Price: 136.00 USD Unit: pcs

## Unmanaged switch, 9x 10/100 RJ-45, PoE+, desktop (TP-Link TL-SF1009P)

- 9× 10/100 Mbps RJ45 ports 8× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs Supports PoE Power up to 30 W for each PoE port
- Supports PoE Power up to 65 W for 8 PoE ports Up to 250 m data and power transmitting range under
- Extend Mode
   Priority Mode ensures high priority of ports 1-2 to guarantee the quality of sensitive application
  - Isolation Mode allows one-click client traffic separation for
- higher security and performance
- Plug and play with no configuration required

Copper ports: 9x 10/100 Mbps RJ-45 Standard: 802.3af/at compliant PoE+ Ports: Port1- Port8 Pour Supply: 65W Switching Capacity: 1.8Gbps Packet Forwarding Rate: 1.3392 Mpps Mac Address Table: 2K Software features

Mac Address I able: 2K Software features Advanced Features: Compatible With IEEE 802.3af/at Compliant PDs, Extend Mode Button (Ports 1-4 and Ports 1-8, Up to 250 m PoE power supply and data transmission), Priority Mode Button (Ports 1-2), Isolation Mode Button (Ports 1-8), Mac Address Auto-Learning and Auto-Aging, IEEE802.3x Flow Control For Full-Duplex Mode and Backpressure for Half-Duplex Mode Transfer Method: Store-And-Forward Dimensions: 6.7 × 3.9 × 1.1 in (171 × 98 × 27 mm) Operating Temperature: 0°C-40°C (32°F~104°F) Storage Temperature: 40°C-70°C (40°F~158°F) Operating Humidity: 10% -90% non-condensing Storage Humidity: 5%~90% non-condensing Power: External Power Adapter(Output 53.5 V DC / 1.31 A) Power Consumption: 3,6W (max. no PD connected), 77,08W (max. With 65W PD connected)
Max Heat Dissipation: 12,28BTU/h(no PD connected), 262,84BTU/h(with 65W PD connected)
Certificates: CE, FCC, RoHS

Warranty: 5 years Manufacturer: TP-Link

#### Unmanaged switch, 16x 10/100 RJ-45, 2x 10/100/1000 RJ-45, 2x SFP, PoE+ (TP-Link TL-SL1218MP)

- 16 PoE+ 10/100Mbps RJ45 ports, 2 Gigabit RJ45 ports and 2 combo Gigabit SFP slots
   Up to 250m data and power transmission under extend
- mode specially designed for surveillance system
   Priority mode for port1-8 to guarantees the quality of
- sensitive applications like video monitor
   High PoE power budget with up to 30W for each PoE port
- and 192W for all PoE ports
- Easy to use, with no configuration and installation needed

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.1p

802.1p
Copper ports: 16x 10/100 Mbps RJ-45 PoE+, 2x
10/100/100Mbps RJ45 Ports
SFP Ports: 2 Gigabit Combo SFP Ports
Fan Quantity: 2
PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1Port 16, PoE Power Budget 192W
Performance:
Backup Bandwidth: 7.2 Gbps
MAC Address Table: 8K

MAC Address Table: 8K

MAC Address I abile: on Software features: Compatible With IEEE 802.3at/af Compliant PDs, Extend Mode (Up to 250m PoE power supply and data transmission), Priority Mode, Isolation Mode, Mac Address Auto-Learning And Auto-Aging, IEEE802.3x Flow Control

Control
Transmission Method: Store-And-Forward
Transmission Method: Store-And-Forward
Transmission Method: Store-And-Forward
Dimensions: 17.3 × 7.1 × 1.7 in. (440 × 180 × 44 mm)
Operating Temperature: 0°C~40°C (32°F~104°F)
Storage Temperature: 40°C~70°C (42°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: 100-240VAC, 50/60Hz
Power: Consumption: 18.73 W (220/50Hz. no PD connected),
217.22 W (220/50Hz. with 192W PD connected)
Max Heat Dissipation: 63.89 BTU/h (no PD connected),
741.15 BTU/h (with 192W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

#09024

Net Price

8.81 USD

Unit: pcs

#### #09112

Net Price: 8.36 USD Unit: pcs

Warranty: 5 years Manufacturer: TP-Link

#### #06278

Net Price 35.20 USD Unit: pcs

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- Green Ethernet technology saves power consumption
   IEEE 802.3X flow control provides reliable data transfer
- Plastic casing and desktop design
  Plug and play, no configuration required
- Fanless design ensures quiet operation

Standards: IEEE 802.3/i/u/x
Copper ports: 8x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Housing / case type: desktop, plastic
Dimensions: 4.9 × 1.9 × 0.9 in. (124.6 × 48.7 × 22.8 mm)
Operating temperature: 0°C + 40°C
Storage Temperature: 0°C + 40°C
Storage Temperature: 40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 5V DC 0.6A, ~230V AC
Max Power Consumption: 2.64W
Max Heat Dissipation: 9.002 Btu/hr
Certificates:CE, FCC, RoHS
Warranty period: 2 years
Manufacturer: TP-Link Standards: IEEE 802.3/i/u/x

## Unmanaged switch, 8x 10/100 RJ-45, desktop (TP-Link Mercusys MS108)

- 8 10/100Mbps auto-negotiation RJ45 ports with auto MDI/MDIX supported
- Easily wired network expansionCompact design for flexible arrangement
- Plug and play setup, no configuration required

Standards: IEEE 802.3/u/x

Copper ports: 8x 10/100 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Switching architecture / speed: Store and Forward
Data Rates: 10/100Mbps at half duplex, 20/200Mbps at full duplex Buffer Capacity: 768Kb

Buffer Capacity: 768Kb
Jumbo Frame: 2KB
Switching Capacity: 1.6Gbps
LED: Ethernet (1, 2, 3, 4, 5, 6, 7, 8), Power
Housing / case type: desktop, plastic
Dimensions: 127 x 60,3 x 22 mm
Operating temperature: 0°C + 40°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 5V DC 0.6A, ~230V AC
Certificates: CE, RoHS

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## Unmanaged switch, 5x 10/100 RJ-45, PoE, desktop (TP-Link TL-SF1005P)

- 5 10/100Mbps RJ45 ports
- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network - Supports PoE Power up to 15.4W for each PoE port
- Supports PoE Power up to 58W for all PoE ports
   Requires no configuration and installation

Copper ports: 5x 10/100 Mbps RJ-45 Standard: 802.3af compliant PoE Ports: Port1- Port4 Power Supply: 58W Switching Capacity: 1Gbps Mac Address Table: 2K

Switching Capacity: Totps
Mac Address Table: 2K
Software features
Advanced Features: Compatible With IEEE 802.3af
Compliant PDs, Priority Function, Mac Address Auto-Learning
And Auto-Aging, IEEE802.3x Flow Control For Full-Duplex
Mode And Backpressure For Half-Duplex Mode
Transfer Method: Store-And-Forward
Dimensions: 3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)
Operating Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: External Power Adapter(Output 48VDC / 1.25A)
Power Consumption: 1.678W (max. no PD connected),
64.82W (max. with 58w PD connected)
Max Heat Dissipation: 5.73BTU/h(no PD connected),
221.17BTU/h(with 58W PD connected)
Certificates:CE, FCC, RoHS

Certificates:CE, FCC, RoHS Warranty: 5 years Manufacturer: TP-Link





Net Price: 9.03 USD Unit: pcs



#05857 Net Price: 11.60 USD

Unit: pcs

#06857 Net Price: 44.60 USD Unit: pcs

### Unmanaged switch, 5x 10/100 RJ-45, desktop (TP-Link TL-SF1005D)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 5x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure Switching capacity [Gbps]: 1,0
Packet forward rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps)

Mbps)
Housing / case type: desktop, plastic
Dimensions: 140x85x30 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external SV DC 0.6A, ~230V AC
Certificates: CE Warranty period: 2 years Manufacturer: TP-Link

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#05881

Net Price: 42.60 USD Unit: pcs



### Unmanaged switch, 8x 10/100 RJ-45, desktop (TP-Link TL-SF1008D)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 8x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Switching capacity [Gbps]: 1.6
Buffer memory: 750kB
Housing / case type: desktop, plastic
Dimensions: 200x142x40 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing Operating humidity: 10% ÷ 90%, non-condensi Power: external 9V DC 0,8A, ~230V AC 50 Hz Certificates:CE, FCC Warranty period: 2 years

Unmanaged switch, 8x 10/100 RJ-45, PoE, desktop (TP-Link TL-SF1008P)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 8x 10/100 Mbps RJ-45 with 4 PoE ports
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Switching capacity [Gbps]: 1.6
Buffer memory: 750kB
Housing / case type: desktop, metal
Dimensions: 171x98x27 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90% non-condensing Operating humidity: 10% ÷ 90%, non-condensing Power: external 48V DC Certificates:CE, FCC Warranty period: 5 years



#05889

Net Price: 39.20 USD Unit: pcs



#05880

Net Price: 24.10 USD Unit: pcs

## Unmanaged switch, 16x 10/100 RJ-45, 19" (TP-Link TL-SF1016)

Standards: IEEE 802.3/u
Copper ports: 16x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity [Gbps]: 3.2
Housing / case type: 19", metal
Dimensions: 440x180x44 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates: CE, FCC
Warranty period: 5 years
Manufacturer: TP-Link Standards: IEEE 802.3/u Manufacturer: TP-Link

#### Unmanaged switch, 16x 10/100 RJ-45, 19' Rack-mounting Bracket (TP-Link TL-SF1016DS)

Standards: IEEE 802.3/u Copper ports: 16x 10/100 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity (Gbps): 3.2
Housing / case type: 11.6", metal
Dimensions: 294x180x44 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates: CE, FCC
Warranty period: 5 years Warranty period: 5 years Manufacturer: TP-Link

Unmanaged switch, 16x 10/100 RJ-45, desktop (TP-Link TL-SF1016D)

Standards: IEEE 802.3/u
Copper ports: 16x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity [Gbps]: 3.2
Housing / case type: desktop, plastic
Dimensions: 285x116x28 mm
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external 9V DC 1,2A ~230V AC
Certificates:CE, FCC
Warranty period: 5 years
Manufacturer: TP-Link

#08214



Net Price: 46.90 USD Unit: pcs



#05882

Net Price 47.70 USD Unit: pcs



#04652

Net Price: 24.50 USD Unit: pcs

#### Unmanaged switch, 24x 10/100 RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SF1024D)

4 10/100Mbps RJ45 ports Innovative energy-efficient technology saves power up to 40%

Supports MAC address self-learning and auto MDI/MDIX Standard 13-inch rack-mountable steel case, 19-inch rack-mountable holders

Standards: IEEE 802.3, 802.3u, 802.3x
Copper ports: 24x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure Packet flow control: Flow-Control, back-Pressure
Forwarding rate: 4,8 Gbps
Housing / case type: 11.6", metal
Dimensions: 294x180x44 mm (handles for 19" rack included)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC Warranty period: 5 years Manufacturer: TP-Link

### Unmanaged switch, 24x 10/100 RJ-45, 19" (TP-Link TL-SF1024)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 24x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity [Gbps]: 4.8
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps)

Mbps)
Housing / case type: 19", metal
Dimensions: 440x180x44 mm
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates: CE, FCC
Warranty period: 5 years Warranty period: 5 years Manufacturer: TP-Link

Unmanaged switch, 24x 10/100 RJ-45, desktop (TP-Link TL-SF1024M)

- 24 10/100Mbps Auto-Negotiation RJ45 ports, Supports Auto

Green Ethernet technology saves the power up to 67%
 IEEE 802.3x flow control provides reliable data transfer

- Plastic case, desktop or wall-mounting design

- Plug and play, no configuration required

Standards: IEEE 802.3, 802.3u, 802.3x
Copper ports: 24x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure

Mac Address Table: 8K
Housing / case type: desktop
Dimensions: 8.7 x 5.0 x 1.8 in. ( 222 x 126 x 45 mm)
Fan Quantity: Fanless
Power Consumption: Maximum 3.68W (220V/50Hz)
External Power Supply: External Power Adapter (Output

External Power Supply: External Power Adapter (Output 9VDC / 0.6A)
Certificates: FCC, CE, RoHs
Package Contents: 24-Port 10/100Mbps Desktop Switch
TL-SF1024M, Power Adapter, Installation Guide
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% + 90%, non-condensing
Warranty period: 5 years
Manufacturer: TP-Link

4/167





Net Price: 95.40 USD Unit: pcs



#09153

Net Price: 202.00 USD Unit: pcs



#09193 Net Price: 117.00 USD Unit: pcs

# Unmanaged switch, 48x 10/100 RJ-45, 19" (TP-Link TL-SF1048)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 48x 10/100 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Packet flow control: Flow-Control, Back-Pressure
Switching capacity [Gbps]: 9.6
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps) Mbps)
Housing / case type: 19", metal
Dimensions: 440x260x44 mm Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: internal, ~230V AC 50Hz Certificates:CE Warranty period: 5 years Manufacturer: TP-Link

#### Smart switch, 24x 10/100/1000 RJ-45, 2x 10/100/1000 RJ-45, 2x SFP, PoE+, 19" (TP-Link TL-SL2428P)

- 250 W PoE Budget: 24× 802.3at/af-compliant PoE+ ports
- with a total power supply of 250 W.
   Gigabit Ports: 2× Gigabit RJ45 ports and 2× Combo Gigabit RJ45/SFP Ports provide high-speed connections.
  - Integrated into Omada SDN: Zero-Touch Provisioning
- (ZTP), Centralized Cloud Management, and Intelligent Monitorina.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3az, IEEE 802.1d, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at Copper ports: 24x 10/100 Mbps RJ-45 PoE+, 2x 10/100/1000Mbps RJ45 Ports

SFP Ports: 2 Gigabit Combo SFP Ports Fan Quantity: 2

PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1-Port 24, PoE Power Budget 250W

Performance:

Performance: Switching Capacity: 12.8 Gbps Packet Forwarding Rate: 9.5 Mpps MAC Address Table: 8K Jumbo Frame: 9216 Bytes

Packet Forwarding Rate: 9,5 Mpps
MAC Address Table: 8K
Jumbo Frame: 9216 Bytes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.10 STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, EpDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping, IGMP v1/v2/v3 Snooping, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN, Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 183 Entries,
Source IPv8 ource MAC, IPv6 Source Guard, 183 Entries,
Source IPv8 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller (Coud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPV1/V2/CV3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Transmission Method: Store-And-Forward Dimensions: 17,3 × 7,1 × 17, in. (440 × 180 × 44 mm) Operating Temperature: 0°C~40°C (3°F~104°F) Storage Temperature: 40°C~70°C (40°F~158°F) Operating Humidity: 10%~90% non-condensing Power: 100-240VAC, 50/60Hz
Power Consumption: 18,8 W W (220/50Hz. no PD connected), 286,7 W (220/50Hz. with 250W PD connected) Max Heat Dissipation: 64,1 BTU/h (no PD connected), 977,6 BTU/h (with 250W PD connected) Certificates: CE, FCC, RoHS

Warranty: 5 years Manufacturer: TP-Link

### Unmanaged switch, 9x 10/100/1000 RJ-45, 1 SFP slots, PoE+, desktop (TP-Link TL-SG1210MP)

- 9× gigabit RJ45 ports, and 1× gigabit combo SFP/RJ45 Port
- 8× PoE+ ports transfer data and power via a single cable with a total power budget of 123 W
- Compliance with IEEE 802.3af/at PoE+, the switch supports
- PoE Power up to 30 W for each PoE port
   Up to 250 m data and power transmission range under
- Extend Mode\*\*
   Priority Mode ensures high priority of ports 1-2 to guarantee the quality of the sensitive applications
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Automatically reboots your dropped or unresponsive PoE-powered devices with PoE Auto Recovery.
- Plug and play with no configuration required
- Fanless design reduces power consumption and works
- silently in its location

Standards: IEEE 802.3/i/u/ab/z/ad/x/laf/d/s/wq/x/p Copper ports: 9x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX) PoE+, 1x 10/100/1000 Mbps RJ-45

Free slots: 1x 1000 Mbps SFP Free slots: 1x 1000 Mbps SFP PoE Ports (RJ45) Standard: 802.3af/at compliant PoE Ports: 8 Ports Power Supply: 123W Performance Packet Forwarding Rate: 14.88 Mpps Bandwidth/Backplane: 20Cbps MAC Address Table: 4k Jumbo Frame: 16 KB Software features

Software features

Transmission Method: Store-And-Forward

Advanced Functions: Compatible With IEEE 802.3af/at

Compliant PDs, Extend Mode Button (Ports 1-4, Up to 250 m

PoE power supply and data transmission), Priority Mode

Button (Ports 1-2), Isolation Mode Button (Ports 1-4 / 5-8),

PoE Auto Recovery (Ports 1-8), Mac Address Auto-Learning
and Auto-Aging, IEEE802.3x Flow Control For Full-Duplex

Mode And Backpressure for Half-Duplex Mode

Housing / case type: 19", metal

Dimensions: 209 x 126 x 26 mm

Operating temperature: 0°C + 40°C

Operating temperature: 0°C + 4

(PoE off) 7.93W Fan Quantity: 0 Certificates:CE, FCC, RoHS Manufacturer: TP-Link





Net Price: 79.90 USD Unit: pcs





#### #09323

Net Price: 33.10 USD Unit: pcs

#### NEW



#09324

Net Price: 58.70 USD Unit: pcs

## Unmanaged switch, 9x 10/100/1000 RJ-45, 1 SFP slots, PoE+, desktop (TP-Link TL-SG1210P)

- 9 10/100/1000Mbps RJ45 ports, 1 Gigabit SFP port
- With 8 PoE+ ports, transfers data and power on one single
- Working with IEEE 802.3af/at compliant PDs, expands home and office network
  - 802.1p/DSCP QoS enable smooth latency-sensitive traffic
- High PoE power budget with up to 30W for each PoE port and 63W for all PoE ports
- Easy to use, with no configuration and installation needed

Standards: IEEE 802.3/i/u/ab/z/ad/x/af/d/s/w/q/x/p Copper ports: 8x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX) PoE+, 1x 10/100/1000 Mbps RJ-45 Free slots: 1x 1000 Mbps SFP

PoE Ports (RJ45) Standard: 802.3af/at compliant PoE Ports: 8 Ports Power Supply: 63W Performance

Bandwidth/Backplane: 20Gbps MAC Address Table: 4k Software features

Soliware leatures: Compatible With IEEE 802.3af/at Advanced Features: Compatible With IEEE 802.3af/at Compliant PDs, EEE802.3x Flow Control, 802.1p/DSCP QoS, IGMP Snooping Transmission Method: Store-And-Forward

Transmission Method: Store-And-Forward Housing / case type: 19", metal Dimensions: 209 x 126 x 26 mm Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Power: 100~240VAC, 50/60Hz, External Power Adapter(Output 48VDC/1.25A)

Power Consumption: Maximum (PoE on) 78.13W, Maximum (PoE off) 7.11W
Fan Quantity: 0

Certificates:CE, FCC, RoHS Manufacturer: TP-Link

## Unmanaged switch, 5x 10/100/1000 RJ-45, PoE++IN (TP-Link TL-SF1005P-PD)

- Ports: 5× 10 Mbps/100 Mbps/1 Gbps RJ45 ports
- -Tolts: 3x 10 wips: 100 lbs 1 dbps 1 802.3af PoE standard, respectively.\*
  - Long-Range PoE+: With Extend Mode\*\*, PoE transmission
- distance reaches up to 250 m, perfect for surveillance camera deployment in large areas.
- PoE Auto Recovery: It guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices.
- Metal Casing: Durable metal casing and desktop/wall-mounting design are well-suited for different environments.
- Silent Operation: Industry-leading fanless design ensures silent operation, ideal for any home or business.
  - Plug and Play: No configuration and installation required.
- Power Supply: The product only supports PoE power

supply, not AC or DC power supply.

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3x, IEEE

802.1p
Copper ports: 5x 10/100/1000 Mbps RJ-45
PoE In Ports: 5 compliance with 802.3af/at/bt Type3/bt Type4
PoE Out Ports: 1-4 compliance with 802.3af/at
PoE Power Budget: 66 W when powered by 802.3bt Type 4
(90 W), 47 W when powered by 802.3bt Type 3 (60 W), 21 W
when powered by 802.3at (30 W), 9 W when powered by
802.3af (15.4 W)
Poekhower Boekhields: 40Chps

Backbound Bandwidth: 10Gbps Mac Address Table: 2K Software features

Software features
Advanced Features: Extend Mode Button (Ports 1-2, Up to 250 m PoE power supply and data transmission), PoE Auto Recovery (Ports 1-4), Mac Address Auto-Learning and Auto-Aging, IEEE 802.3x Flow Control, 802.1p/DSCP QoS, IGMP Snooping

Transfer Method: Store-And-Forward Transfer Method: Store-And-Forward
Dimensions: 6,2 × 4,0 × 1,0 in. (158 × 101 × 25 mm)
Operating Temperature: 0°C~40°C (32°F~104°F)
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 10%~90% non-condensing
Power: Only Powered by PoE Device
Power Consumption: 2.68 W (90W PoE In, with no PD connected), 68.59 W (90W PoE In, with 66 W PD connected)
Max Heat Dissipation: 9.112 BTU/h (90W PoE In, with no PD connected), 233.206 BTU/h (90W PoE In, with 66 W PD connected)

connected)
Certificates:CE, FCC, RoHS Manufacturer: TP-Link

# Unmanaged switch, 6x 10/100/1000 RJ-45, PoE++ (TP-Link TL-SG1006PP)

- 6× 10/100/1000 Mbps RJ45 ports
- With one PoE++ port and three PoE+ ports, transfers data
- and power on one single cable
   Works with IEEE 802.3af/at/bt compliant PDs
- 802.1p/DSCP QoS enable smooth latency-sensitive traffic Supports PoE Power up to 30 W for each PoE+ port and 60W for PoE++ port
  - Supports PoE Power up to 64 W for all PoE ports
- Up to 250m data and power transmitting range under Extend Mode
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices
- Plug and Play, no configuration and installation required

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3x, IEEE

802.1p Copper ports: 6x 10/100/1000 Mbps RJ-45 PoE Ports: Port 1 compliances with 802.3af/at/bt; Ports 2-4 compliance with 802.3af/at

PoE Power Budget: 64 W
Packet Forwarding Rate: 8.928 Mpps
Mac Address Table: 4K

Mac Address 1 able: 4K Software features Advanced Features: Compatible With IEEE 802.3af/at/bt Compliant PDs, Mac Address Auto-Learning And Auto-Aging, IEEE 802.3x Flow Control, 802.1p/DSCP QoS, IGMP Snooping, Extend Mode Button (Ports 1-2, Up to 250 m PoE power supply and data transmission), PoE Auto Recovery (Ports 1-4)

Transfer Method: Store-And-Forward Transfer Method: Store-And-Forward Dimensions:  $6,2 \times 4,0 \times 1,0$  in.  $(158 \times 101 \times 25 \text{ mm})$  Operating Temperature:  $0^{\circ}\text{C} \times 40^{\circ}\text{C}$   $(32^{\circ}\text{F}-104^{\circ}\text{F})$  Storage Temperature:  $40^{\circ}\text{C} \times 70^{\circ}\text{C}$   $(40^{\circ}\text{F}-158^{\circ}\text{F})$  Operating Humidity:  $10^{\circ}\text{N}-90^{\circ}\text{N}$  non-condensing Storage Humidity:  $10^{\circ}\text{N}-90^{\circ}\text{N}$  non-condensing Power: External Power Adapter (Output 53.5 VDC / 1,31 A) Power Consumption: 4.75 W (220/50 Hz. no PD connected), 71.46 W (220/50 Hz. with 64 W PD connected) Max Heat Dissipation: 16.20 BTU/h (220/50 Hz. no PD connected), 243.68 BTU/h (220/50 Hz. with 64 W PD connected) connected) connected) ertificates:CE, FCC, RoHS

Manufacturer: TP-Link





Net Price: 35.20 USD Unit: pcs



#09134

Net Price: 107.00 USD Unit: pcs

#09111 Net Price:

10.90 USD Unit: pcs

## Unmanaged switch, 5x 10/100/1000 RJ-45, PoE+, desktop (TP-Link TL-SG1005LP)

- 5× 10/100/1000 Mbps RJ45 ports
- With four PoE+ ports, transfers data and power on one single cable
- Works with IEEE 802.3af/at compliant PDs
- 802.1p/DSCP QoS enable smooth latency-sensitive traffic
   Supports PoE Power up to 30 W for each PoE port

- Supports PoE Power up to 40 W for all PoE ports Plug and play, no configuration and installation required

Copper ports: 5x 10/100/1000 Mbps RJ-45 Standard: 802.3af/at compliant PoE+ Ports: Port1- Port4 POLE PORTS: PORT1 - PORT4
Power Supply: 40W
Switching Capacity: 1Gbps
Packet Forwarding Rate: 7.44 Mpps
Mac Address Table: 2K
Jumbo Frame: 16 KB Software features

Software features

Advanced Features: Compatible With IEEE 802.3af

Compliant PDs, Priority Function, Mac Address Auto-Learning
And Auto-Aging, IEEE 802.3x Flow Control, 802.1p/DSCP

QoS, IGMP Snooping

Transfer Method: Store-And-Forward

Dimensions: 3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)

Operating Temperature: 0°C~40°C (32°F~104°F)

Storage Temperature: 40°C~70°C (-40°F-158°F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

Power: External Power Adapter(Output 53.5 V DC / 0.81 A)

Power Consumption: 4.12W (max. no PD connected), 47.5W

(max. with 40W PD connected)

Max Heat Dissipation: 14.05BTU/h(no PD connected),

161.98BTU/h(with 40W PD connected)

Certificates: CE, FCC, RoHS

Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

### Unmanaged switch, 5x 2,5Gb/s RJ-45, desktop (TP-Link TL-SG105-M2)

- Five 2.5 Gbps Ports. 5× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, and provide up to 25 Gbps of switching capacity.
   Super-Fast Connections. Provides super-fast connections to
- 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 6 AP, 4K video, and more.
- Ideal for Various Scenarios. Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations,
- Hassle-Free Cabling. Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.\*
- Silent Operation. Industry-leading fanless design ensures silent operation, ideal for any home or business.
   Plug and Play. Allows for easy deployment without the need
- for a technician.
- Metal Casing. Durable metal casing and desktop/wall-mounting design are well-suited for different environments.

Copper ports: 5x 100Mbps/1Gbps/2.5Gbp Ports, Auto-Negotiation, Auto-MDI/MDIX Standard: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802 3hz Switching Capacity: 25Gbps
Packet Forwarding Rate: 18,6 Mpps
Mac Address Table: 16K Jumbo Frame: 10 KB Packet Buffer Memory: 1.5 Mb Software features

Software features

Advanced Features: 802.3X Flow Control, 802.1p/DSCP QoS Transfer Method: Store-And-Forward

Dimensions: 8.2×4.9×1.0 in (209×126×26 mm)

Operating Temperature: 0°C~40°C (32°F~104°F)

Storage Temperature: 40°C~70°C (40°F~168°F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

Power: External Power Adapter(Output 12 VDC / 1 A)

Power Consumption: 12,11W

Max Heat Dissipation: 41,32BTU/h

Certificates: CE, FCC, RoHS

Warranty: 5 years

Manufacturer: TP-Link

# Unmanaged switch, 5x 10/100/1000 RJ-45, desktop (TP-Link Mercusys MS105G)

- Five 10/100/1,000 Mbps auto-negotiation RJ45 ports with auto MDI / MDIX supported
- Easily wired network expansion
   Compact design for flexible arrangement
- Plug and play setup, no configuration required
   Green Ethernet technology saves power by up to 82%

Standards: IEEE 802.3/u/x Standards: IEEE 802.3/u/x
Copper ports: 5x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Data Rates: 10/100/1000Mbps at half duplex,
20/200/2000Mbps at full duplex
Buffer Capacity: 512Kb
Jumbo Frame: 9KB
LED: Ethernet (1, 2, 3, 4, 5), Power
Housing / case type: desktop, plastic
Dimensions: 105×70×24,9 mm
Operating temperature: 0°C + 40°C

Dinierisions: 103×70×24,9 min Operating temperature: °C + 40°C Storage Temperature: -40°C + 70°C Operating humidity: 10% + 90%, non-condensing Power: external 5V DC 0.6A, ~230V AC Certificates:CE, RoHS

# THE RESIDENCE AND RESIDENCE

#### #09023

Net Price: 12 80 USD Unit: pcs



#### #09026

Net Price: 13 80 USD Unit: pcs



#### #05911

Net Price: 13.80 USD Unit: pcs

## Unmanaged switch, 5x 10/100/1000 RJ-45, desktop (TP-Link LS1005G)

- 5× 10/100/1000Mbps Auto-Negotiation RJ45 port, supporting Auto-MDI/MDIX
  - Green Ethernet technology saves power
- IEEE 802.3X flow control provides reliable data transfer
- Plastic casing, desktop or wall-mounting design
  Plug and play, no configuration needed
- Fanless design ensures quiet operation

- Fanless design ensures quiet operation
Standards: IEEE 802.3/i/u/x/ab
Copper ports: 5x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching Capacity: 10 Gbps
Packet Forwarding Rate: 7.4 Mpps
MAC Address Table: 2K
Packet Buffer Memory: 1.5 Mb
Jumbo Frame: 16 KB
Housing / case type: desktop, plastic Jumbo Frame: 16 KB
Housing / case type: desktop, plastic
Dimensions: 3.5 × 2.8 × 0.9 in. (90 × 72 × 23 mm)
Operating temperature: 0°C + 40°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 5V DC 0.6A, ~230V AC
Max Power Consumption: 3.7W
Max Heat Dissipation: 12.617 BTU/h
Certificates: CE, FCC, RoHS
Warranty period: 2 years
Manufacturer: TP-Link

# Unmanaged switch, 5x 10/100/1000 RJ-45, desktop (TP-Link LS105G)

- 5× 10/100/1000Mbps Auto-Negotiation RJ45 port, supporting Auto-MDI/MDIX
- Green Ethernet technology saves power
- IEEE 802.3X flow control provides reliable data transfer
- Steel housing, desktop or wall-mounting design
   Support 802.1p/DSCP QoS function
- Plug and play, no configuration needed
  Fanless design ensures quiet operation

- Fulgarib play, no collingulation needed
- Fanless design ensures quiet operation
Standards: IEEE 802.3/i/u/x/ab, IEEE 802.1p
Copper ports: 5x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Packet Forwarding Rate: 7.4 Mpps
MAC Address Table: 2K
Packet Buffer Memory: 1.5 Mb
Jumbo Frame: 16 KB
Housing / case type: desktop, metal
Dimensions: 3.9 x.3 ys x.1.0 in. (99.8 x.98 x.25 mm)
Operating temperature: 0°C + 40°C
Storage Temperature: 40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 5V DC 0.6A, ~230V AC
Max Power Consumption: 2.776W (220V/50Hz)
Max Heat Dissipation: 9.466 BTU/h
Certificates: CE, FCC, RoHS
Warranty period: 2 years
Manufacture: TP-Link

## Unmanaged switch, 5x 10/100/1000 RJ-45, desktop (TP-Link TL-SG1005D)

Standards: IEEE 802.3/u/ab Copper ports: 5x 10/100/1000 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity (Gbps): 10
Housing / case type: desktop, plastic
Dimensions: 200x140x28 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external 9V DC 1,2A ~230V AC
Certificates:CE, FCC
Warrantv: 5 years

Warranty: 5 years Manufacturer: TP-Link

7/167





Net Price: 17.40 USD Unit: pcs



#06277

Net Price: 38.80 USD Unit: pcs



#09027

Net Price: 20.50 USD Unit: pcs

### Unmanaged switch, 5x 10/100/1000 RJ-45, desktop (TP-Link TL-SG105)

Standards: IEEE 802.3/u/ab/x, CSMA/CD
Copper ports: 5x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: 802.3X, QoS (IEEE802.1P), IGMP

Packet flow control: 802.3X, QoS (IEEE802.1P), IC Snooping Housing / case type: desktop, metal Dimensions: 99,8x98x25 mm (3,9 x 3,9 x 1,0 cala) Operating temperature: 0°C + 40°C Operating humidity: 10°X + 90%, non-condensing Power: 100-240VAC, 50/60Hz Certificates: CE, FCC, RoHS

Warranty: 5 years Manufacturer: TP-Link

### Unmanaged switch, 5x 10/100/1000 RJ-45, PoE (TP-Link TL-SF1005P)

- 5 10/100/1000Mbps RJ45 ports
- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home
- and office network
   802.1p/DSCP QoS enable smooth latency-sensitive traffic
- Supports PoE Power up to 15.4W for each PoE port
   Supports PoE Power up to 56W for all PoE ports
   Requires no configuration and installation

Standards: EEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE

Copper ports: 5x 10/100/1000 Mbps RJ-45 Standard: 802.3af compliant PoE Ports: Port1- Port4 Power Supply: 56W
Backbound Bandwidth: 10Gbps
Mac Address Table: 2K

Software features
Advanced Features: Compatible With IEEE 802.3af Compliant PDs, Priority Function, Mac Address Auto-Learning And Auto-Aging, IEEE 802.3x Flow Control, 802.1p/DSCP QoS, IGMP Snooping

QoS, IGMP Snooping
Transfer Method: Store-And-Forward
Dimensions: 3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)
Operating Temperature: 0°C-40°C (32°F-104°F)
Storage Temperature: 40°C-70°C (-40°F-158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Power: External Power Adapter(Output 48VDC / 1.25A)
Power Consumption: 3.95W(220/50Hz. no PD connected),
64.44W(220/50Hz. with 56W PD connected)
Max Heat Dissipation: 13.48BTU/h(no PD connected),
219.87BTU/h(with 56W PD connected)

219.87BTU/h(with 56W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years
Manufacturer: TP-Link

# Unmanaged switch, 8x 10/100/1000 RJ-45, desktop (TP-Link LS108G)

- 8× 10/100/1000Mbps Auto-Negotiation RJ45 port, supporting Auto-MDI/MDIX
- Green Ethernet technology saves power IEEE 802.3X flow control provides reliable data transfer
- Steel housing, desktop or wall-mounting design
   Support 802.1p/DSCP QoS function
- Plug and play, no configuration needed

Fanless design ensures guiet operation

- Faniess design ensures quiet operation
Standards: IEEE 802.3/i/u/x/ab, IEEE 802.1p
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Packet Forwarding Rate: 11.9 Mpps
MAC Address Table: 2K
Packet Buffer Memory: 1.5 Mb
Jumbo Frame: 16 KB Packet Buffer Memory: 1.5 Mb
Jumbo Frame: 16 KB
Housing / case type: desktop, metal
Dimensions: 6.2 x 3.9 x 1.0 in. (158 x 99.1x 25 mm)
Operating temperature: 0°C + 40°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 9V DC 0.6A, -230V AC
Max Power Consumption: 3.7W(220V/50Hz)
Max Heat Dissipation: 12.617 Btu/hr
Certificates:CE, FCC, RoHS
Warranty neriod: 2 years Warranty period: 2 years Manufacturer: TP-Link

#### #09025



Manufacturer: TP-Link

Net Price: 18.80 USD Unit: pcs



#### #06416

Net Price: 39.10 USD Unit: pcs



#### #05912

Net Price: 19.50 USD Unit: pcs

# Unmanaged switch, 8x 10/100/1000 RJ-45, desktop (TP-Link LS1008G)

- 8× 10/100/1000Mbps Auto-Negotiation RJ45 port,
- supporting Auto-MDI/MDIX
   Green Ethernet technology saves power
- IEEE 802.3X flow control provides reliable data transfer
- Plastic casing, desktop or wall-mounting design Plug and play, no configuration needed
- Fanless design ensures quiet operation

- Fanless design ensures quiet operation

Standards: IEEE 802.3/i/u/x/ab
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching Capacity: 16 Gbps
Packet Forwarding Rate: 11.9 Mp/s
MAC Address Table: 4K
Packet Buffer Memory: 1.5 Mb
Jumbo Frame: 16 KB
Housing / case type: desktop, plastic
Dimensions: 5.0 × 2.6 × 0.9 in. (127 × 66.5 × 23 mm)
Operating temperature: 0°C + 40°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external 9V DC 0.6A, ~230V AC
Max Power Consumption: 3.9W
Max Heat Dissipation: 13.299 BTU/h
Certificates: CE, FCC, RoHS
Warranty period: 2 years
Manufacturer: TP-Link

## Unmanaged switch, 8x 10/100/1000 RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SG1008)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1488 000 pps (1000 Mbps)
Housing / case type: 11.6", metal
Dimensions: 250x158x44 mm
Operating temperature: 0°C + 40°C Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC Warranty period: 5 years Manufacturer: TP-Link

# Unmanaged switch, 8x 10/100/1000 RJ-45, desktop (TP-Link TL-SG1008D)

desktop (TP-Link TL-SG1008D)

Standards: IEEE 802.3/u/ab
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching capacity (Gbps): 16
Housing / case type: desktop, plastic
Dimensions: 200x140x28 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external 9V DC 1,2A ~230V AC
Certificates: CE, FCC
Manufacturer: TP-Link Manufacturer: TP-Link





Net Price: 23.00 USD Unit: pcs



#08859

Net Price: 48.20 USD Unit: pcs

#04692

Net Price: 103.00 USD Unit: pcs

# Unmanaged switch, 8x 10/100/1000 RJ-45, desktop (TP-Link TL-SG108)

Standards: IEEE 802.3/802.3u/ 802.3ab/ 802.3x, CSMA/CD Standards: IEEE 802.3802.301/802.330, 802.33x, C Copper ports: 8x 10/10/1000 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes Switching architecture / speed: Store and Forward Packet flow control: Flow-Control, Back-Pressure Pauket now control: Flow-Control, Back-Pressure Housing / Case type: desktop, metal Dimensions: 158 x 101 x 25mm Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Power: 100-240VAC, 50/60Hz Certificates:CE, FCC, RoHS Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

# Unmanaged switch, 8x 10/100/1000 RJ-45, PoE (TP-Link TL-SF1008P)

- 8 10/100/1000Mbps RJ45 ports
- With four PoE ports, transfers data and power on one single
- Working with IEEE 802.3af compliant PDs, expands home and office network
- Requires no configuration and installation

Standards: EEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE

Copper ports: 8x 10/100/1000 Mbps RJ-45 Standard: 802.3af compliant PoE Ports: Port1- Port4

POE POTS: POTT: POT4
Power Supply: 53W
Advanced Features: Compatible With IEEE 802.3af
Compliant PDs, Priority Function, Mac Address Auto-Learning
And Auto-Aging, IEEE802.3x Flow Control For Full-Duplex
Mode And Backpressure For Half-Duplex Mode
Auto MDI/MDI-X: yes

Auto-negotiation (Nway): yes Switching architecture / speed: Store and Forward Packet flow control: Flow-Control, Back-Pressure

Packet flow control: Flow-Control, Back-Pressure Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps), 148 800 pps (100 Mbps). 1488 000 pps (100 Mbps). Dimensions: 171x98x27 mm Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: 40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing Power: internal, ~230V AC 50Hz Power Consumption: Maximum (PoE on)- 58.8W (220V/50Hz), Maximum (PoE off)- 5.8W (220V/50Hz) Certificates: CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link

# Unmanaged switch, 8x 10/100/1000 RJ-45, PoE, 11,6", 19" Rack-mounting Bracket (TP-Link TL-SF1008MP)

- 8 10/100/1000Mbps RJ45 ports Equipped with 8 PoE+ ports to power 8 PoE devices at the same time
- Works with IEEE 802.3af or 802.3at compliant up to 30W per port device
- Innovative energy-efficient technology reduces power consumption
- Rack mountable with included rack mount bracket
- Total PoE power budget up to 126W
   Plug and play design, no configuration required

Standards: EEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE

Copper ports: 8x 10/100/1000 Mbps RJ-45 Standard: 802.3at/af compliant

Copper ports: ox 10/100/100 mips R3-45
Standard: 802.3at/af compliant
POE Ports: 8 Ports
Power Supply: 126W
Advanced Features: Compatible With IEEE 802.3af/at
Compliant PDs, Priority Function, Mac Address Auto-Learning
And Auto-Aging, IEEE802.3x Flow Control For Full-Duplex
Mode And Backpressure For Half-Duplex Mode
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1 488 000 pps (1000 Mbps)
Dimensions: 294x180x44 mm (11,6\*7,1\*1,7 cala)
Operating Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: 10%~90% non-condensing
Storage Humidity: 10%~90% non-condensing
Storage Humidity: 10%~90% non-condensing
Power: 100-240VAC, 50/60Hz
Power Consumption: 9.5 watts (max. no PD connected),
140.1 watts (max. with 126W PD connected)

140.1 watts (max. with 126W PD connected)
Certificates:CE, FCC, RoHS
Warranty period: 5 years Manufacturer: TP-Link

#09136



Net Price: 163.00 USD Unit: pcs



#09113 Net Price:

17.60 USD Unit: pcs



#08104

Net Price: 62.90 USD Unit: pcs

### Unmanaged switch, 8x 2,5Gb/s RJ-45, desktop (TP-Link TL-SG108-M2)

- Eight 2.5 Gbps Ports. 8× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, and provide up to 25 Gbps of switching capacity.
  - Super-Fast Connections. Provides super-fast connections to
- 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 6 AP, 4K video, and more.
- Ideal for Various Scenarios. Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations
- Hassle-Free Cabling. Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and
- Silent Operation. Industry-leading fanless design ensures silent operation, ideal for any home or business
- Plug and Play. Allows for easy deployment without the need for a technician.
- Metal Casing. Durable metal casing and desktop/wall-mounting design are well-suited for different

Copper ports: 8x 100Mbps/1Gbps/2.5Gbp Ports, Auto-Negotiation, Auto-MDI/MDIX Standard: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802.3bz

Switching Capacity: 40Gbps Packet Forwarding Rate: 29,8 Mpps Mac Address Table: 16K Jumbo Frame: 10 KB Packet Buffer Memory: 1.5 Mb Software features Software features
Advanced Features: 802.3X Flow Control, 802.1p/DSCP QoS
Transfer Method: Store-And-Forward
Dimensions: 8.9×5.2×1.4 in (226×131×35 mm)
Operating Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: -40°C-70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5°%-90% non-condensing
Power: External Power Adapter(Output 12 VDC / 1.5 A)
Power Consumption: 15,65W
Max Heat Dissipation: 53.40 BTU/h

Max Heat Dissipation: 13,05W Max Heat Dissipation: 53,40 BTU/h Certificates:CE, FCC, RoHS Warranty: 5 years Manufacturer: TP-Link

## Unmanaged switch, 8x 10/100/1000 RJ-45, desktop (TP-Link Mercusys MS108G)

- Five 10/100/1,000 Mbps auto-negotiation RJ45 ports with auto MDI / MDIX supported
- Easily wired network expansion
- Compact design for flexible arrangement
- Plug and play setup, no configuration required
  Green Ethernet technology saves power by up to 82%

Standards: IEEE 802 3/u/x Standards: IEEE 802.3/u/x
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Data Rates: 10/100/1000Mbps at half duplex,
20/200/2000Mbps at full duplex
Buffer Capacity: 64Kb
Jumbo Frame: 9KB
LED: Ethernet (1, 2, 3, 4, 5, 6, 7, 8), Power
Housing / case type: desktop. plastic

LED: Etnernet (1, 2, 3, 4, 5, 6, 7, 8), Power Housing / case type: desktop, plastic Dimensions: 127 x 60,3 x 22 mm Operating temperature: 0°C + 40°C Storage Temperature: -40°C + 70°C Operating humidity: 10% + 90%, non-condensing Power: external 9V DC 0.6A, ~230V AC

Certificates:CE, RoHS

# Unmanaged switch, 16x 10/100/1000 RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SF1016D)

TL-SF1016D)

Standards: IEEE 802.3/u 802.3ab 802.3x
Copper ports: 16x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1 488 000 pps (1000 Mbps)
Housing / case type: 11.6", metal
Dimensions: 294x180x44 mm (handles for 19" rack included)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates: CE, FCC
Warranty period: 5 years

Warranty period: 5 years Manufacturer: TP-Link





Net Price: 66.40 USD Unit: pcs



#### #06255

Net Price: 59.30 USD Unit: pcs



#### #06271

Net Price: 67.80 USD Unit: pcs

### Unmanaged switch, 16x 10/100/1000 RJ-45, 19" (TP-Link TL-SG1016)

(IP-Link I L-SG1016)
Standards: IEEE 802.3/u
Copper ports: 16x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1 488 000 pps (1000 Mbps)
Housing / case type: 19", metal
Dimensions: 294x180x44 mm
Operating temperature: 0°C + 40°C Difficisions: 294x 100x44 film Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Power: internal, -230V AC 50Hz Certificates:CE, FCC Warranty period: 5 years Manufacturer: TP-Link

# Unmanaged switch, 16x 10/100/1000 RJ-45, desktop (TP-Link TL-SG116)

- 16 10/100/1000Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Green Ethernet technology saves power consumption
   IEEE 802.3x flow control provides reliable data transfer
- Steel housing, desktop or wall-mounting design
   Support 802.1p/DSCP QoS and IGMP Snooping function
- Plug and play, with no configuration needed

Standards: IEEE 802.3i/802.3u/ 802.3ab/ 802.3x/ 802.1p Copper ports: 16x 10/100/1000 Mbps RJ-45 Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Performance:

Performance:
Packet Forwarding Rate: 23.8Mpps
MAC Address Table: 8K
Packet Buffer Memory: 4.1Mb
Jumbo Frame: 10KB
Software features:

Software features:
Advanced Features: Green Technology, 802.3X Flow Control,
802.1p/DSCP QoS, IGMP Snooping
Transfer Method: Store and Forward
Dimensions: 11.26 x 4.4 x 1.0 in. (286x111.7x25.4 mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter (Output 12VDC / 1.0A)
Max Power Consumption: 10W(20V150Hz)
Max Heat Dissipation: 34.12BTU/h
Certificates: CE, FCC, RoHS
Warranty: 5 years Warranty: 5 years Manufacturer: TP-Link

# Unmanaged switch, 16x 10/100/1000 RJ-45, desktop (TP-Link TL-SG116E)

- 16 10/100/1000Mbps RJ45 ports
- Plug and play, with no configuration required
- Durable metal casing of superior quality and professional appearance
- Intelligent management via a web user interface and downloadable utility
- Green technology reduces power consumption

Standards: IEEE 802.3i/802.3u/ 802.3ab/ 802.3x/ 802.1p/

802.1q
Copper ports: 16x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Performance:
Switching Capacity: 32Gbps
Packet Forwarding Rate: 23.81Mpps
MAC Address Table: 8K
Packet Buffer Memory: 4.1Mb Jumbo Frame: 10KB

Jumbo Frame: 10KB Software features: Quality of Service: Support Port-based/802.1p/DSCP priority, Support 4 priority queues, Rate Limit, Storm Control L2 Features: IGMP Snooping V1/V2/V3, Static Link Aggregation, Port Mirroring, Cable Diagnostics, Loop Prevention

Prevention
VLAN: Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs), MTU/Port/Tag VLAN
Transmission Method: Store-And-Forward
Dimensions: 11.26 x 4.4 x 1.0 in. (286x111.7x25.4 mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter(Output 9VDC/0.6A)
Max Power Consumption: 9.27W(220V/50Hz)
Max Heat Dissipation: 31,36BTU/h
Certificates:CE, FCC, RoHS
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link



#### #09137

Net Price: 195.00 USD Unit: pcs



#### #08047

Net Price: 91.00 USD Unit: pcs

#### #06266

Net Price: 90.30 USD Unit: pcs

# Unmanaged switch, 18x 10/100/1000 RJ-45, 2x SFP, PoE+ (TP-Link TL-SG1218MP)

- 16× gigabit PoE+ RJ45 ports, 2× gigabit non-PoE RJ45 ports, and 2× combo gigabit SFP slots
   High PoE power budget with up to 30 W for each PoE port
- and 250 W for all PoE ports - Working with IEEE 802.3af/at compliant PDs
- Plug and play, with no configuration and installation needed
   802.1p/DSCP QoS enable smooth latency-sensitive traffic
- Durable metal casing and professional heat dissipation design ensure a wide operating temperature range (0-50 °C)

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3af, IEEE 802.1q, IEEE 802.1p

802.1p
Copper ports: 18x 10/100/1000 Mbps RJ-45
SFP Ports: 2 Gigabit SFP Ports
Fan Quantity: 2
PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1Port 16, PoE Power Budget 250W Performance:

Port 16, PoE Power Budget 250W
Performance:
Switching Capacity: 36 Gb/s
Packet Forwarding Rate: 26.78 Mb/s
MAC Address Table: 8K
Packet Buffer Memory: 4.1Mb
Jumbo Frame: 10KB
Advanced Functions: Compatible With IEEE 802.3af/at
Compliant PDs, 802.1p/DHCP QoS, Mac Address
Auto-Learning And Auto-Aging, IEEE802.3x Flow Control For
Full-Duplex Mode And Backpressure For Half-Duplex Mode
Dimensions: 17.3 × 7.1 × 1.7 in. (440 × 180 × 44 mm)
Operating Temperature: 0°C-40°C (32°F-104°F)
Storage Temperature: -40°C-70°C (-40°F-158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Power: 100-240VAC, 50/60Hz
Power Consumption: 21.4 W (220/50Hz. no PD connected),
286.64 W (220/50Hz. with 250W PD connected)
Max Heat Dissipation: 72.97 BTU/h (no PD connected),
977.44 BTU/h (with 250W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years
Manufacturer: TP-Link

#### Unmanaged switch, 24x 10/100/1000 RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SG1024D)

Standards: IEEE 802.3/u 802.3ab 802.3x

Copper ports: 24x 10/100/1000 Mbps RJ-45

Auto MDI/MDI-X: yes

Auto-negotiation (Nway): yes

Switching architecture / speed: Store and Forward

Packet flow control: Flow-Control, Back-Pressure

Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps

Difficisions: 2941 four44 frim
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, -230V AC 50Hz
Certificates:CE, FCC
Warranty period: 5 years
Manufacturer: TP-Link

# Unmanaged switch, 24x 10/100/1000 RJ-45, 19" (TP-Link TL-SG1024)

(TP-Link TL-SG1024)

Standards: IEEE 802.3/u
Copper ports: 24x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1488 000 pps (1000 Mbps)
Housing / case type: 19", metal
Dimensions: 440x180x44 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC
Warranty period: 5 years

Warranty period: 5 years Manufacturer: TP-Link

10/167





Net Price: 190.00 USD Unit: pcs



#### #06856

Net Price: 282.00 USD Unit: pcs



#### #04666

Net Price: 17.60 USD Unit: pcs

#### Unmanaged switch, 24x 10/100/1000 RJ-45, 2x 10/100/1000 RJ-45, 2x SFP, PoE+ (TP-Link TL-SL1226P)

- 24× PoE+ 10/100 Mbps RJ45 ports, 2× Gigabit RJ45 ports,
- and 2× combo Gigabit SFP slots
   High PoE power budget with up to 30 W for each PoE port and 250 W for all PoE ports\*
  - Up to 250 m data and power PoE transmission range under
- Extend Mode\*\*, ideal for surveillance system
- Priority Mode ensures high priority of ports 1-8 to guarantees the quality of sensitive applications like video monitor
- Isolation Mode allows one-click client traffic separation for
- higher security and performance Plug and play, with no configuration and installation needed Standards: EEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE

802.3x
Copper ports: 24x 10/100/1000 Mbps RJ-45, 2x 10/100/1000 Mbps RJ-45
SFP slots: 2× Combo Gigabit SFP Slots
Standard: 802.3af compliant
PoE Ports: Port1- Port24
Power Supply: 250W
Advanced Features: Compatible With IEEE 802.3at/af
Compliant PDs, Extend Mode (Up to 250m PoE power supply and data transmission), Priority Mode, Isolation Mode, PD
Detection, Intelligent Power Supply, Mac Address
Auto-Learning and Auto-Aging, IEEE802.3x Flow Control
Switching architecture / speed: Store and Forward
Mac Address Table: 8 K
Dimensions: 440 × 180 × 44 mm
Fan Quantity: 2 Fans

Dimensions: 440 × 180 × 44 mm
Fan Quantity: 2 Fans
Operating Temperature: 0°C~40°C (32°F~104°F)
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: internal, ~230V AC 50Hz
Power Consumption: Maximum (PoE on)- 294W
(220V/50Hz), Maximum (PoE off)- 18.32W (220V/50Hz)
Certificates: CE, FCC, RoHS
Manufacturer: TP-Link

## Unmanaged switch, 48x 10/100/1000 RJ-45, 19" (TP-Link TL-SF1048)

48 10/100/1000Mbps RJ45 ports

Supports MAC address self-learning and auto MDI/MDIX

Standard 19-inch rack-mountable steel case

Standard 19-inch fack-informable steel case

Standards: IEEE 802.3/u
Copper ports: 48x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps), 148 800 pps (1000 Mbps)
Housing / case type: 19", metal
Dimensions: 440x180x44 mm
Operating temperature: 0°C + 40°C Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC Warranty period: 5 years Manufacturer: TP-Link

### Smart switch, 5x 10/100/1000 RJ-45, desktop (TP-Link TL-SG105E)

- 5 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization and VLAN features
- Innovative energy-efficient technology reduces power output
- by up to 57%

   Simple network set-up on top of plug-and-play connectivity
- Simple configuration by web-based user interface1 and management utility

Standards: IEEE 802.3/u/ab/x/q/p
Copper ports: 5x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: 802.3X, QoS (IEEE802.1P), IGMP
Shonohing

Packet flow control: 802.3X, QoS (IEEE802.1P), IGMP Snooping Housing / case type: desktop, metal Dimensions: 100x98x25 mm (3,9 x 3,9 x 1,0 cala) Operating temperature: 0°C ÷ 40°C Operating humidity: 10% ÷ 90%, non-condensing Power: 100-240VAC, 50/60Hz Certificates: CE, FCC, RoHS Package Contents: TL-SG105E, Power Cord, Installation Guide, Resource CD, Rubber Feet System Requirements: MicrosoftC WindowsC for running

System Requirements: MicrosoftC WindowsC for running Utility
Warranty: 5 years
Manufacturer: TP-Link





Net Price: 80.70 USD Unit: pcs



#09194

Net Price: 137.00 USD Unit: pcs



#09135

Net Price: 50.90 USD Unit: pcs

## Smart switch, 5x 10/100/1000 RJ-45, PoE+, desktop (TP-Link TL-SG105MPE)

- Five 10/100/1000Mbps RJ45 ports
- Equipped with four 802.3af/at PoE+ ports with up to 30W for each port, data, and power can be transferred on one single cable
- Supports PoE power up to 120 W for all PoE ports\*
   Provides network monitoring, traffic prioritization, VLAN features, and PoE Auto Recovery
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and Easy Smart Configuration Utility simplify configuration - Fanless design lowers energy consumption and eliminates
- operating noise

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p, IEEE 802.3at

802.3at
Copper ports: 5x 10/100/1000 Mbps RJ-45
PoE+ Ports: Port1- Port4
Power Supply: 120W
Switching Capacity: 10Gbps
Packet Forwarding Rate: 7.44 Mpps
Mac Address Table: 2K
Jumbo Frame: 16 KB
Packet Buffer Memory: 1.5 Mb
Auth MD/MDLX\* ves

Packet Buffer Memory: 1.5 Mb
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Quality of Service: Support Port-Based/802.1p/DSCP priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping V1/V2/V3, Static Link
Aggregation, Port Mirroring, Cable Diagnostics, Loop
Prevention, PoE Auto Recovery, Extend Mode
VLAN: Supports up to 32 VLANs simultaneously (out of 4K
VLAN IDs), MTU/Port/Tag VLAN
Management: Web-based GUI, Easy Smart Configuration
Utility

Utility
Housing / case type: desktop, metal
Dimensions: 3.9 × 3.9 × 1.0 in (99.8 × 98 × 25 mm)
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: External Power Adapter (Output 53.5 VDC/2.43 A)
Power Consumption: 4.34W (max. no PD connected),
137.01W (max. with 65W PD connected)
Max Heat Dissipation: 14.8BTU/h(no PD connected),
467.17BTU/h(with 65W PD connected)
Certificates: CE, FCC, RoHS
Package Contents: TL-SG105MPE, Power Cord, Installation
Guide, Resource CD, Rubber Feet
System Requirements: MicrosoftC WindowsC for running
Utility

Warranty: 5 years Manufacturer: TP-Link

#### Smart switch, 9x 10/100/1000 RJ-45, 1 SFP slots, PoE+, desktop (TP-Link TL-SG1210MPE)

- 9× gigabit RJ45 ports and 1× combo gigabit SFP/RJ45 port
- Equipped with eight 802.3af/at PoE+ ports with up to 30 W for each port, the switch can transfer data and power via one single cable
- Supports PoE power up to 123 W for all PoE ports
- Provides network monitoring, traffic prioritization, VLAN features, and PoE Auto Recovery
- Simple network set-up on top of plug-and-play connectivity Web-based user interface and Easy Smart Configuration Utility simplify configuration
- Fanless design lowers energy consumption and eliminates

Standards: IEEE 802.3/i/u/ab/af/x/q/p/at/z Copper ports: 9x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX) PoE+, 1x 10/100/1000 Mbps RJ-45

Free slots: 1x 1000 Mbps SFP PoE Ports (RJ45) Standard: 802.3af/at compliant PoE Ports: 8 Ports Power Supply: 123W Performance Packet Forwarding Rate: 14.88 Mpps Bandwidth/Backplane: 20Gbps MAC Address Table: 4k Jumbo Frame: 16 KB Software features

Software features
Transmission Method: Store-And-Forward
Quality of Service: Support Port-Based/802.1p/DSCP priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping V1/V2/V3, Static Link
Aggregation, Port Mirroring, Cable Diagnostics, Loop
Prevention

VLAN: Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs), MTU/Port/Tag VLAN PoE: Extend Mode, PoE Auto Recovery Management: Web-based GUI, Easy Smart Configuration

Utility
Housing / case type: 19", metal
Dimensions: 209 x 126 x 26 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: 100~240VAC, 50/60Hz, External Power
Adapter(Output 53.5V DC / 2.43A)
Power Consumption: Maximum (PoE on) 141.54W, Maximum
(PoE off) 7 66W

(PoE off) 7.66W

Fan Quantity: 0 Certificates:CE, FCC, RoHS Manufacturer: TP-Link

## Smart switch, 5x 10/100/1000 RJ-45, PoE+, desktop (TP-Link TL-SG105PE)

- Five 10/100/1000Mbps RJ45 ports
- Equipped with four 802.3af/at PoE+ ports with up to 30W for each port, data, and power can be transferred on one single cable
- Supports PoE power up to 65 W for all PoE ports\*
   Provides network monitoring, traffic prioritization, VLAN features, and PoE Auto Recovery
- Simple network set-up on top of plug-and-play connectivity - Web-based user interface and Easy Smart Configuration Utility simplify configuration
- Fanless design lowers energy consumption and eliminates operating noise

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p, IEEE 802.3at

Copper ports: 5x 10/100/1000 Mbps RJ-45 PoE+ Ports: Port1- Port4 Power Supply: 65W
Switching Capacity: 10Gbps
Packet Forwarding Rate: 7.44 Mpps

Packet Forwarding Rate: 7.44 Mpps
Mac Address Table: 2K
Jumbo Frame: 16 KB
Packet Buffer Memory: 1.5 Mb
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Quality of Service: Support Port-Based/802.1p/DSCP priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping V1/V2/V3, Static Link
Aggregation, Port Mirroring, Cable Diagnostics, Loop
Prevention, PoE Auto Recovery, Extend Mode
VLAN: Supports up to 32 VLANs simultaneously (out of 4K
VLAN IDs), MTU/Port/Tag VLAN
Management: Web-based GUI, Easy Smart Configuration
Utility
Housing / case type: desktop, metal

Utility
Housing / case type: desktop, metal
Dimensions: 3.9 × 3.9 × 1.0 in (99.8 × 98 × 25 mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter (Output 53.5 VDC/1.31 A)
Power Consumption: 4.52W (max. no PD connected),
75.16W (max. with 65W PD connected)
Max Heat Dissipation: 15.41BTU/h(no PD connected),
256.30BTU/h(with 65W PD connected)
Certificates: CE, FCC, RoHS
Package Contents: TL-SG105PE, Power Cord, Installation
Guide, Resource CD, Rubber Feet
System Requirements: MicrosoftC WindowsC for running
Utility

Utility
Warranty: 5 years
Manufacturer: TP-Link





Net Price: 155.00 USD Unit: pcs



#09139 Net Price:

77.00 USD Unit: pcs

#09140 Net Price: 94.00 USD Unit: pcs

## Smart switch, 8x 10/100/1000 RJ-45, 2x SFP, PoE+ (TP-Link TL-SG2210MP)

- 150 W PoE Budget: 8× 802.3at/af-compliant PoE+ ports with a total power supply of 150 W.
- Full Gigabit Ports: 8× gigabit PoE+ ports and 2× gigabit SFP Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.

   Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm Control, DHCP Snooping, 802.1X. Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standards: IEEE 802.3/i/u/ab/ad/x/d/s/w/q/p
Copper ports: 8x 10/100/1000 Mbps RJ-45 (Auto
Negotiation/Auto MDI/MDIX)
SFP Slots: 2x 100/1000 Mbps SFP Slots
PoE Ports (RJ45): Standard 802.3af/at compliant, PoE Ports
8 Ports, Power Supply 150 W

Fan Quantity: 1 Performance

Bandwidth/Backplane: 20Gbps Packet Forwarding Rate: 14.9 Mpps MAC Address Table: 8k Packet Buffer Memory: 4.1 Mbit

Jumbo Frame: 9 KB Software features

Sumbol Frame: 9 KB Software features Quality of Service: Support 802.1p CoS/DSCP priority, Support 4 priority queues, Queue scheduling-SP, WRR, SP+WRR, Port/Flow- based Rate Limiting L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay, DHCP L2 Relay, Link Aggregation, Static link aggregation, 802.3ad LACP, Up to 8 aggregation groups and up to 8 ports per group, Spanning Tree Protocol, 802.1b STP, 802.1w SSTP, 802.1s MSTP, STP Security TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection, Flow Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU Mirroring, One-to-One, Many-to-One, Flow-Based, Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/ LLDP-MED L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Junited IP Multicast (256 profiles and 16 entries per profile)

v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control SSHv1/SSHv2, IP/Port/MAC based access control

Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller (OC200), Omada Software Controller (Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPP1/Nzc/X-3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Dimensions: 11.6 x 7.1 x 1.7 in (294 x 180 x 44 mm) Mounting: Rackmount/Desktop Operating temperature: 0°C + 50°C Operating humidity: 10% + 90%, non-condensing Power: External Power Adapter (Output 53.5 VDC/ 1.31 A) Power Consumption: 12.2 W (220 V/50 Hz), 173.9 W (220 V/50 Hz) (with 150 W PD connected) Max Heat Dissipation: 41.63 BTU/h (with no PD connected), 539.35 BTU/h (with 150 W PD connected) Certificates: CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link

### Smart switch, 8x 10/100/1000 RJ-45, desktop (TP-Link TL-SG2008)

- Full Gigabit Ports: 8× gigabit RJ45 ports provide high-speed connections
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP), Centralized Cloud Management, and Intelligent
- Monitoring.
   Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
  - Robust Security Strategies: 802.1Q VLAN, ACL, Port
- Security, Storm Control, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Versatile Management: WEB/CLI managed modes, SNMP. and RMON bring abundant management features.

Standards: IEEE 802.3/i/u/ab/ad/x/d/s/w/q/p Copper ports: 8x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX)

Performance

Bandwidth/Backplane: 16Gbps MAC Address Table: 8k Packet Forwarding Rate: 11.9Mpps

Packet Forwarding Rate: 11.9Mpps
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 Features: IGMP Snooping V1/V2/V3, 802.3ad LACP (Up
to 6 aggregation groups, containing 4 ports per group),
Spanning Tree STP/RSTP/MSTP, LLDP, LLDP-Med, BPDU
Filtering/Guard, TC/Root Protect, Loop back detection,
802.3x Flow Control, VLAN Voice
VLAN: Supports up to 512 VLANs simultaneously (out of 4K
VLAN IDs)
Security: SSH v1/V2, SSL v2/V3/TLSv1, Port Security,
Broadcast/Multicast/Unknown-unicast Storm Control

Security: ŠSH v1/v2, SSL v2/v3/TLSv1, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control Management: Web-based GUI and CLI management, SNMP v1/v2c/v3, compatible with public MIBs and TP-LINK private MIBs, RMON (1, 2, 3, 9 groups), DHCP/BOOTP Client, DHCP Filtering, CPU Monitoring, Port Mirroring, Time Setting-SNTP, System Diagnose- VCT, SYSLOG & Public MIBS Firmware Upgrade: TFTP & Web Dimensions: 8, 2x4, 9x1.0 in. (209x126x26mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing Power: 12 VDC/1 A External Adapter or Obtain Power from PoE Source
Power Consumption: 6.4 W (220 V/50 Hz)
Fan Quantity: Fanless

Fan Quantity: Fanless Certificates:CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link

# Smart switch, 8x 10/100/1000 RJ-45, PoE+, desktop (TP-Link TL-SG2008P)

- 62 W PoE Budget: 4× 802.3at/af-compliant PoE+ ports with
- -62 W PoL Budget: 4× 802.3at/at-compliant PoL+ ports a total power supply of 62 W\*.
  -Full Gigabit Ports: 4× gigabit PoE+ ports and 4× gigabit non-PoE ports provide high-speed connections.
   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.

  - Robust Security Strategies: IP-MAC-Port Binding, ACL, Port
- Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standards: IEEE 802.3/i/u/ab/ad/x/d/s/w/q/p Copper ports: 8x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX)

PoE Ports (RJ45): Standard 802.3af/at compliant, PoE Ports 4 Ports, Power Supply 62 W

Performance

Bandwidth/Backplane: 16Gbps MAC Address Table: 8k Packet Buffer Memory: 4.1 Mbit

Packet Buffer Memory: 4.1 Mbit
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 Features: IGMP Snooping V1/V2/V3, 802.3ad LACP (Up
to 6 aggregation groups, containing 4 ports per group),
Spanning Tree STP/RSTP/MSTP, LLDP, LLDP-Med, BPDU
Filtering/Guard, TC/Root Protect, Loop back detection,
802.3x Flow Control, VLAN Voice
VI AN: Supports un to 512 VI ANs simultaneously (out of 4K

VLAN: Supports up to 512 VLANs simultaneously (out of 4K

VLAN IDs)
Security: SSH v1/v2, SSL v2/v3/TLSv1, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control

Omada App: Yes

Offiada App. Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Dimensions: 8.2x4,9x1.0 in. (209x126x26mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter (Output 53.5 VDC/ 1.31 A)
Power Consumption: 7.9W (220 V/50 Hz), 79.2 W (220 V/50 Hz) (with 62 W PD connected)
Fan Quantity: Fanless

Fan Quantity: Fanless Certificates:CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link





Net Price: 124.00 USD Unit: pcs



#08534

Net Price: 25.10 USD Unit: pcs



#04669

Net Price: 59.60 USD Unit: pcs

## Smart switch, 8x 10/100/1000 RJ-45, PoE+, desktop (TP-Link TL-SG2210P)

- 61 W PoE Budget: 8× 802.3af/at-compliant PoE+ ports with a total power supply of 61 W\*.
- Full Gigabit Ports: 8× gigabit PoE+ ports and 2× gigabit SFP Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.

  - Robust Security Strategies: IP-MAC-Port Binding, ACL, Port
- Security, DoS Defend, Storm Control, DHCP Snooping, 802.1X. Radius Authentication, and more.
- Optimized Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Versatile Management: WEB/CLI managed modes, SNMP, and RMON bring abundant management features.

Standards: IEEE 802.3/i/u/ab/ad/x/d/s/w/q/p
Copper ports: 8x 10/100/1000 Mbps RJ-45 (Auto
Negotiation/Auto MDI/MDIX)
POE Ports (RJ45): Standard 802.3af/at compliant, PoE Ports
8 Ports, Power Supply 61 W
Performance

Pentimance Bandwidth/Backplane: 20Gbps Packet Forwarding Rate: 14.88 Mpps MAC Address Table: 8k

Packet Buffer Memory: 4.1 Mbit Jumbo Frame: 9 KB Software features

Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 Features: IGMP Snooping V1/V2/V3, 802.3ad LACP (Up
to 6 aggregation groups, containing 4 ports per group),
Spanning Tree STP/RSTP/MSTP, LLDP, LLDP-Med, BPDU
Filtering/Guard, TC/Root Protect, Loop back detection,
802.3x Flow Control, VLAN Voice
VI AN'S upports un to 512 VI ANS simultaneously (out of 4K)

VLAN: Supports up to 512 VLANs simultaneously (out of 4K

VLAN IDS)
Security: SSH v1/v2, SSL v2/v3/TLSv1, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control Management

Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller Cloud Access: Yes (Through OC300, OC200, Omada Colud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Dimensions: 8.2x4.9x1.0 in. (209x126x26mm) Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Power: External Power Adapter (Output 53.5 VDC/ 1.31 A) Power Consumption: 10,5 W (220 V/50 Hz) (with 58 W PD connected) Fan Quantity: Fanless Certificates: CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link

### Smart switch, 8x 10/100/1000 RJ-45, desktop (TP-Link TL-SG108E)

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3v, IEEE 802.1q, IEEE 802.1p
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
MAC Address Table: 8K
Packet Buffer Memory: 2Mb
Packet Forwarding Rate: 11.9Mpps
Jumbo Frame: 16KB
Quality of Service: Support Port Based/802.1p Based priority,
Support 4 priority queues, Rate Limit, Storm Control Quality of Service: Support Port Based/802.1p Based priorit Support 4 priority queues, Rate Limit, Storm Control L2 Features: IGMP Snooping, Link Aggregation, Port Mirroring, Cable Diagnostics, Loop Prevention VLAN: Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs), MTU/Port/Tag VLAN
Transmission Method: Store-And-Forward Housing / case type: desktop, metal Dimensions: 158x101x25 mm (6.2x4.0x1.0 cala)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing Power: 100-240VAC, 50/60Hz
Certificates:CE, FCC, RoHS
Warranty: 5 years
Manufacturer: TP-Link

Manufacturer: TP-Link

## Smart switch, 8x 10/100/1000 RJ-45, PoE, desktop (TP-Link TL-SG108PE)

- 8 10/100/1000Mbps RJ45 ports
- With 4 PoE ports, data and power can be transferred on one single cable
- Provides network monitoring, traffic prioritization and VLAN
- features
   Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and Easy Smart Configuration Utility simplify configuration

Othiny simpliny configuration
Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Copper ports: 8x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Standard: 802.3 af compliant
PoE Ports: Port 1- Port 4
PoE Power Budget: 55W
Switching architecture / speed: Store and Forward

FOE Power Budget: 55W
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching Capacity: 16Gbps
MAC Address Table: 4K
Packet Buffer Memory: 1.5Mb
Packet Forwarding Rate: 11.9Mpps
Jumbo Frame: 16KB
Outsilt of Service: Support Pack Paced 1003 1 - 2019
Utility of Service: Support Pack Paced 1003 1 - 2019

Jumbo Frame: 16KB
Quality of Service: Support Port Based/802.1p Based priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping, Link Aggregation, Port
Mirroring, Cable Diagnostics, Loop Prevention
VLAN: Supports up to 32 VLANs simultaneously (out of 4K
VLAN IDs), MTU/Port/Tag VLAN
Transmission Method: Store-And-Forward
Housing / case type: desktop, metal
Dimensions: 158x101x25 mm (6.2x4.0x1.0 cala)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter(Output 48VDC / 1.25A)
Power Consumption: Maximum (PoE of) 65.2W
(220V/50Hz), Maximum (PoE of) 5.2W (220V/50Hz)

Power Consumption: Maximum (PoE on) 95.2W (220V/50Hz), Maximum (PoE off) 5.2W (220V/50Hz) Certificates:CE, FCC, RoHS Package Contents: TL-SG108PE, Power Adapter, Installation Guide, Resource CD, Rubber Feet System Requirements: MicrosoftŽ WindowsŽ for running

Utility Warranty: 5 years Manufacturer: TP-Link

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Net Price: 176.00 USD Unit: pcs

#09267

### Smart switch, 16x 10/100/1000 RJ-45, PoE+ (TP-Link TL-SG2016P)

- 120 W PoE Budget: 8× 802.3at/af-compliant PoE+ ports with a total power supply of 120 W.
- Full Gigabit Ports: 8× gigabit PoE+ ports and 8× gigabit non-PoE ports provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standards: IEEE 802.3i, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1p, IEEE 802.1x

SUZ.1X
Copper ports: 16x 10/100/1000 Mbps RJ-45 (Ports 1-8
Support 802.3at/af PoE+)
Fan Quantity: Fanless
POE Ports: Standard 802.3 at compliant, PoE Ports Port 1Port 8, Power Supply 120 W

Performance:

Bandwidth/Backplane: 16 Gbps

Bandwidth/Backplane: 16 Gbps
MAC Address Table: 8k
Packet Buffer Memory: 4.1 Mbit
Jumbo Frame: 9 KB
Software features
Quality of Service: 802.1p CoS/DSCP priority, 8 priority
queues, Priority Schedule Mode, SP (Strict Priority), WRR
(Weighted Round Robin), Queue Weight Config, Bandwidth
Control, Port/Flow-based Rating Limit, Smoother
Performance, Storm Control, Multiple Control
Modes(kbps/ratio), Broadcast/Multicast/Unknown-Unicast
Control Control

Control
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multirast; 511 IPV4, IPV6 shared multireast groups, IGMP.

802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/V2/v3 Snooping, Fast Leave, IGMP
Snooping, IGMP v1/V2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery, (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracerff, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Ittp/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN 12 Entries, Protocol VLAN, GVRP, Voice
VLAN

Access Control List: Support up to 230 entries, Time-Range,

VLAN
Access Control List: Support up to 230 entries, Time-Range,
Time Slice, Week Time-Range, Absolute Time-Range,
Holiday, Time-based ACL, MAC ACL, Source MAC,
Destination MAC, VLAN ID, User Priority, Ether Type, IP
ACL, Source IP, Destination IP, IP Protocol, TCP Flag,
TCP/IDP Source Port, TCP/IDP Destination Port, DSCP/IP
TOS, IPv6 ACL, Combined ACL, Rule Operation,
Permit/Deny, Policy Action, Mirror, Rate Limit, Redirect, QoS
Remark, ACL Rules Binding, Port Binding, VLAN Binding,
Actions for flows, Mirror (to supported interface), Redirect (to
supported interface), Rate Limit, QoS Remark
Security: AAA, 802.1X, Port-based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPV6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm
Control, kbps/ratio control mode, Port Isolation, Secure web
management through HTTPS with SSLv3/TLS 1.2, Secure
Command Line Interface (CLI) management with
SSHv1/SSHv2, IP/Port/MAC-based access control

SSHv1/SSHv2, IP/Port/MAC-based access control Advanced Features: Automatic Device Discovery, Batch Configuration, Batch Firmware Upgrading, Intelligent Network

Configuration, Batch Firmware Upgrading, Intelligent Network Monitoring, Abnormal Event Warnings, Unified Configuration, Reboot Schedule
MIBs: MIB II (RFC1213), Bridge MIB (RFC1493), P/Q-Bridge
MIB (RFC2674), Radius Accounting Client MIB (RFC2620),
Radius Authentication Client MIB (RFC2618), Remote Ping,
Traceroute MIB (RFC2925), Support TP-Link private MIBs,
RMON MIB(RFC1757, rmon 1,2,3,9)

RMON MIB(RFC1757, rmon 1,2,3,9)
Management
Omada App: Yes, through, Omada Cloud-Based Controller,
OC300, OC200, Omada Software Controller
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes, through, Omada Cloud-Based Controller,







Net Price: 223.00 USD Unit: pcs



#09143

Net Price: 124.00 USD Unit: pcs

#08531

Net Price: 69.60 USD Unit: pcs

## Smart switch, 16x 10/100/1000 RJ-45, 2x SFP, PoE+, 19" (TP-Link TL-SG2218P)

- 150 W PoE Budget: 16× 802.3at/af-compliant PoE+ ports
- with a total power supply of 150 W\*.

   Full Gigabit Ports: 16× gigabit PoE+ ports and 2× gigabit SFP Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.

  - Static Routing: Helps route internal traffic for more efficient
- use of network resources.
- ase of network resources.

  Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- IPv6: IPv6 support with dual IPv4/IPv6 stack, MLD snooping, IPv6 neighbor discovery

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3az, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1q, IEEE 802.1p, IEEE

Negotiation/Auto MDI/MDIX) SFP Slots: 2× Gigabit SFP Slots

Fan Quantity: 1
PoE Ports (RJ45): Standard 802.3at/af compliant, PoE+ Ports 16 Ports, PoE Power Budget 150 W

Performance

Bandwidth/Backplane: 36Gbps

MAC Address Table: 8k
Packet Forwarding Rate: 26.8Mpps

Software features

Somware reatures
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,

SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MultiV1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/IUDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(V6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Sonoping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 183 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm
Control, kbps/ratio control mode, Port Isolation, Secure web
management through HTTPS with SSLv3/TLS 1.2, Secure
Command Line Interface (CLI) management with

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPV1/v2c/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: 100-240 V AC~50/60 Hz
Max Power Consumption: 181.4 W (110 V/60 Hz) (with 150
W PD connected), 178.3 W (220 V/50 Hz) (with 150 W PD
connected)

Max Heat Dissipation: 619.06 BTU/hr (110 V/60 Hz) (with 150 W PD connected), 608.52 BTU/hr (220 V/50 Hz) (with 150 W PD connected)

Certificates:CE, FCC, RoHS Warranty period: 5 year Manufacturer: TP-Link

## Smart switch, 16x 10/100/1000 RJ-45, 2x SFP, 19" (TP-Link TL-SG2218)

- Full Gigabit Ports: 16× gigabit RJ45 ports and 2× gigabit
- SFP Slots provide high-speed connections.

   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*, Centralized Cloud Management, and Intelligent
- Monitoring.
   Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
  - Static Routing: Helps route internal traffic for more efficient
- use of network resources.
   Robust Security Strategies: IP-MAC-Port Binding, ACL, Port
- Security, DoS Defend, Storm control, DHCP Snooping, 802.1X. Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management

Standards: IEEE 802.3/i/u/ab/ad/x/d/s/w/g/g Copper ports: 16x 10/100/1000 Mbps RJ-45 (Auto Negotiation/Auto MDI/MDIX) SFP Slots: 2× Gigabit SFP Slots

Performance Bandwidth/Backplane: 36Gbps MAC Address Table: 8k

Bandwidth/Backplane: 36Gbps
MAC Address Table: 8k
Packet Forwarding Rate: 26.8Mpps
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP/MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)

Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication. Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSH1/ISSH2/IP/Port/MAC based access control SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes

Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: 100-240 V AC-50/60 Hz
Power Consumption: 12,3 W (220 V/50 Hz)
Fan Quantity: Fanless Fan Quantity: Fanless Certificates:CE, FCC, RoHS Warranty period: 5 years

Manufacturer: TP-Link

## Smart switch, 16x 10/1000 RJ-45, 19" Rack-mounting Bracket (TP-Link TL-SG1016DE)

- 16 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization and VLAN features
- Innovative energy-efficient technology reduces power output
- by up to 40%
   Simple network set-up on top of plug-and-play connectivity
- Centrally manage all Easy Smart Switches with Easy Smart Configuration Utility
- 19" Rack-mounting Bracket

Colingulation Unity
- 19" Rack-mounting Bracket

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Copper ports: 16x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching Capacity: 32Gbps
MAC Address Table: 8K
Packet Buffer Memory: 512KB
Packet Forwarding Rate: 23.8Mpps
Jumbo Frame: 10240Bytes
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100
Mbps), 1 488 000 pps (1000 Mbps)
Dimensions: 11.6x7.1x1.7 in. (294x180x44 mm)
Operating Temperature: 0°C-40°C (32°F~104°F)
Storage Temperature: 40°C-70°C (40°F~1168°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC, RoHS
Warranty period: 5 years
Manufacturer: TP-Link





Net Price: 159.00 USD Unit: pcs



#### #09033

Net Price: 207.00 USD Unit: pcs



#### #08532

Net Price: 99.40 USD Unit: pcs

#### Smart switch, 16x 10/100/1000 RJ-45, PoE+, 19" Rack-mounting Bracket (TP-Link TL-SF1016PE)

- 16 10/100/1000Mbps RJ45 ports
- Equipped with 8 PoE+ supported ports to transfer data and power over a single cable
  - With a total PoE power budget of 110W, up to 30W per port
- Works with IEEE 802.3af/at compliant devices, expanding home and office networks
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and management utility simplify configuration

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p Copper ports: 16x 10/100/1000 Mbps RJ-45

Fan Quantity: 1
PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1Port 8, PoE Power Budget 110W, Power Supply 53W

Performance: Switching Capacity: 32Gbps
Packet Forwarding Rate: 23.81Mpps
MAC Address Table: 8K
Packet Buffer Memory: 4.1Mb
Jumbo Frame: 9KB
Software features:
Quality of Service: Support Part have

Quality of Service: Support Port-based/802.1p/DSCP priority, Support 4 priority queues, Rate Limit, Storm Control L2 Features: IGMP Snooping V1/V2/V3, Static Link Aggregation, Port Mirroring, Cable Diagnostics, Loop Prevention

Prevention
VLAN: Supports up to 128 VLANs simultaneously (out of 4K VLAN IDs), MTU/Port/Tag VLAN
Management: Web-based GUI, Easy Smart Configuration
Utility

Transmission Method: Store-And-Forward Transmission Method: Store-And-Forward
Dimensions: 11.6x7.1x1.7 in. (294x180x44 mm)
Operating Temperature: 0°C-40°C (32°F-104°F)
Storage Temperature: -40°C-70°C (-40°F-758°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Power: 100-240VAC, 50/60Hz
Power Consumption: 14.72W (110V/60Hz with no PD connected), 131.42W (110V/60Hz with 110W PD connected)
Max Heat Dissipation: 50.22 BTU/h (with no PD connected), 448.41 BTU/h (with 110W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years
Manufacturer: TP-Link

### Smart switch, 16x 10/100/1000 RJ-45, 2x SFP, PoE+, 19" (TP-Link TL-SG1218MPE)

- 16 10/100/1000Mbps RJ45 PoE+ Ports Switch with 2 SFP Slots
- PoE power budget is up to 192W, making it ideal for small to medium business surveillance systems
- Port Priority is able to guarantee the quality of sensitive application like video monitor
- Intelligent power management can protect the switch from overload
- QoS is for smooth internet-surfing experience and IGMP Snooping is capable of optimizing traffic for IPTV.

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1p

Copper ports: 16x 10/100/1000 Mbps RJ-45 SFP Ports: 2 Gigabit SFP Ports

Fan Quantity: 2
POE Ports: Standard 802.3 at compliant, PoE Ports Port 1-Port 16, POE Power Budget 192W

Performance:

Switching Capacity: 36 Gb/s
Packet Forwarding Rate: 23,8 Mb/s
MAC Address Table: 8K

Packet Buffer Memory: 4.1Mb Jumbo Frame: 9KB Software features:

Software features:
Quality of Service: Support Port-based/802.1p/DSCP priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping V1/V2/V3, Static Link
Aggregation, Port Mirroring, Cable Diagnostics, Loop
Prevention
VLAN: Supports up to 128 VLANs simultaneously (out of 4K
VLAN IDs), MTU/Port/Tag VLAN
Management: Web-based GUI, Easy Smart Configuration
Itility

Utility

Utility
Transmission Method: Store-And-Forward
Dimensions: 17.3 x 7.1 x 1.7 in. (440 x 180 x 44 mm)
Operating Temperature: 0°C~40°C (32°F~104°F)
Storage Temperature: 40°C~70°C (40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 59%~90% non-condensing
Power: 100-240VAC, 50/60Hz
Power Consumption: 18.73 W (220/50Hz. no PD connected),
217.22 W (220/50Hz. with 192W PD connected)
Max Heat Dissipation: 63.89 BTU/h (no PD connected),
741.15 BTU/h (with 192W PD connected)
Certificates:CE, FCC, RoHS
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

## Smart switch, 24x 10/100/1000 RJ-45, 19" Rack-mounting Bracket (TP-Link TL-SG1024DE)

- 24 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization and VLAN features
- Innovative energy-efficient technology reduces power output by up to 40%
  - Simple network set-up on top of plug-and-play connectivity
- Centrally manage all Easy Smart Switches with Easy Smart Configuration Utility
- 19" Rack-mounting Bracket

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3a
802.3x, IEEE 802.1q, IEEE 802.1p
Copper ports: 24x 10/100/1000 Mbps RJ-45
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Switching architecture / speed: Store and Forward
Packet flow control: Flow-Control, Back-Pressure
Switching Capacity: 48Gbps
MAC Address Table: 8K
Packet Buffer Memory: 512KB
Packet Forwarding Rate: 35.7Mpps
Jumbo Frame: 10/240Rytes

Packet Forwarding Rate: 35.7Mpps
Jumbo Frame: 10240Bytes
Forwarding rate: 14 880 pps (10 Mbps), 148 800 pps (100 Mbps), 1 488 000 pps (100 Mbps), 1 488 000 pps (1000 Mbps)
Dimensions: 11.6x7.1x1.7 in. (294x180x44 mm)
Operating Temperature: 0°C-40°C (32°F-104°F)
Storage Temperature: 40°C-70°C (-40°F-158°F)
Operating Humidity: 10%-90% non-condensing
Storage Humidity: 5%-90% non-condensing
Power: internal, ~230V AC 50Hz
Certificates:CE, FCC, RoHS
Warranty period: 5 years

Warranty period: 5 years Manufacturer: TP-Link





Net Price: 287.00 USD Unit: pcs



overload

#09138

Net Price: 240.00 USD Unit: pcs

### Smart switch, 24x 10/100/1000 RJ-45, 4x SFP, PoE+, 19" (TP-Link TL-SG2428P)

- 250 W PoE Budget: 24× 802.3at/af-compliant PoE+ ports with a total power supply of 250 W.
- Full Gigabit Ports: 24× gigabit PoE+ ports and 4× gigabit SFP Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X. Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- IPv6: IPv6 support with dual IPv4/IPv6 stack, MLD snooping, IPv6 neighbor discovery

Standards: IEEE 802.3/i/u/ab/z/ad/x/d/s/w/q/p Copper ports: 24x 10/100/1000 Mbps RJ-45 (Auto

Negotiation/Auto MDI/MDIX)
SFP Slots: 4× Gigabit SFP Slots
PoE+ Ports(RJ45): Standard 802.3at/af compliant, PoE+ Ports 24 Ports, Power Supply 250 W Performance

Bandwidth/Backplane: 56Gbps MAC Address Table: 8k Packet Forwarding Rate: 41.7Mpps Packet Buffer Memory: 4.1 Mbit

Packet Buffer Memory: 4.1 Mbit
Jumbo Frame: 9 KB
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3s Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP

L2 Multicast: 511 IPV4, IPV6 shared multicast groups, IGMP Snooping, IGMP v1/02/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)

Group Coning, Limited IP Multicast (250 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Itttp/Ittps, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure were

Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,

Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller Cloud Access: Yes (Through OC300, OC200, Omada Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv11v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm) Operating temperature: 0°C + 50°C Operating humidity: 10% + 90%, non-condensing Power: 100-240 V AC-50/60 Hz
Power: Consumption: 32.1 W (110 V/ 60 Hz with no PD connected), 308.6 W (110 V/ 60 Hz with 250 W PD connected)

Connected)
Max Heat Dissipation: 109.53 BTU/h (with no PD connected), 1052.94 BTU/h (with 250 W PD connected)

Fan Quantity: 2 Certificates:CE, FCC, RoHS Warranty period: 5 years Manufacturer: TP-Link

### Smart switch, 26x 10/100/1000 RJ-45, 2x SFP, PoE+, 19" (TP-Link TL-SG1428PE)

- 24 10/100/1000Mbps RJ45 PoE+ Ports Switch with 2 SFP
- PoE power budget is up to 250 W\*, making it ideal for small to medium business surveillance systems
- Priority Mode helps to guarantee the quality of sensitive application like video monitoring
- PoE Auto Recovery enables system self-healing to guarantee the stable operation of PoE-connected devices QoS is for smooth internet-surfing experience and IGMP
- Snooping is capable of optimizing traffic for IPTV - Intelligent power management can protect the switch from

Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1p

Copper ports: 26x 10/100/1000 Mbps RJ-45 SFP Ports: 2 Gigabit SFP Ports

Fan Quantity: 2

PoE Ports: Standard 802.3 at compliant, PoE Ports Port 1-Port 24, PoE Power Budget 250W Performance:

Switching Capacity: 56 Gb/s
Packet Forwarding Rate: 41.7 Mb/s MAC Address Table: 8K Packet Buffer Memory: 4.1Mb Jumbo Frame: 9KB Software features:

Software features:
Quality of Service: Support Port-based/802.1p/DSCP priority,
Support 4 priority queues, Rate Limit, Storm Control
L2 Features: IGMP Snooping V1/V2/V3, Static Link
Aggregation, Port Mirroring, Cable Diagnostics, Loop
Prevention

VLAN: Supports up to 128 VLANs simultaneously (out of 4K VLAN IDs), MTU/Port/Tag VLAN Management: Web-based GUI, Easy Smart Configuration

Utility
Transmission Method: Store-And-Forward
Dimensions: 17.3 × 8.7 × 1.7 in. (440 × 220 × 44 mm)
Operating Temperature: 0°C~50°C (32°F~122°F)
Storage Temperature: -40°C~70°C (-40°F~158°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Power: 100-240VAC, 50/60Hz
Power Consumption: 27 W (220/50Hz. no PD connected), 304.7 W (220/50Hz. with 250W PD connected)
Max Heat Dissipation: 92.07 BTU/h (no PD connected), 1039.03 BTU/h (with 250W PD connected)
Certificates: CE, FCC, RoHS
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link







Net Price: 90.80 USD Unit: pcs

# Managed switch, 5x 10/100/1000 RJ-45, PoE++ (TP-Link SG2005P-PD)

- Up to 200 m PoE Distance: Standard PoE Passthrough to doubles PoE source-to-device transmission distance from 100 m (328 ft) to 200 m (656 ft) without losing gigabit speeds, perfect for long-range surveillance cameras and access
- 1-Port Gigabit PoE++ In and 4-Port PoE+ Out: Supports up to 64 W / 44 W / 19 W/ 6 W PoE budget output when powered by 802.3bt Type 4 (90 W), -802.3bt Type 3 (60 W), 802.3at, and 802.3af PoE, respectively.\*\*

  - Outdoor Weatherproof: IP55 waterproof, dustproof, and
- UV-resistant enclosure. Operation temperatures of -40 to 60 °C and 4KV lightning protection further ensure stable operation against harsh outdoor conditions.
  - Easy Installation: Easy to mount to a wall or pole with the
- provided mounting kits to flexibly fit your needs
- Centralized Cloud Management: Integrates into Omada SDN for cloud access, remote management, and multi-site management.
  - Value-Added Features Foster Touchpoint Experiences
- Static Routing, Access Control List (ACL), QoS, and VLAN.

Standards: IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bt, IEEE 802.3bt, IEEE 802.3bt, IEEE 802.1bt, IEEE 802.1bt, IEEE 802.1bt, IEEE 802.1ct, IEEE 80

suz. saffat Pot-PoE Power Budget:, 64 W when powered by 802.3bt Type 4 (90 W), 44 W when powered by 802.3bt Type 3 (60 W), 19 W when powered by 802.3at, 6 W when powered by 802.3af Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes Software features Quality of Service: Support 902 to Cos (DSCP and other)

Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping and 16
entries per profile)

v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 Spidications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, Ipv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

SSHV1/SSHV2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Management Features: Web-based GUI, Command Line National Could Hardware Could National Could Hardware Could National Could Nation Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 10
Packet Forwarding Rate: 7,44 Mpps
MAC Address Table: 8 K
Packet Buffer Memory: 4.1 Mbit
Jumbo Frame: 9 KB
Dimensions: 3,9 × 1,5 × 6,7 in (100 × 38,5 × 170 mm)
Fan Quantity: 0

Fan Quantity: 0

Pan Quantity: 0
Operating temperature: -40°C + 60°C
Operating humidity: 10% + 90%, non-condensing
Power: Obtain Power from 802.3af/at/bt PoE Source
Max Power Consumption: 71.5 W (when powered by 802.3bt

Type 4 (90 W))
Max Heat Dissipation: 243.99 BTU/hr (when powered by 802.3bt Type 4 (90 W))



Net Price: 235.00 USD Unit: pcs

#09145

Net Price: 102.00 USD Unit: pcs

### Managed switch, 8 slide-in 10G SFP+ slot, 19" (TP-Link TL-SX3008F)

- 10G Lightning-Fast Connections: 8× 10 Gbps SFP+ Ports enable high-bandwidth connectivity and non-blocking 160
- Gbps switching capacity.
   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Easy and convenient management with cloud access and Omada app
- Static Routing: Route internal traffic for the efficient use of network resources.
- Robust Security Strategies: Keep your data safe with systems including IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, and Radius Authentication.
- Voice and Video Application Optimization: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Ports: 8x 10G SEP+ Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Fan Quantity: Fanless

Console Port
Fan Quantity: Fanless
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener

entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TcPv6/IDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication. Authentication Method includes Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control. Mbs/ratio control mode. Port Isolation. Secure web Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

SSHV1/SSHV2, IP/POT/WIAC Dased access control
Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller or Omada Software Controller) Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 160
Packet Forwarding Rate: 119,04 Mpps
MAC Address Table: 32K MAC Address Table: 32K Jumbo Frame: 9 KB

Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm) Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100–230VAC 50/60Hz Max Power Consumption: 15.46 W (110 V/60 Hz) Max Heat Dissipation: 52.75 BTU/h (110 V/60 Hz) Certificates: CE, FCC

Warranty period: 5 years Manufacturer: TP-Link

#### Managed switch, 8x 10/100/1000 RJ-45, 2 slide-in SFP slot, 19" Rack-mounting Bracket (TP-Link TL-SG3210)

- Full Gigabit Ports: 8× gigabit RJ45 ports and 2× gigabit SFP Slots provide high-speed connections.
  - Integrated into Omada SDN: Zero-Touch Provisioning
- (ZTP)\*, Centralized Cloud Management, and Intelligent
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management
- Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, I Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web. CLI (Console Port. Telnet. SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 8x 10/100/1000 Mbps RJ-45 Free slots: 2x 1000 Mbps SFP
Additional ports: 1× RJ45 Console Port, 1× Micro-USB
Console Port

Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Auto-negotiation (Nway): yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p Cos/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IPi/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv8 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm
Control, kbps/ratio control mode, Po

Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Gbps]: 20
MAC address memory: 8000

MAC address memory: 8000 Packet Forwarding Rate: 14.89 Mpps Housing / case type: 11.6", metal, 19" brackets included Dimensions: 294x180x44 mm

Differsions: 29x 100x44 files Operating temperature: 0°C + 45°C Operating humidity: 10% ÷ 90%, non-condensing Power: internal, 100~230VAC 50/60Hz Max Power Consumption: 6.84 W (220 V/50 Hz) Max Heat Dissipation: 23.33 BTU/h (220 V/50 Hz) Certificates:CE, FCC

Warranty period: 5 years Manufacturer: TP-Link





Net Price: 389.00 USD Unit: pcs



#### #08574

Net Price: 300.00 USD Unit: pcs



#09268

Net Price: 546.00 USD Unit: pcs

#### Managed switch, 8x 100/1000/2500 RJ-45, 2 slide-in 10G SFP slot, PoE+, 19" (TP-Link TL-SG3210XHP-M2)

- 2.5G PoE+ Ports for WiFi 6: 8× 2.5 Gbps ports smash the gigabit barrier and unlock the full potential of WiFi 6 APs. - 10G Lightning-Fast Uplink: 2× 10 Gbps SFP+ slots enable high-bandwidth connectivity and non-blocking switching
- -240 W PoE Budget: 8× 802.3at/af-compliant PoE+ ports with a total power supply of 240 W\*.

   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.

  - Static Routing: Helps route internal traffic for more efficient
- use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more.
  - Optimize Voice and Video Applications: L2/L3/L4 QoS and
- IGMP snooping.

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 8x 100/1000/2500 Mbps RJ-45 Free slots: 2x SFP 10G Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes Software features

Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED

Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/ LLDP-MED

12 Multicast: 511 IPV4, IPV6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)

IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS.1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management

Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Cbps]: 80
Packet Forwarding Rate: 59,52 Mpps
MAC Address Table: 16 K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable

Housing / case type: Rack Mountable Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm) Fan Quantity: 2 Operating temperature: 0°C ÷ 50°C

Operating humidity: 10% + 90%, non-condensing Power: internal, 100~230VAC 50/60Hz Max Power Consumption: 17.24 W (110V/60Hz) (no PD connected), 291.49 W (110V/60Hz) (with 240 W PD

Connected)
Max Heat Dissipation: 58.82 BTU/h (110 V/60 Hz) (no PD connected), 994.56 BTU/h (110 V/60 Hz) (with 240 W PD

connected)
Certificates:CE, FCC, RoHS Warranty period: 5 year Manufacturer: TP-Link

### Managed switch, 16x 10/1000 RJ-45, 2x 100/1000 SFP, PoE+, 19" (Ubiquiti ES-16-150W)

RJ-45 (10/100/1000 Mbps): 16 SFP (100/1000 Mbps): 2 Management Interface: RJ45 Serial Port, Ethernet In/Out

Band
Power over Ethernet (PoE)
POE+ IEEE 802.3af/at: Pins 1, 2+; 3, 624VDC Passive PoE: Pins 4, 5+; 7, 8Power dedicated to PoE: 34.2W
Voltage Range 802.3at: 50-57V
Max. Passive PoE Wattage per Port: 17W
24V Passive PoE Voltage Range: 20-27V
Performance Performance

Switching Capacity in Gigabits per Second (Gbps): 36 Forwarding Rate (Mpps): 26.78

Software Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANs,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Eirmware Images and Configuration Files SMMP V1 v2 and Software Information Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files, SNMP v1, v2, and
v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy
(SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media
Endpoint Discovery (MED), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Spanning Tree
Compatibility, IEEE 802.1S - Multiple Spanning Tree
Compatibility, IEEE 802.1S - Multiple Spanning Tree
Compatibility, IEEE 802.19 - Virtual LANs with Port-Based
VLANS, IEEE 802.19 - Ethernet Priority with User
Provisioning and Mapping, IEEE 802.1X - Port-Based
Authentication with Guest VLAN Support, IEEE 802.3a 100ASSE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3a 1000BASE-T, IEEE 802.1ak - Virtual Bridged Local Area
Networks - Amendment 07 - Multiple Registration Protocol,
IEEE 802.3ac - VLAN Tagging, IEEE 802.3ad - Link
Aggregation, IEEE 802.3x - Flow Control, IEEE 802.10-2004
- Generic Attribute Registration Protocol - Clause 12 (GARP),
IEEE 802.1D-2004 - Dynamic L2 multicast registration Clause 10 (GMRP), IEEE 802.10-2003 - Dynamic VLAN
registration - Clause 11.2 (GVRP), RFC 4541 Considerations for Internet Group Management Protocol
(IGMP) Snooping Switches, RFC 5171 - Unidirectional Link
Detection (UDLD) Protocol
General
Dimensions: 443 x 43 x 221 mm (17.44 x 1.69 x 8.70")

Dimensions: 443 x 43 x 221 mm (17.44 x 1.69 x 8.70") Weight: 2.80 kg (6.17 lb) Weight With Mount Brackets: 2.89 kg (6.37 lb) Weight With Wouth Brackets: 2.09 kg (5.37 lb)
Power: 100-240VAC/50-60 Hz, Universal Input
Power Supply: AC/DC, Internal, 150W DC
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard

Manufacturer: Ubiquiti

### Managed switch, 24x SFP, 4 slide-in 10G SFP+ slot, 19" (TP-Link TL-SG3428XF)

- 10G Lightning-Fast Uplink: 4× 10 Gbps SFP+ slots enable high-bandwidth connectivity and non-blocking switching
- Gigabit Fiber Speeds: 20× gigabit SFP ports and 4× gigabit SFP/RJ45 Combo ports s offer high-speed and reliable connections to other switches and devices.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.
   Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X. Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and
- IGMP snooping.
   Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 4x combo 10/100/1000 Mbps RJ-45/SFP SFP ports: 20x SFP

SFP ports: 20x SFP
Free slots: 4x 10G SFP+
Additional ports: 1x RJ45 Console Port, 1x Micro-USB
Console Port
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Fan Quantity: 1 Fan
Software features

Fan Quantity: 1 Fan Software features
Quality of Service: Support 802.1p CoS/DSCP priority, Support 4 priority queues, Queue scheduling- SP, WRR, SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay, DHCP L2 Relay, Link Aggregation, Static link aggregation, 802.3ad LACP, Up to 8 aggregation groups and up to 8 ports per group, Spanning Tree Protocol, 802.1D STP, 802.1w RSTP, 802.1s MSTP, STP Security TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection, Flow Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU Mirroring, One-to-One, Many-to-One, Flow-Based, Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping, IGMP v1/v2/v3 Snooping, MLD Snooping, MLD Nooping, MILD snooping, Fast Leave, IGMP Snooping, Fast Leave, MLD Snooping, MLD Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery, INternet Software features

IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC Source IPV6 Address+Source MAL, Dos Derend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management

SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (Cloud-Based Controller), Omada Software Controller Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 128
Packet Forwarding Rate: 95,23 Mpps MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable
Dimensions: 17.3 × 8,7 × 1.7 in (440 × 220 × 44 mm)
Operating temperature: 0°C ÷ 45°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, 100~230VAC 50/60Hz
Max Power Consumption: 35,7 W (110 V/60 Hz)
Max Heat Dissipation: 121.81 BTU/h (110 V/60 Hz)
Certificates: CE, FCC
Warranty period: 5 years
Manufacturer: TP-Link

Manufacturer: TP-Link



Net Price: 362.00 USD Unit: pcs

## Managed switch L2, 24x 10/100/1000 RJ-45, 4x SFP port (Edge-corE ECS4110-28T)

10/100/1000 RJ-45 ports: 24 10/100/1000 RJ-45 ports: 24 SFP ports: 4 RJ-45 console port: 1 Performance Forwarding Rate [Mpps]: 41.7 Switching Capability [Gbps]: 56 L2 Features Flow Control: IEEE 802.3x for full duplex mode, Rack-Pressure for half dupley mode Flow Control: IEEE 802.3x for full duplex mode, Back-Pressure for half duplex mode Spanning Tree Protocol (STP): IEEE 802.1D (STP), IEEE 802.1w (RSTP), IEEE 802.1s (MSTP), BPDU Filter, Root Guard, BPDU Guard, Loopback Detection VLAN: Private VLAN, GVRP, IEEE 802.1v, MAC Based, IP Subnet VLAN, Port Based, Voice VLAN, VLAN Trunking Support IGMP: IGMP V1/v2/v3 snooping, IGMP Proxy spanding. IGMP Elimpt IGMP Elimpting IGMP Thruttling IGMP Immediate Support IGMP: IGMP v1/v2/v3 snooping, IGMP Proxy reporting, IGMP Filtering, IGMP Throttling, IGMP Immediate Leave, IGMP Querier
Others: MVR (Multicast VLAN Registration), Supports QinQ, Supports select QinQ, UDLD, G.8032 (ERPS), Supports jumbo frames up to 10KB, Supports Digital Diagnostic Monitoring (DDM), Cable Diagnostic, Auto-negotiation for port speed and duplex mode
Security
ACL: Base on src/dst IP, Base on IP protocol type, Base on TCP/I/IDP src dst Port Base on src/dst MAC.

ACL: Base on src/dst IP, Base on IP protocol type, Base on TCP/UDP src.dst Port, Base on src/dst MAC IEEE 802.1x: Port-based, MAC-based, VLAN Assignment Management Access Filtering: SNMP, WEB, Telnet TACACS+: Accounting, Authorization RADIUS (RFC2138): Authentication, Accounting Quality of Service (QoS): Priority Queues 4 hardware queues per port, 802.1p-based COS, IP DSCP-based COS, TCP/UDP Port-based COS, PHB (Per Hop Behavior - internal priority), Port-based default priority, WRR priority scheduling, Strict piority scheduling, Hybrid (WRR + Strict), Rate limiting (ingress and egress, per port base), DiffServ Rate Limiting; Ingress, Egress Others: ACL L2/L3/L4, HTTP and SSL ( Secured Web), Dynamic ARP inspection (DAI), Instruction lock (link detection), MAC Based Authentication, MAC Filter, SSH v1.5/v2.0 (Secured Telnet Session), Username/Password

v2.0 (Secured Telnet Session), Username/Password Authentication (Local/Remote) Management

Switch Management: CLI via console port or Telnet, WEB

Switch Management: CLI via console port or Teinet, WEB management
Firmware & Configuration: Firmware upgrade via TFTP server, Supports dual image, Supports auto configuration provision, Supports auto firmware upgrade, Multiple configuration files, Configuration file upload/download via TFTP server

Remote Monitoring (RMON): 1,2,3 & 9 groups SNMP: v1, v2c, v3 Others: BOOTP, DHCP client for IP address assignment, Others. BOOTP, BND-P client for it address assignment, SNTP, NTP, IP clustering, Port mirroring, VLAN mirror, SFlow, Event/Error Log/Syslog, Remote log(RFC3164),, SMTP, MIB /III, LLDP (802.1ab), Auto traffic control IPv6 Features: ICMPv6, ICMPv6 Redirect, IPv4/IPv6 Dual Protocol Stack, IPv6 Address Types (Unicast/Multicast), IPv6

Neighbor Discovery IPv6 Management: Support - IPv6 SNTP, SNMP over IPv6, IPv6 Telnet, Remote IPv6 Ping, IPv6 Syslog, IPv6 DNS Resolver, IPv6 TFTP, HTTP over IPv6, IPv6 sFlow

Resolver, IPV0 IFIF, IFIF O.S. I. I. I. General
MAC Address Table: 16K
LED Indicators: Port, Uplink, System, Diagnostic
Dimensions: 440 x 280 x 44 mm

Weight: 2.68kg Operating temperature: 0 ÷ 50°C

Operating humidity: 10% + 90%, noncondensing Regulatory approvals Certification: FCC Class A, CE, Safety Compliance- CB, Safety Compliance- UL Manufacturer: Edge-corE



Net Price: 366.00 USD Unit: pcs

#### Managed switch, 24x 10/100/1000 RJ-45, 4 slide-in SFP slot, PoE+, 19" (TP-Link TL-SG3428MP)

- 384 W PoE Budget: 24× 802.3at/af-compliant PoE+ ports
- with a total power supply of 384 W\*.
   Full Gigabit Ports: 24× gigabit PoE+ ports and 4× gigabit
- SFP Slots provide high-speed connections.
   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitorina.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities.

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 24x 10/100/1000 Mbps RJ-45 Free slots: 4x 1000 Mbps SFP Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Console Port
PoE+ Ports (RJ45): Standard 802.3at/af compliant, PoE+
Ports 24 Ports, up to 30 W per port, Power Budget 384 W
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,

Quality of Service: Support 802.1p CoS/DSCP priority, Support 4 priority queues, Queue scheduling-SP, WRR, SP+WRR, Port/Flow- based Rate Limiting L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay, DHCP L2 Relay, Link Aggregation, Static link aggregation, 802.3ad LACP, Up to 8 aggregation groups and up to 8 ports per group, Spanning Tree Protocol, 802.1b STP, 802.1w RSTP, 802.1s MSTP, STP Security TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection, Flow Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU Mirroring, One-to-One, Many-to-One, Flow-Based, Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/LLDP-MED

SOZ. 18D LEDP- MED LEDP - MED LED - MILED - MI

v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Statuc Group Config, Limited IP Multicast (256 profiles and 16 entries per profile) IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 asplications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Ittps, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, WAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management

Management Omada App: Yes

Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2/cV3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Gbps]: 56
Packet Forwarding Rate: 41.66 Mps
MAC Address Table: 16K

MAC Address Table: 16K Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 13.0 × 1.7 in (440 × 330 × 44 mm)

Fan Quantity: 2

Fan Quantity: 2 Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100~230VAC 50/60Hz Max Power Consumption: 31.0 W (110 V/60 Hz) (no PD connected), 463.8 W (110 V/60 Hz) (with 384 W PD

Max Heat Dissipation: 105.78 BTU/h (110 V/60 Hz) (no PD connected), 1582.49 BTU/h (110 V/60 Hz) (with 384 W PD

connected)
Certificates:CE, FCC, RoHS
Warranty period: 5 years

Net Price: 174.00 USD Unit: pcs

#09147



#08575 Net Price: 408.00 USD Unit: pcs

### Managed switch, 24x 10/100/1000 RJ-45, 4 slide-in SFP slot, 19" (TP-Link TL-SG3428)

- Full Gigabit Ports: 24× gigabit RJ45 ports and 4× gigabit
- SFP Slots provide high-speed connections.
   Integrated into Omada SDN: Zero-Touch Provisioning (ZTP), Centralized Cloud Management, and Intelligent Monitoring
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
  - Static Routing: Helps route internal traffic for more efficient
- use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X. Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T. IEEE802.3u 100Base-TX Copper ports: 24x 10/100/1000 Mbps RJ-45
Free slots: 4x 1000 Mbps SFP
Additional ports: 1x RJ45 Console Port, 1x Micro-USB

Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

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Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP

Lz Wullicast: 31 IP44, IP49 Shared mulicast groups, ISMP Snooping, ISMP V1/V2/V3 Snooping, Fast Leave, ISMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD V1/V2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 outside open Statics and Statics (256 profiles and 16 outside open Statics (256 profiles and 250 profiles and 250 profiles (256 profiles and 250 profiles (250 profiles and 250 p

Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/IHttps, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius PAPICAP-MDS, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Sudress+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Source IPV6 Address+Source MAC, Dos Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

SSHv1/SSHv2, IP/Port/MAC based access control
Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP
Trap/Inform, RMON (1.2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Gbps]: 56
Packet Forwarding Rate: 41.66 Mpps
MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable

Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm) Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100–230VAC 50/60Hz Max Power Consumption: 19.22 W (110 V/60 Hz) Max Heat Dissipation: 65.58 BTU/h (110 V/60 Hz) Certificates: CE, FCC Warranty neriod: 5 years

Warranty period: 5 years Manufacturer: TP-Link

### Managed switch, 24x 10/1000 RJ-45, 2x 100/1000 SFP, PoE+, 19" (Ubiquiti ES-24-250W)

RJ-45 (10/100/1000 Mbps): 24 SFP (100/1000 Mbps): 2

Management Interface: RJ45 Serial Port, Ethernet In/Out

Band
Power over Ethernet (PoE)
POE+ IEEE 802.3af/at: Pins 1, 2+; 3, 624VDC Passive PoE: Pins 4, 5+; 7, 8Power dedicated to PoE: 34.2W
Voltage Range 802.3at: 50-57V
Max. Passive PoE Wattage per Port: 17W
24V Passive PoE Voltage Range: 20-27V
Parformance

Performance

Switching Capacity in Gigabits per Second (Gbps): 52 Forwarding Rate (Mpps): 38.69 Software Information

Software Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANs,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files SMMP V1 v2 and

Management, Password Management, Autoinstall Support for Firmware Images and Configuration Files, SNMP v1, v2, and v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy (SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media Endpoint Discovery (MED), IEEE 802.1AB - Link Layer Discovery Protocol (LLDP), IEEE 802.1D - Spanning Tree Compatibility, IEEE 802.1S - Multiple Spanning Tree Compatibility, IEEE 802.1V - Rapid Spanning Tree Compatibility, IEEE 802.1V - Rapid Spanning Tree Compatibility, IEEE 802.1V - Rapid Spanning Tree Compatibility, IEEE 802.1V - Protrial LANs with Port-Based VLANs, IEEE 802.1EEE 802.1S - William VLANs, IEEE 802.1S - William VLANS, IEEE 802.3S - 1000BASE-T, IEEE 802.3u - 1000BASE-T, IEEE 802.3u - 1000BASE-T, IEEE 802.1S - VITUAL Bridged Local Area Networks - Amendment 07 - Multiple Registration Protocol, IEEE 802.3ac - VLAN Tagging, IEEE 802.3ad - Link Aggregation, IEEE 802.3x - Flow Control, IEEE 802.1D-2004 - Generic Attribute Registration Protocol - Clause 12 (GARP), IEEE 802.1D-2004 - Dynamic L2 multicast registration -

FEEE 802.1D-2004 - Dynamic L2 multicast registration - Clause 10 (GMRP), IEEE 802.1Q-2003 - Dynamic VLAN registration - Clause 11.2 (GVRP), RFC 4541 - Considerations for Internet Group Management Protocol (IGMP) Snooping Switches, RFC 5171 - Unidirectional Link Detection (UDLD) Protocol

Dimensions: 485 x 43.7 x 285.4 mm (19.09 x 1.72 x 11.24") Weight: 4.7 kg (10.4 lb) Weight With Mount Brackets: 4.8 kg (10.6 lb)

Weight With Worth Brackets: 4.6 kg (10.6 lb)
Power: 100-240VAC/50-60 Hz, Universal Input
Power Supply: AC/DC, Internal, 250W DC
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard

Manufacturer: Ubiquiti





Net Price: 552.00 USD Unit: pcs



#08864

Net Price: 408.00 USD Unit: pcs



#08984

Net Price: 552.00 USD Unit: pcs

### Managed switch, 24x 10/1000 RJ-45, 2x 100/1000 SFP, PoE+, 19" (Ubiquiti ES-24-500W)

FOILS RJ-45 (10/100/1000 Mbps): 24 SFP (100/1000 Mbps): 2 Management Interface: RJ45 Serial Port, Ethernet In/Out

Band
Power over Ethernet (PoE)
POE+ IEEE 802.3af/at: Pins 1, 2+; 3, 624VDC Passive PoE: Pins 4, 5+; 7, 8Power dedicated to PoE: 34.2W
Voltage Range 802.3at: 50-57V
Max. Passive PoE Wattage per Port: 17W
24V Passive PoE Voltage Range: 20-27V
Performance

Performance Fertifination Switching Capacity in Gigabits per Second (Gbps): 52 Forwarding Rate (Mpps): 38.69 Software Information Switching Capacity in Gigabits per Second (Gbps): 52
Forwarding Rate (Mpps): 38.69
Software Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANS,
Unauthenticated VLAN, Internal 802.1 X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files, SNMP v1, v2, and
v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy
(SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media
Endpoint Discovery (MED), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1 AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1 AB - Spanning Tree
Compatibility, IEEE 802.13 - Multiple Spanning Tree
Compatibility, IEEE 802.19 - Ethernet Priority with User
Provisioning and Mapping, IEEE 802.11 - Sport-Based
Authentication with Guest VLAN Support, IEEE 802.3 10BASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3a 100BASE-T, IEEE 802.1a - Virtual Bridged Local Area
Networks - Amendment 07 - Multiple Registration Protocol,
IEEE 802.3ac - VLAN Tagging, IEEE 802.3ad - Link
Aggregation, IEEE 802.1ak - Virtual Bridged Local Area
Networks - Amendment 07 - Multiple Registration Protocol,
IEEE 802.1bc.2004 - Dynamic L2 multicast registration
Clause 10 (GMRP), IEEE 802.1c-2003 - Dynamic VLAN
registration - Clause 11.2 (GVRP), RFC 4541 Considerations for Internet Group Management Protocol
(IGMP) Snooping Switches, RFC 5171 - Unidirectional Link
Detection (UDLD) Protocol
General
Dimensions: 485 x 43.7 x 285.4 mm (19.09 x 1.72 x 11.24")

Dimensions: 485 x 43.7 x 285.4 mm (19.09 x 1.72 x 11.24") Weight: 4.7 kg (10.4 lb) Weight With Mount Brackets: 4.8 kg (10.6 lb)

Weight With Mouth Brackers. 4.6 kg (10.5 lb)
Power: 100-240VAC/5-60 Hz, Universal Input
Power Supply: AC/DC, Internal, 500W DC
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard

Manufacturer: Ubiquiti

## Managed switch, 24x 10/1000 RJ-45, 2x SFP, PoE+, 19" (Ubiquiti UniFi US-24-250W)

RJ-45 (10/100/1000 Mbps): 24 SFP (100/1000 Mbps): 2

RJ45 Serial Port (Reserved for Future Use), Ethernet In/Out

Band: 1
Power over Ethernet (PoE)
Power over Ethernet (PoE)
Power dedicated to PoE: 34.2W
Max. Passive PoE Wattage per Port: 17W
PoE Interfaces: POE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-),
24VDC Passive PoE (Pins 4, 5+; 7, 8-)

Performance
Switching Capacity in Gigabits per Second (Gbps): 52

General

Dimensions: 485 x 43.7 x 285.4 mm
Weight: 4.7Kg
Power: 100-240 VAC 50~60 Hz, internal , universal Power: 100-240 VAC 50-60 Hz, internal , universal Max. Power Consumption: Including PoE Output - 250W, Excluding PoE Output - 30W Power Supply: AC/DC, Internal, 250W DC Operating temperature: -5 + 40°C Operating humidity: 5% to 95%, relative, noncondensing ESD/EMP Protection Air; +/-24 kV, Contact +/-24 kV Shock and Vibration: ETSI300-019-1.4 Standard Certification: CE, FCC, IC Manufacturer: Ubiquiti

## Managed switch, 24x 10/1000 RJ-45, 2x SFP, PoE+, 19" (Ubiquiti UniFi US-24-500W)

F013 RJ-45 (10/100/1000 Mbps): 2 SFP (100/1000 Mbps): 2 RJ45 Serial Port (Reserved for Future Use), Ethernet In/Out

Band: 1 Power over Ethernet (PoE) Power dedicated to PoE: 34.2W Max. Passive PoE Wattage per Port: 17W PoE Interfaces: POE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-), 24VDC Passive PoE (Pins 4, 5+; 7, 8-)

Performance
Switching Capacity in Gigabits per Second (Gbps): 52

General

Dimensions: 485 x 43.7 x 285.4 mm
Weight: 4.7Kg
Power: 100-240 VAC 50~60 Hz, internal, universal

Power: 100-240 VAC 50-60 Hz, internal , universal Max. Power Consumption: Including PoE Output - 500W, Excluding PoE Output - 30W Power Supply: AC/DC, Internal, 500W DC Operating temperature: -5 + 40°C Operating humidity: 5% to 95%, relative, noncondensing ESD/EMP Protection Air; +/-24 kV, Contact +/-24 kV Shock and Vibration: ETSl300-019-1.4 Standard Certification: CE, FCC, IC Manufacturer: Ubiquiti



Net Price: 218.00 USD Unit: pcs



#09149

Net Price: 251.00 USD Unit: pcs



#05951

Net Price: 475.00 USD Unit: pcs

### Managed switch, 24x 10/1000 RJ-45, 2x 100/1000 SFP, 19" (Ubiquiti ES-24-Lite)

F013 RJ-45 (10/100/1000 Mbps): 24 SFP (100/1000 Mbps): 2 Management Interface: RJ45 Serial Port, Ethernet In/Out

Performance

Performance
Switching Capacity in Gigabits per Second (Gbps): 52
Forwarding Rate (Mpps): 38.69
Software Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANs,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6

Static MAC Filtering, TACĂCS+, Voice VĬANS,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files, SNMP v1, v2, and
v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy
(SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media
Endpoint Discovery (MED), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Link Layer
Compatibility, IEEE 802.14 - Multiple Spanning Tree
Compatibility, IEEE 802.14 - Rapid Spanning Tree
Compatibility, IEEE 802.14 - Virtual LANS with Port-Based
VLANS, IEEE 802.1p - Ethernet Priority with User
Provisioning and Mapping, IEEE 802.1X - Port-Based
Authentication with Guest VLAN Support, IEEE 802.3 108ASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3a 1000BASE-T, IEEE 802.3a - 100BASE-T, IEEE 802.3a 1000BASE-T, IEEE 802.3a - Flow Control, IEEE 802.1D-2004
- Generic Attribute Registration Protocol - Clause 12 (GARP),
IEEE 802.1D-2004 - Dynamic L2 multicast registration
- Clause 10 (GMRP), IEEE 802.1C-2003 - Dynamic VLAN
registration - Clause 11.2 (GVRP), RFC 4541 Considerations for Internet Group Management Protocol
GIGMP) Snooping Switches, RFC 5171 - Unidirectional Link
Detection (UDLD) Protocol
General
Dimensions: 443 x 43 x 221 mm (17.44 x 1.69 x 8.70")

General
Dimensions: 443 x 43 x 221 mm (17.44 x 1.69 x 8.70")
Weight: 2.51 kg (5.53 lb)
Weight With Mount Brackets: 2.6 kg (5.7 lb)
Power: 100-240VAC/50-60 Hz, Universal Input, DC 25W, 25 to 16V, with 2.5 mm DC Power Inline Connector
Power Supply: AC/DC, Internal, 25W DC
Max. AC Power Consumption: 25W

Max. AC Power Consultinguint: 25w
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard
Manufacturer: Ubiquiti

### Managed switch, 24x 10/100/1000 RJ-45, 4 slide-in 10G SFP+ slot, 19" (TP-Link TL-SG3428X)

- 10G Lightning-Fast Uplink: 4× 10 Gbps SFP+ slots enable high-bandwidth connectivity and non-blocking switching
- Gigabit Speeds: 24× gigabit RJ45 ports offer high-speed and reliable connections to other switches and devices.
  - Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*, Centralized Cloud Management, and Intelligen Monitorina.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 24x 10/100/1000 Mbps RJ-45 Free slots: 4x 10G SFP+

Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes Software features

Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED.

Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/ LLDP-MED

L2 Multicast: 511 IPV4, IPV6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)

IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/IUDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300), OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CI) through telbet SMIM-24/2-24/3 SMIM-2
Interface (CI) through telbet SMIM-24/3-24/3 SMIM-2
Interface (CI) through telbet SMIM-2
Interface (CI) through telb Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPV1/V2cV3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 128
Packet Forwarding Rate: 95,23 Mpps
MAC Address Table: 16K
Jumbo Frame: 9 KB

Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm) Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100–230VAC 50/60Hz Max Power Consumption: 23,6 W (110 V/60 Hz) Max Heat Dissipation: 80.353 BTU/h (110 V/60 Hz) Certificates:CE, FCC

Warranty period: 5 years Manufacturer: TP-Link

#### Managed switch L2, 44x 10/100/1000 RJ-45, 4 slide-in SFP / RJ-45 slots, IP stacking, IPv6, 19" (Edge-corE ES4548D)

Standards: IEEE 802.3, IEEE 802.1D/w/s/p/Q/v/X Copper ports: 44x 10/100/1000 Mbps RJ-45, 4x 1000 Mbps

Copper ports: 44X 10/100/1000 https: RJ-45, 4X 10/100/1000 https: RJ-45, 4

Packet flow control: Flow-Control, Back-Pressure VLAN support: port-based, tag-based / 255, private VLAN, protocol-based VLAN, GVRP, Q-in-Q I/O throughput management: Port Trunking, Bandwidth Control, Jumbo Frames (9 kB), Trunk Load Balancing Transmission quality: 8 QoS queues, CoS, DiffServ, Spanning Tree, Rapid Spanning Tree, Multiple Spanning Tree, Port Mirroring, IGMP Snooping, IGMP Querier Stacking features: up to 36 units, stacking bandwidth up to 2 Ghns

Event logging: syslog, event log, error log Security: IEEE 802.1X, RADIUS, SSH, SSL, ACL, TACACS+, TACACS+ 3.0

IPv6 features: IPv4/IPv6 Dual Protocol, IPv6 Multicast / Nicest, IPv6 Neighbor Discovery, ICMPv6, SNMP over IPv6, IPv6 ACL

Management: WWW, console, telnet, RMON, SNMP v1/v2c/v3

National States (Control of States), Family (1988), 1988

Switching capacity [Gbps]: 96

Forwarding rate [Mpps]: 71.4

MAC address memory: 8000

Buffer / operating memory [kb]: 12288

Housing / case type: 19", metal

Power: ~230V AC 50Hz, Redundant Power Supply Connector Dimensions: 440x331x44 mm

Operating temperatures: 0°C + 50°C

Operating humidity: 5% + 90%, non-condensing

Weight: 4.34 kg

Certificates: CE, FCC Class A, VCCI Class A

Warrantv: limited lifetime

Warranty: limited lifetime Manufacturer: Edge-corE





Net Price: 564.00 USD Unit: pcs

#### Managed switch, 48x 10/100/1000 RJ-45, 4 slide-in SFP slot, PoE+, 19" (TP-Link TL-SG3452P)

- 384 W PoE Budget: 48× 802.3at/af-compliant PoE+ ports
- with a total power supply of 384 W
   Full Gigabit Ports: 48× gigabit RJ45 ports and 4× gigabit SFP Slots provide high-speed connections.
  - Integrated into Omada SDN: Zero-Touch Provisioning
- (ZTP)\*, Centralized Cloud Management, and Intelligen Monitorina.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more.
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 48x 10/100/1000 Mbps RJ-45 Free slots: 4x 1000 Mbps SFP Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Console Port
PoE+ Ports (RJ45): Standard 802.3at/af compliant, PoE+
Ports 48 Ports, up to 30 W per port, Power Budget 384 W
Fan Quantity: 3
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features

Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p Cos/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.10 STP, 802.1w
SSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm
Control, kbps/ratio control mode, Port Isolat

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPV1/V2/V3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 104
Packet Forwarding Rate: 77,4 Mpps MAC Address Table: 16K
Jumbo Frame: 9 KB

Jumbo Frame: 9 KB
Housing / case type: Rack Mountable
Dimensions: 17.3 × 13.0 × 1.7 in (440 × 330 × 44 mm)
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: internal, 100-230VAC 50/60Hz
Max Power Consumption: 52.53 W (110 V/60 Hz) (no PD
connected), 485.4 W (110 V/60 Hz) (with 384 W PD
connected). connected)

Max Heat Dissipation: 179.13 BTU/hr (110 V/60 Hz) (no PD connected) 1656.19 BTU/hr (110 V/60 Hz) (with 384 W PD

connected)
Certificates:CE, FCC, RoHS
Warranty period: 5 years

Net Price: 778.00 USD Unit: pcs

#08578

Net Price: 960.00 USD Unit: pcs

#### Managed switch, 48x 10/1000 RJ-45, 2x 100/1000 SFP, 2x 10G SFP+, PoE+, 19" (Ubiquiti ES-48-500W)

Ports RJ-45 (10/100/1000 Mbps): 48 SFP (100/1000 Mbps): 2 SFP+ 10 Gigabit ports: 2 Management Interface: RJ45 Serial Port, Ethernet In/Out Band Power over Ethernet (PoE) POE+ IEEE 802.3af/at: Pins 1, 2+: 3, 6-POE+ IEEE 802.3afat: Pins 4, 5+; 7, 8-24VDC Passive PoE: Pins 4, 5+; 7, 8-Power dedicated to PoE: 34.2W Voltage Range 802.3at: 50-57V Max. Passive PoE Wattage per Port: 17W 24V Passive PoE Voltage Range: 20-27V Performance Forwarding Capacity in Gigabits per Second (Gbps): 140 Forwarding Rate (Mpps): 104.16 Software Information Software Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANS,
Unauthenticated VLAN, Internal 802,1X Authentication Server Static MAC Filtering, TACĂCS+, Voice VLĂNs,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files, SNMP v1, v2, and
v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy
(SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media
Endpoint Discovery (MED), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1D - Spanning Tree
Compatibility, IEEE 802.14V - Rapid Spanning Tree
Compatibility, IEEE 802.11 S - Multiple Spanning Tree
Compatibility, IEEE 802.19 - Virtual LANs with Port-Based
VLANs, IEEE 802.1p - Ethernet Priority with User
Provisioning and Mapping, IEEE 802.1X - Port-Based
Authentication with Guest VLAN Support, IEEE 802.3 1000BASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3ab 1000BASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3ab 1000BASE-T, IEEE 802.1ak - Virtual Bridged Local Area
Networks - Amendment 07 - Multiple Registration Protocol,
IEEE 802.3ac - VLAN Tagging, IEEE 802.3ad - Link
Aggregation, IEEE 802.3x - Flow Control, IEEE 802.1D-2004
- Generic Attribute Registration Protocol - Clause 12 (GARP),
IEEE 802.1D-2004 - Dynamic L2 multicast registration Clause 10 (GMRP), IEEE 802.1Q-2003 - Dynamic VLAN
registration - Clause 11.2 (GVRP), RFC 4541 Considerations for Internet Group Management Protocol
(IGMP) Snooping Switches, RFC 5171 - Unidirectional Link
Detection (UDLD) Protocol
General
Dimensions: 485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75") General
Dimensions: 485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75")
Weight: 6.1 kg (13.5 lb)
Weight With Mount Brackets: 6.5 kg (14.3 lb)
Power: 100-240VAC/50-60 Hz, Universal Input
Power Supply: AC/DC, Internal, 500W DC
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard
Manufacturer: Ubiquiti

Manufacturer: Ubiquiti

#### Managed switch, 48x 10/1000 RJ-45, 2x 100/1000 SFP, 2x 10G SFP+, PoE+, 19" (Ubiquiti ES-48-750W)

Ports RJ-45 (10/100/1000 Mbps): 48 SFP (100/1000 Mbps): 2 SFP+ 10 Gigabit ports: 2 Management Interface: RJ45 Serial Port, Ethernet In/Out Band Power over Ethernet (PoE) POE+ IEEE 802.3af/at: Pins 1, 2+; 3, 6-POET IEEE 802.3affait: Pins 4, 5+; 7, 8-24VDC Passive PoE: Pins 4, 5+; 7, 8-Power dedicated to PoE: 34.2W Voltage Range 802.3at: 50-57V Max. Passive PoE Wattage per Port: 17W 24V Passive PoE Voltage Range: 20-27V Performance Switching Capacity in Gigabits per Second (Gbps): 140 Forwarding Rate (Mpps): 104.16 Software Information Somware Information
Layer 2 Switching: Broadcast Storm Recovery,
Broadcast/Multicast/Unknown Unicast Storm Recovery,
DHCP Snooping, IGMP Snooping Querier, Independent
VLAN Learning (IVL) Support, Jumbo Ethernet Frame
Support, Port MAC Locking, Port Mirroring, Protected Ports,
Static MAC Filtering, TACACS+, Voice VLANS,
Unauthenticated VLAN, Internal 802.1X Authentication Server Static MAC Filtering, TACĂCS+, Voice VĬANs,
Unauthenticated VLAN, Internal 802.1X Authentication Server
Management: Web UI, Industry-Standard CLI, IPv6
Management, Password Management, Autoinstall Support for
Firmware Images and Configuration Files, SNMP v1, v2, and
v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy
(SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media
Endpoint Discovery (MED), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1AB - Link Layer
Discovery Protocol (LLDP), IEEE 802.1D - Spanning Tree
Compatibility, IEEE 802.1Y - Rapid Spanning Tree
Compatibility, IEEE 802.1Y - Rapid Spanning Tree
Compatibility, IEEE 802.1Y - Rapid Spanning Tree
Compatibility, IEEE 802.1Y - Potherased
VLANs, IEEE 802.1P - Ethernet Priority with User
Provisioning and Mapping, IEEE 802.1X - Port-Based
Authentication with Guest VLAN Support, IEEE 802.3 1000BASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3ab 1000BASE-T, IEEE 802.3u - 100BASE-T, IEEE 802.3ab 1000BASE-T, IEEE 802.3ac - Vitaul Bridged Local Area
Networks - Amendment 07 - Multiple Registration Protocol,
IEEE 802.3ac - VLAN Tagging, IEEE 802.3ad - Link
Aggregation, IEEE 802.3x - Flow Control, IEEE 802.1D-2004 Generic Attribute Registration Protocol - Clause 12 (GARP),
IEEE 802.1D-2004 - Dynamic L2 multicast registration Clause 10 (GMRP), IEEE 802.1Q-2003 - Dynamic VLAN
registration - Clause 11.2 (GVRP), RFC 4541 Considerations for Internet Group Management Protocol
GMP) Snooping Switches, RFC 5171 - Unidirectional Link
Detection (UDLD) Protocol
General
Dimensions: 485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75") Dimensions: 485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75") Dimensions: 485 x 43.7 x 374.6 mm (19.09 x 1.72 x 14.75 Weight: 6.1 kg (13.5 lb)
Weight: 6.1 kg (13.5 lb)
Weight With Mount Brackets: 6.5 kg (14.3 lb)
Power: 100-240VAC/50-60 Hz, Universal Input
Power Supply: AC/DC, Internal, 750W DC
Operating temperature: -5 + 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard
Manufacture: University Manufacturer: Ubiquiti



Net Price: 415.00 USD Unit: pcs



#09151

Net Price: 358.00 USD Unit: pcs



#05953

Net Price: 914.00 USD Unit: pcs

### Managed switch, 48x 10/1000 RJ-45, 2x 100/1000 SFP, 2x 10G SFP+, 19" (Ubiquiti ES-48-Lite)

Folis RJ-45 (10/100/1000 Mbps): 48 SFP (100/1000 Mbps): 2 SFP+ 10 Gigabit ports: 2 Management Interface: RJ45 Serial Port, Ethernet In/Out

Performance

Fertimanice Switching Capacity in Gigabits per Second (Gbps): 140 Forwarding Rate (Mpps): 104.16 Software Information

Switching Capacity in Gigabits per Second (Gbps): 140 Forwarding Rate (Mpps): 104.16 Software Information Layer 2 Switching: Broadcast Storm Recovery, Broadcast/Multicast/Unknown Unicast Storm Recovery, DHCP Snooping, IGMP Snooping Querier, Independent VLAN Learning (IVL) Support, Jumbo Ethernet Frame Support, Port MAC Locking, Port Mirroring, Protected Ports, Static MAC Filtering, TACACS+, Voice VLANS, Unauthenticated VLAN, Internal 802.1 X Authentication Server Management: Web UI, Industry-Standard CLI, IPv6 Management, Password Management, Autoinstall Support for Firmware Images and Configuration Files, SNMP v1, v2, and v3, SSH 1.5 and 2.0, SSL 3.0 and TLS 1.0, Secure Copy (SCP), Telnet (Multi-Session Support)
Core Switching Features: ANSI/TIA-1057 - LLDP-Media Endpoint Discovery (MED), IEEE 802.1AB - Link Layer Discovery Protocol (LLDP), IEEE 802.1 - Spanning Tree Compatibility, IEEE 802.13 - Multiple Spanning Tree Compatibility, IEEE 802.19 - Ethernet Priority with User Provisioning and Mapping, IEEE 802.13 - Port-Based Authentication with Guest VLAN Support, IEEE 802.3 - 10BASE-T, IEEE 802.3 - 10BASE-T, IEEE 802.1 - 100BASE-T, IEEE 802.1 - Recompatible Local Area Networks - Amendment 07 - Multiple Registration Protocol, IEEE 802.3 - VLAN Tagging, IEEE 802.3 - Link Aggregation, IEEE 802.3 - Link Cappending, IEEE 802.3 - Dynamic VLAN registration - Clause 12 (GARP), IEEE 802.1 - 2004 - Dynamic L2 multicast registration - Clause 10 (GMRP), IEEE 802.10-2003 - Dynamic VLAN registration - Clause 11.2 (GVRP), RFC 4541 - Considerations for Internet Group Management Protocol (IGMP) Snooping Switches, RFC 5171 - Unidirectional Link Detection (UDLD) Protocol

Dimensions: 443 x 43 x 286 mm (17.44 x 1.69 x 11.26")

Dimensions: 443 x 43 x 286 mm (17.44 x 1.69 x 11.26")
Weight 3.56 kg (7.85 lb)
Weight With Mount Brackets: 3.65 kg (8.05 lb)
Power: 100-240/VAC/50-60 Hz, Universal Input, DC 56W, 25 to 16V, with 2.5 mm DC Power Inline Connector
Power Supply: AC/DC, Internal, 56W DC
Max. AC Power Consumption: 56W
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard
Manufacture: Ubiquiti

Manufacturer: Ubiquiti

## Managed switch, 48x 10/100/1000 RJ-45, 4 slide-in SFP slot, 19" (TP-Link TL-SG3452)

- Full Gigabit Ports: 48× gigabit RJ45 ports and 4× gigabit SFP Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning

(ZTP)\*, Centralized Cloud Management, and Intelligent Monitoring.

- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient

use of network resources.

 Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping,

802.1X. Radius Authentication, and more. Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 48x 10/100/1000 Mbps RJ-45
Free slots: 4x 1000 Mbps SFP
Additional ports: 1x RJ45 Console Port, 1x Micro-USB

Console Port

Additional ports: 18 kJ45 Console Port, 18 Micro-USB Console Port
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, ICMP v11v2/3 Snooping, Fast Leave, IGMP

802.1ab LLDP/ LLDP-MED

L2 Multicast: 511 IPV4, IPV6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 SPMP, IPv6 SSH, IPv6 SSL, Http/IHttps, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per nort. Readeast/Multicast/Interest Storm Source IPVo Address+Source MAC, Dos Detend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

SSHv1/SSHv2, IP/Port/MAC based access control
Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Gbps]: 104
Packet Forwarding Rate: 77,4 Mpps
MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable

Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 8.7 × 1.7 in (440 × 220 × 44 mm) Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100–230VAC 50/60Hz

Max Power Consumption: 32,8 W (110 V/60 Hz)
Max Heat Dissipation: 111,91 BTU/h (110 V/60 Hz)
Certificates:CE, FCC

Warranty period: 5 years Manufacturer: TP-Link

## Managed switch, 24x 10/1000 RJ-45, 2x 10G SFP+, PoE+, 19" (Ubiquiti USW-Pro-24-PoE)

RJ-45 (10/100/1000 Mbps): 24 SFP+ 10 Gigabit ports: 2 Management Interface: RJ45 Serial Port, Ethernet In/Out

Power over Ethernet (PoE)
POE+ IEEE 802.3af/at: Ports 1-16 PoE+ IEEE 802.3af/at
(Pins 1, 2+; 3, 6-), Ports 17-24 - 60W PoE++ IEEE
802.3af/at/bt (Pins 1, 2+; 3, 6-) (Pair A 1, 2+; 3, 6-) (Pair B 4,

5+: 7. 8-)

Voltage Range: 802.3af - 44-57V, 802.3at/bt - 50-57V Max, Passive PoE Wattage per Port: 802.3at - 32W, 802.3bt -

Switching Capacity in Gigabits per Second (Gbps): 88 Forwarding Rate (Mpps): 65.472 Dimensions: 442.4 x 285.4 x 43.7 mm Weight: 6.25 kg Power: 100-240VAC, 50/60 Hz, 52VDC, 7.69A, 11.5VDC,

Power: 100-240476, 561-2
2.61A
Power Supply: AC/DC, Internal, 450W DC
Operating temperature: -5 ÷ 40°C
Operating humidity: 5% to 95%, relative, noncondensing
Certification: CE, FCC, IC Shock and Vibration: ETSI300-019-1.4 Standard Manufacturer: Ubiquiti



#### Computer Network Accessories

#05952

Net Price: 1 160.00 USD Unit: pcs

# Managed switch, 48x 10/1000 RJ-45, 4x 10G SFP+, PoE+, 19" (Ubiquiti USW-Pro-48-PoE)

SFP+, PoE+, 19" (Ubiquiti USW-Pro-48-PoE)

Ports
RJ-45 (10/100/1000 Mbps): 48
SFP+ 10 Gigabit ports: 4
Management Interface: RJ45 Serial Port, Ethernet In/Out
Band
Power over Ethernet (PoE)
POE+ IEEE 802.3af/at: Ports 1-40 PoE+ IEEE 802.3af/at
(Pins 1, 2+; 3, 6-), Ports 41-48 - 60W PoE++ IEEE
802.3af/at/bt (Pins 1, 2+; 3, 6-) (Pair A 1, 2+; 3, 6-) (Pair B 4 ,
5+; 7, 8-)
Power dedicated to PoE: 600W
Voltage Range: 802.3af - 44-57V, 802.3at/bt - 50-57V
Max. Passive PoE Wattage per Port: 802.3at - 32W, 802.3bt 64W
Performance
Switching Capacity in Gigabits per Second (Gbps): 176
Forwarding Rate (Mpps): 130.944
Dimensions: 442.4 x 399.6 x 43.7 mm
Weight: 6.25 kg
Power: 100-240VAC, 50/60 Hz, 52VDC, 11.54A, 11.5VDC,
5.22A
Power Supply: AC/DC, Internal, 660W DC
Operating temperature: -5 + 40°C
Operating tumidity: 5% to 95% , relative, noncondensing
Certification: CE, FCC, IC
Shock and Vibration: ETSI300-019-1.4 Standard
Manufacturer: Ubiquiti





Net Price: 279.00 USD Unit: pcs

#### Managed switch, 24x 10/100/1000 RJ-45, 4 slide-in 10G SFP+ slot, 19" (TP-Link TL-SG3428X-UPS)

- 10G Lightning-Fast Uplink: 4× 10 Gbps SFP+ slots enable high-bandwidth connectivity and non-blocking switching capacity.
- Gigabit Speeds: 24× gigabit RJ45 ports offer high-speed and reliable connections to other switches and devices.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.
   Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping,
- 802.1X, Radius Authentication, and more Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 24x 10/100/1000 Mbps RJ-45 Free slots: 4x 10G SFP+

Copper ports: 24x 10/100/1000 Mbps RJ-45
Free slots: 4x 10G SFP+
Additional ports: 1x RJ45 Console Port, 1x Micro-USB
Console Port
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling- SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1D STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPV4, IPV6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND).

Group Coning, Limited IP Multicast (250 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC Source IPv6 Address+Source MAC, DoS Detend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller (Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 128
Packet Forwarding Rate: 95,23 Mpps
MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable
Dimensions: 17,3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
Operating temperature: 0°C + 45°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: 100-240 v AC-50/60 Hz and 12 V lead-acid battery (Battery is not included in the package contents)
Max Power Consumption: 31.9 W (110 V/60 Hz) (AC powered with 12 V battery charging), 24.0 W (110 V/60 Hz) (AC powered with ut 12 v battery charging), 29.0 W (110 V/60 Hz) (AC powered with 12 V battery charging), 81.88 BTU/hr (110 V/60 Hz) (AC powered with 12 V battery charging), 81.88 BTU/hr (110 V/60 Hz) (AC powered with ut 12 V battery charging), 68.24 BTU/hr (12 V battery powered)
Certificates:CE, FCC



#09150 Net Price: 514.00 USD Unit: pcs

#### Managed switch, 24x 10/100/1000 RJ-45, 4 slide-in 10G SFP+ slot, PoE+, 19" (TP-Link TL-SG3428XMP)

- 10G Lightning-Fast Uplink: 4× 10 Gbps SFP+ slots enable high-bandwidth connectivity and non-blocking switching
- 384 W PoE Budget: 24× 802.3at/af-compliant PoE+ ports with a total power supply of 384 W\*.
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.

   Static Routing: Helps route internal traffic for more efficient use of network resources.
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.
- Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities.

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 24x 10/100/1000 Mbps RJ-45 Free slots: 4x 10G SFP+

Free slots: 4x FU4S FPF+
Additional ports: 1x RJ45 Console Port, 1x Micro-USB
Console Port
PoE+ Ports(RJ45): Standard 802.3at/af compliant, PoE+
Ports 24 Ports, up to 30 W per port, Power Budget 384 W
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features

Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.10 STP, 802.1w
SSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab L1DP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP
Snooping Querier, Static Group Config, Multicast VLAN
Registration (MVR), Multicast Filtering, MLD Snooping, MLD
v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static
Group Config, Limited IP Multicast (256 profiles and 16
entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Sonoping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 183 Entries,
Source IPv6 Address+Source MAC, DoS Defend,
Static/Dynamic/Permanent Port Security, Up to 64 MAC
addresses per port, Broadcast/Multicast/Unicast Storm
Control, kbps/ratio control mode, Port Isolation, Secure web
management through HTTPS with SSLv

SSHv1/SSHv2, IP/Port/MAC based access control Management Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada App: Yes Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP Trap/Inform, RMON (1,23,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 128
Packet Forwarding Rate: 95.23 Mpps MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable
Dimensions: 17.3 × 13.0 × 1.7 in (440 × 330 × 44 mm)
Fan Quantity: 2
Operating temperature: 0°C ÷ 45°C
Operating temperature: 0°C ÷ 45°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, 100-230VAC 50/60Hz
Max Power Consumption: 34.4 W (110 V/60 Hz) (no PD connected)
Max Heat Dissipation: 117.38 BTU/h (110 V/60 Hz) (with 384 W PD

Max Heat Dissipation: 117.38 BTU/h (110 V/60 Hz) (no PD connected), 1589.31 BTU/h (110 V/60 Hz) (with 384 W PD

connected)
Certificates:CE, FCC, RoHS



Net Price: 522.00 USD Unit: pcs

### Managed switch, 48x 10/100/1000 RJ-45, 4 slide-in 10G SFP+ slot, 19" (TP-Link TL-SG3452X)

- Full Gigabit Ports: 48× gigabit RJ45 ports and 4× 10 gigabit SFP+ Slots provide high-speed connections.
- Integrated into Omada SDN: Zero-Touch Provisioning

(ZTP)\*, Centralized Cloud Management, and Intelligent Monitoring

- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
- Static Routing: Helps route internal traffic for more efficient

use of network resources.

 Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X. Radius Authentication, and more.

Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping.

Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities

Standards: IEEE 802.3 10Base-T. IEEE802.3u 100Base-TX Copper ports: 48x 10/100/1000 Mbps RJ-45
Free slots: 4x SFP+ 10G
Additional ports: 1× RJ45 Console Port, 1× Micro-USB

Console Port

Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Auto-negotiation (Nway): yes
Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.1b STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP
Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP

L2 Multicast. 311 FPV4, IPV9 Strated Multicast groups, ISMIP Snooping, IGMP v11/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD V1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 carticle operation).

Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)
IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener
Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,
IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/IHtps, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.1Q tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB. Guest VLAN, Support Radius PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Source IPV6 Address+Source MAC, Dos Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control

SSHv1/SSHv2, IP/Port/MAC based access control
Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through telnet, SNMPv1/v2c/v3, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Switching capacity [Gbps]: 176
Packet Forwarding Rate: 130,9 Mp/s
MAC Address Table: 16K
Jumbo Frame: 9 KB
Housing / case type: Rack Mountable

Jumbo Frame: 9 KB Housing / case type: Rack Mountable Dimensions: 17.3 × 8.7 × 1.7 in (440 × 220 × 44 mm) Operating temperature: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Power: internal, 100–230VAC 50/60Hz

Max Power Consumption: 32,8 W (110 V/60 Hz)
Max Heat Dissipation: 111,65 BTU/h (110 V/60 Hz)
Certificates: CE, FCC

Warranty period: 5 years Manufacturer: TP-Link





#### #09232 Net Price:

763.00 USD Unit: pcs

#### Managed switch, 48x 10/100/1000 RJ-45, 4 slide-in 10G SFP+ slot, PoE+, 19" (TP-Link TL-SG3452XP)

- 10G Lightning-Fast Uplink: Enjoy high-bandwidth connectivity and non-blocking switching capacity with four 10 Gbps SFP+ slots.
- PoE+ Output with 500 W Power Budget: Design your optimal network layout with forty-eight 802.3af/at PoE+ gigabit ports.\*
- Centralized Cloud Management: Integrates into Omada
- SDN for cloud access and remote management.
   Abundant L2 and L2+ Features: It supports a complete
- Abundant L2 and L2+ Features: it supports a complete lineup of L2 and L2+ features, including Static Routing, enterprise-level QoS, and IGMP Snooping.

   Robust Security Strategies: Helps protect LAN area investment with integrated IP-MAC-Port Binding, ACL, Port
- Security, and 802.1X Authentication.
   Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities.

Standards: IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX Copper ports: 48x 10/100/1000 Mbps RJ-45 Free slots: 4x SFP+ 10G Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port

Console Port
Fan Quantity: 3
Porty PoE+ (RJ45)
Standard: 802.3at/af compliant
PoE+ Ports: 48 Ports, up to 30 W per port
Power Budget: 500 W
Max Power Consumption: 49.19 W (110V/60Hz) (no PD
device connected), 635.7 W (110V/60Hz) (with 500 W PD
device connected)
Max Heat Dissipation: 167.85 BTU/hr (110 V/60 Hz) (no PD
connected), 2169.2 BTU/hr (110 V/60 Hz) (with 500 W PD

connected) Performance

rentormance Switching Capacity: 176 Gbps Packet Forwarding Rate: 130.9 Mpps MAC Address Table: 16 K Packet Buffer Memory: 12 Mbit Jumbo Frame: 9 KB Software features Quality of Service: Support 802 to Co

Jumbo Frame: 9 KB Software features
Quality of Service: Support 802.1p CoS/DSCP priority, Support 4 priority queues, Queue scheduling-SP, WRR, SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay, DHCP L2 Relay, Link Aggregation, Static link aggregation, 802.3ad LACP, Up to 8 aggregation groups and up to 8 ports per group, Spanning Tree Protocol, 802.1b STP, 802.1w RSTP, 802.1s MSTP, STP Security TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection, Flow Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU Mirroring, One-to-One, Many-to-One, Flow-Based, Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/ LLDP-MED
L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)

Group Config, Limited IP Multicast (256 profiles and 16 entries per profile)

IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener

Discovery (MLD) Snooping, IPv6 neighbor discovery (ND),
Path maximum transmission unit (MTU) discovery, Internet
Control Message Protocol (ICMP) version 6, TCPv6/UDPv6,

IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet
(v6), IPv6 SNMP, IPv6 SSL, IHttp/IHttps, IPv6 TFTP
VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag
VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN
Security: AAA, 802.1X, Port based authentication, MAC
(Host) based authentication, Authentication Method includes
PAP/EAP-MD5, MAB, Guest VLAN, Support Radius
authentication and accountability, IP/IPv6-MAC Binding, 512
Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP
Inspection, ND Detection, IP Source Guard, 253 Entries,
Source IPv6 Address+Source MAC, DoS Defend,

Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management

Command Line Interface (CLI) management with SSHu1/SSHv2, IP/Port/MAC based access control Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller (Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CLI) through plente, SNMPP1/Nzc/Av, SNMP
Trap/Inform, RMON (1,2,3,9 groups), SDM Template,
DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU
Monitoring, Cable Diagnostics, EEE, SNTP, System Log
Housing / case type: Rack Mountable
Dimensions: 17.3 × 13.0 × 1.7 in (440 × 330 × 44 mm)
Operating temperature: 0°C + 45°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, 100~230VAC 50/60Hz
Certificates: CE, FCC
Warranty period: 5 years

Warranty period: 5 years



## .....

Net Price: 517.00 USD Unit: pcs

#09270

## Managed switch, 6x 10G RJ-45, 2x SFP+, PoE++, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SX3206HPP)

- Full 10G Lightning-Fast Connection: Offers high-bandwidth connectivity with lightning-fast 4× 10 Gbps RJ45 ports and 2× 10 Gbps SFP+ slots.
- PoE++ Output with 200 W Power Budget†: Four 802.3af/at/bt PoE++ 10G ports with up to 60 W PoE output on each port make it ideal for the deployment of Omada WiFi 6 and WiFi 6E APs.
- -Abundant L2 and L2+ Features: Supports a complete lineup of L2 and L2+ features, including Static Routing, enterprise-level QoS, and IGMP Snooping.
- Robust Security Strategies: Supports a complete lineup of L2 and L2+ features, including Static Routing, enterprise-level QoS, and IGMP Snooping.
   Static Routing: Helps route internal traffic for more efficient
- use of network resources.
- Centralized Cloud Management: Integrates into Omada
- SDN for cloud access and remote management.
   Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities.

Ports: 4× 100/1000/2500/5000/10000 Mbps RJ45 Ports, 2× 10G SFP+ Slots, 1× RJ45 Console Port, 1× Micro-USB Console Port

Console Port
PoE Ports (RJ45): Standard 802.3bt/at/af compliant, PoE+
Ports 4 Ports, up to 60 W per port, Power Budget 200 W
Auto MDI/MDI-X: yes
Auto-negotiation (Nway): yes
Fan Quantity: 2
Switching Capacity: 120 Gbps
Packet Forwarding Rate: 89.28 Mpps
MAC Address Table: 32 K
Jumbo Frame: 9 KB
Software features

Software features

Software features
Quality of Service: 802.1p CoS/DSCP priority, 8 priority
queues, Priority Schedule Mode, SP (Strict Priority), WRR
(Weighted Round Robin), Queue Weight Config, Bandwidth
Control, Port/Flow-based Rating Limit, Smoother
Performance, Storm Control, Multiple Control
Modes(kbps/ratio), Broadcast/Multicast/Unknown-Unicast

Modes(kbps/ratio), Broadcast/Multicast/Unknown-Unicast Control L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay, DHCP L2 Relay, Link Aggregation, Static link aggregation, 802.3ad LACP, Up to 8 aggregation groups and up to 8 ports per group, Spanning Tree Protocol, 802.1D STP, 802.1w RSTP, 802.1s MSTP, STP Security TC Protect, BPDU Filter/Protect, Root Protect, Loopback Detection, Flow Control, 802.3s Flow Control, Mirroring, Port Mirroring, CPU Mirroring, One-to-One, Many-to-One, Flow-Based, Indress/Euress/Both. Device Link Detect Protocol (DLDP), Ingress/Egress/Both, Device Link Detect Protocol (DLDP), 802.1ab LLDP/LLDP-MED L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP

Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP Snooping Querier, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD

Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile) IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag VLAN, MAC VLAN 12 Entries, Protocol VLAN, GVRP, Voice VLAN

VLAN
Access Control List: Support up to 230 entries, Time-Range, Time Slice, Week Time-Range, Absolute Time-Range, Holiday, Time-based ACL, MAC ACL, Source MAC, Destination MAC, VLAN ID, User Priority, Ether Type, IP ACL, Source IP, Destination IP, IP Protocol, TCP Flag, TCP/IDP Source Port, TCP/IDP Destination Port, DSCP/IP TOS, IPv6 ACL, Combined ACL, Rule Operation, Permit/Deny, Policy Action, Mirror, Rate Limit, Redirect, QoS Remark, ACL Rules Binding, Port Binding, VLAN Binding, Actions for flows, Mirror (to supported interface), Redirect (to supported interface), Rate Limit, QoS Remark Remark, ACL Rules Binding, Port Binding, VLAN Binding, Actions for flows, Mirror (to supported interface), Redirect (to supported interface), Rate Limit, QoS Remark Security: AAA, 802.1X, Port-based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IP+Source MAC, IPv6 Source Guard, 183 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratic control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC-based access control Advanced Features: Automatic Device Discovery, Batch Configuration, Batch Firmware Upgrading, Intelligent Network Monitoring, Abnormal Event Warnings, Unified Configuration, Reboot Schedule

Monitoring, Abnormal Event Warnings, Online Configuration, Reboot Schedule
MIBs: MIB II (RFC1213), Bridge MIB (RFC1493), P/Q-Bridge
MIB (RFC2674), Radius Accounting Client MIB (RFC2620),
Radius Authentication Client MIB (RFC2618), Remote Ping,
Traceroute MIB (RFC2925), Support TP-Link private MIBs,
RMON MIB(RFC1757, rmon 1,2,3,9)

Cloud Access: Yes, through, Omada Cloud-Based Controller, OC300, OC200, Omada Software Controller Zero-Touch Provisioning: Yes. Requiring the use of Omada

Zero-Touch Provisioning: Yes. Requiring the use of Omada Cloud-Based Controller Management Features: Web-based GUI, Command Line Interface (CLI) through telnet, SNMPv11v2c/v3, SNMP Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU Monitoring, Cable Diagnostics, EEE, SNTP, System Log Housing / case type: 11.6", metal Dimensions: 294×180×44 mm Operating temperature: 0°C + 50°C Operating humidity: 10% + 90%, non-condensing

Operating Humidity: 10% + 90%, non-condensing Power: 100-240 V AC-50/60 Hz Max Power Consumption: 27.29 W (110V/60Hz) (no PD

connected), 244.90 W (110V/60Hz) (with 200 W PD connected) Max Heat Dissipation: 93.12 BTU/h (110 V/60 Hz) (no PD connected), 835.67 BTU/h (110 V/60 Hz) (with 200 W PD

connected)
Certificates:CE, FCC ,RoHS Warranty period: 5 years Manufacturer: TP-Link



Net Price: 512.00 USD Unit: pcs

#09235

Net Price: 333.00 USD Unit: pcs

## Managed switch, 16 slide-in 10G SFP+ slot, Dual Redundant Power Supplies, 19" (TP-Link TL-SX3016F)

- 16× Full 10GE SFP+ Slots: Lightning-fast full 10 Gbps SFP+ slots provide high-bandwidth aggregation connectivity and non-blocking 320 Gbps switching capacity.
- Abundant L2 and L2+ Features: Supports a complete lineup of L2 and L2+ features including Static Routing, enterprise-level QoS, IGMP Snooping, and more.
  - Robust Security Strategies: Helps protect LAN area
- investment with integrated IP-MAC-Port Binding, ACL, Port Security, 802.1X Authentication, and more.
- Dual Redundant Power Supplies: Two power supplies backing each other up make it an ideal choice for reliable networking architecture.
  - Centralized Cloud Management: Integrates into Omada
- SDN for cloud access and remote management
- Standalone Management: Web. CLI (Console Port. Telnet. SSH), SNMP, RMON, and Dual Image bring powerful management capabilities.

Ports: 16x 10G SFP+ Additional ports: 1× RJ45 Console Port, 1× Micro-USB Console Port Fan Quantity: 1

Software features

Software features
Quality of Service: Support 802.1p CoS/DSCP priority,
Support 4 priority queues, Queue scheduling-SP, WRR,
SP+WRR, Port/Flow- based Rate Limiting
L2 and L2+ Features: DHCP Relay, DHCP VLAN Relay,
DHCP L2 Relay, Link Aggregation, Static link aggregation,
802.3ad LACP, Up to 8 aggregation groups and up to 8 ports
per group, Spanning Tree Protocol, 802.10 STP, 802.1w
RSTP, 802.1s MSTP, STP Security TC Protect, BPDU
Filter/Protect, Root Protect, Loopback Detection, Flow
Control, 802.3x Flow Control, Mirroring, Port Mirroring, CPU
Mirroring, One-to-One, Many-to-One, Flow-Based,
Ingress/Egress/Both, Device Link Detect Protocol (DLDP),
802.1ab LLDP/ LLDP-MED.

L2 Multicast: 511 IPv4, IPv6 shared multicast groups, IGMP Snooping, IGMP v1/v2/v3 Snooping, Fast Leave, IGMP

L2 Multicast: 511 | IPv4, | IPv6 shared multicast groups, IGMP Snooping, IGMP 1/v2/v3 Snooping, Fast Leave, IGMP Snooping, Underler, Static Group Config, Multicast VLAN Registration (MVR), Multicast Filtering, MLD Snooping, MLD v1/v2 Snooping, Fast Leave, MLD Snooping Querier, Static Group Config, Limited IP Multicast (256 profiles and 16 entries per profile) | IPv6 Support: IPv6 Dual IPv4/IPv6, Multicast Listener Discovery (MLD) Snooping, IPv6 neighbor discovery (ND), Path maximum transmission unit (MTU) discovery, Internet Control Message Protocol (ICMP) version 6, TCPv6/UDPv6, IPv6 applications, DHCPv6 Client, Ping6, Tracert6, Telnet (v6), IPv6 SNMP, IPv6 SSH, IPv6 SSL, Http/Https, IPv6 TFTP VLAN: VLAN Group, Max. 4K VLAN Groups, 802.10 tag VLAN, MAC VLAN, Protocol VLAN, GVRP, Voice VLAN Security: AAA, 802.1X, Port based authentication, MAC (Host) based authentication, Authentication Method includes PAP/EAP-MD5, MAB, Guest VLAN, Support Radius authentication and accountability, IP/IPv6-MAC Binding, 512 Binding Entries, DHCP Snooping, DHCPv6 Snooping, ARP Inspection, ND Detection, IP Source Guard, 253 Entries, Source IPv6 Address+Source MAC, DoS Defend, Static/Dynamic/Permanent Port Security, Up to 64 MAC addresses per port, Broadcast/Multicast/Unicast Storm Control, kbps/ratio control mode, Port Isolation, Secure web management through HTTPS with SSLv3/TLS 1.2, Secure Command Line Interface (CLI) management with SSHv1/SSHv2, IP/Port/MAC based access control Management Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Management Features: Web-based GUI, Command Line
Interface (CI) through blook SMM2(1/2/c/3/2 SMM) Trap/Inform, RMON (1,2,3,9 groups), SDM Template, DHCP/BOOTP Client, Dual Image, Dual Configuration, CPU DHCP/BOOTP client, Dual image, Dual configuration, C Monitoring, Cable Diagnostics, EEE, SNTP, System Log Switching capacity [Gbps]: 320 Packet Forwarding Rate: 238.08 Mpps MAC Address Table: 32K Jumbo Frame: 9 KB Jumpo Frame: 9 KB
Housing / case type: Rack Mountable
Dimensions: 17.3 × 8.7 × 1.7 in (440 × 220 × 44 mm)
Operating temperature: 0°C + 45°C
Operating humidity: 10% + 90%, non-condensing
Power: internal, 100-230VAC 50/60Hz, Dual Redundant
Power Supplies
Max Power Consumption: 22.74 M (2001) 55.

Max Power Consumption: 32.74 W (220 V / 50 Hz)
Max Heat Dissipation: 111.71 BTU/hr (220 V / 50 Hz)
Certificates:CE, FCC, RoHS

Warranty period: 5 years Manufacturer: TP-Link

## Unmanaged switch, 8x 10G RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SX1008)

- Eight 10 Gbps Ports. 8× 10-Gigabit ports unlock the highest performance of your 10G/Multi-Gig bandwidth and devices, and provide up to 160 Gbps of switching capacity.

  - Lightning-Fast Connections. Provides lightning-fast
- connections to 10G NAS, Server, 10G PCle Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 6 AP, 8K video, and
- Ideal for Various Scenarios, Built for lightning-fast connections in business and home offices, workstations, LAN parties, and home entertainment.
- Optimal 5-Speed Connections. Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections provide optimal
- Silent Operation. The revolutionary fanless design ensures unprecedented silent operation, ideal for any home of
- Durable Metal Casing. Durable metal casing, desktop/wall-mounting, and professional heat dissipation design are well suited for different environments.
- Plug and Play. Allows for easy deployment without the need for a technician.

Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802.3an, 802.3bz Copper ports: 8x 100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps Ports, Auto-Negotiation Auto MDI/MDI-X: yes Auto-negotiation (Nway): yes

Auto-negotiation (Nway): yes Switching Capacity: 100 Gbps Packet Forwarding Rate: 74.4 Mpps MAC Address Table: 32 K Packet Buffer Memory: 2 Mb Jumbo Frame: 10 KB Housing / case type: metal Dimensions: 226×131×35 mm

Operating humidity: 10% + 90%, non-condensing
Power: External Power Adapter (Output 12 VDC / 2.0 A) Max Power Consumption: 21.4 W Certificates:CE, FCC ,RoHS

Warranty period: 5 years Manufacturer: TP-Link





#09234 Net Price: 444.00 USD Unit: pcs

## Unmanaged switch, 8x 10G RJ-45, 11.6", 19" Rack-mounting Bracket (TP-Link TL-SX1008)

- Eight 10 Gbps Ports. 8× 10-Gigabit ports unlock the highest performance of your 10G/Multi-Gig bandwidth and devices, and provide up to 160 Gbps of switching capacity.

  - Lightning-Fast Connections. Provides lightning-fast
- connections to 10G NAS, Server, 10G PCIe Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 6 AP, 8K video, and
- Ideal for Various Scenarios. Built for lightning-fast connections in business and home offices, workstations, LAN parties, and home entertainment.
- Optimal 5-Speed Connections. Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections provide optimal
- Wide Operation Temperature. Durable metal casing and a heat dissipating design guarantee a wide operation temperature (0-50 °C).
- Plug and Play. Allows for easy deployment without the need for a technician.

Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1p, 802.3an, 802.3bz

Standards: IEEE 802.3, 802.3u, 802.3u, 802.3x, 802.1p, 802.3an, 802.3bx, 80

Manufacturer: TP-Link

## Switch modules, SFP, SFP28, QSFP, GBIC

Module, SFP 1x 1000 Mbps LC MM, 550 m, TX: 850 nm (TP-Link TL-SM311LM)



Port: 1x 1000 Mbps LC MM TX wavelength: 850 nm RX wavelength: 850 nm

Cable type: 50/125, 62.5/125 Module type: SFP

Max. distance: 550 m.

Warranty: 5 years Manufacturer: TP-Link

## #09223

Net Price: 12.20 USD Unit: pcs



Net Price: Unit: pcs

## Module, SFP 1x 1000 Mbps LC MM, 550 m, TX: 850 nm (Wave Optics, WO-SML-1285-550M)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) multimode fiber (MM) over a distance of 550m. TX wavelength 850nm.

Port: 1x 1000 Mbps LC MM TX wavelength: 850 nm RX wavelength: 850 nm Max. distance: 550 m wax. ulstalite: 330 M Cable type: 50/125, 62.5/125, 100/140 µm Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# #06382

## #08226

Net Price: 7.02 USD Unit: pcs

# Module, SFP 1x 1000 Mbps LC MM, 550 m, TX: 850 nm w/DDMI (Wave Optics, WO-SML-1285-550M-D)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) multimode fiber (MM) over a distance of 550m. TX wavelength 850nm.

Port: 1x 1000 Mbps LC MM TX wavelength: 850 nm RX wavelength: 850 nm Max. distance: 550 m Cable type: 50/125, 62.5/125, 100/140 µm Module type: SFP

DDMI : yes Warranty period: 1 year



## #06841

Net Price: 7.02 USD Unit: pcs



## #08921

Net Price: Unit: pcs



## #08536

Net Price: 11.10 USD Unit: pcs

## Module, SFP 1x 100 Mbps LC MM, 2 km, TX: 1310 nm (Wave Optics, WO-SML-0113-002K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) multimode fiber (MM) over a distance of 2km. TX wavelength 1310nm.

Port: 1x 100 Mbps LC MM TX wavelength: 1310 nm RX wavelength: 1310 nm Max. distance: 2 km Max. distance. 2 min Cable type: 50/125, 62.5/125 Module type: SFP Warranty period: 1 year Supports: SDH/STM-1, SONET/OC-3, Fast Ethernet Manufacturer: Wave Optics



## Module, SFP 1x 1000 Mbps LC MM, 2 km, TX: 1310 nm (Wave Optics, WO-SML-1213-002K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) multimode fiber (MM) over a distance of 2km. TX wavelength 1310nm.

Port: 1x 1000 Mbps LC MM TX wavelength: 1310 nm RX wavelength: 1310 nm Max. distance: 2 km

Max. distance: 2 km Cable type: 50/125, 62.5/125, 100/140 µm Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps LC SM, 10 km, TX: 1310 nm (TP-Link TL-SM311LS)

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Max. distance: 10 km Cable type: 9/125 um Single-mode Module type: SFP

Warranty: 5 years Manufacturer: TP-Link

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Net Price: 15.20 USD Unit: pcs



### #08538

Net Price: 13.20 USD Unit: pcs



### #06383

Net Price: 7.02 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 10 km, WDM, TX: 1550 nm (TP-Link TL-SM321A)

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1310 nm Max. distance: 10 km Cable type: 9/125 um Single-mode Module type: SFP

Warranty: 5 years Manufacturer: TP-Link

## Module, SFP 1x 1000 Mbps LC SM, 10 km, WDM, TX: 1550 nm (TP-Link TL-SM321B)

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Max. distance: 10 km Cable type: 9/125 um Single-mode Module type: SFP Warranty: 5 years

Manufacturer: TP-Link

## Module, SFP 1x 1000 Mbps LC SM, 20 km, TX: 1310 nm (Wave Optics, WO-SSL-1213-020K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) multimode fiber (MM) over a distance of 20km. TX wavelength 1310nm.

Port: 1x 1000 Mbps LC SM

Fort: IX 1000 whops LC SM TX wavelength: 1310 nm RX wavelength: 1310 nm Max. distance: 20 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



## #01193

Net Price: 8.78 USD Unit: pcs



### #05682

Net Price: 20.90 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 40 km, TX: 1310 nm (Wave Optics, WO-SSL-1213-040K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) single-mode fiber (SM) over a distance of 40km. TX wavelength 1310nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1310 nm Max. distance: 40 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Module type: SFP

Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps LC SM, 60 km, TX: 1550 nm (Wave Optics, WO-SSL-1215-060K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) single-mode fiber (SM) over a distance of 60km. TX wavelength 1550nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1550 nm

Max. distance: 60 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 80 km, TX: 1550 nm (Wave Optics, WO-SSL-1215-080K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) single-mode fiber (SM) over a distance of 80km. TX wavelength 1550nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1550 nm

Max. distance: 80 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



## #06000

Net Price: 45.40 USD Unit: pcs



## #06779

Net Price: 7.80 USD Unit: pcs



## #06780

Net Price: 7.80 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 120 km, TX: 1550 nm (Wave Optics, WO-SSL-1215-120K)

Insert type SFP (miniGBIC) designed for transmission of double (duplex) single-mode fiber (SM) over a distance of 120km. TX wavelength 1550nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1550 nm Max. distance: 120 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps SC SM, 3 km, WDM TX:1310nm (Wave Optics, WO-SWS-1213-003K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 3km. TX wavelength 1310nm.

Port: 1x 1000 Mbps SC SM

TX wavelength: 1310 nm RX wavelength: 1550 nm Max. distance: 3 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes Module type: SFP

Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps SC SM, 3 km, WDM TX:1550nm (Wave Optics, WO-SWS-1215-003K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 3km. TX wavelength 1310nm.

Port: 1x 1000 Mbps SC SM ron: 1x 1000 Mbps SC SM TX wavelength: 1550 nm RX wavelength: 1510 nm Max. distance: 3 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm Wave Division Multiplexing (WDM): yes Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



## #06713

Net Price: 7 80 USD Unit: pcs



## #06714

Net Price: 10 20 USD Unit: pcs



## #06715

Net Price: 9 88 USD Unit: pcs

### Module, SFP 1x 1000 Mbps SC SM, 20 km, WDM TX:1310nm (Wave Optics, WO-SWS-1213-020K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1310nm.

TX wavelength 13 form.

Port: 1x 1000 Mbps SC SM
TX wavelength: 1310 nm
RX wavelength: 1550 nm
Max. distance: 20 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

### Module, SFP 1x 1000 Mbps SC SM, 20 km, WDM TX:1550nm (Wave Optics, WO-SWS-1215-020K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1550nm.

TX wavelength 1530fml.

Port: 1x 1000 Mbps SC SM
TX wavelength: 1550 nm
RX wavelength: 1310 nm
Max. distance: 20 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

### Module, SFP 1x 1000 Mbps SC SM, 40 km, WDM TX:1310nm (Wave Optics, WO-SWS-1213-040K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 40km. TX wavelength 1310nm.

TX wavelength 13 form.

Port: 1x 1000 Mbps SC SM
TX wavelength: 1310 nm
RX wavelength: 1550 nm
Max. distance: 40 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics





Net Price: 12.70 USD Unit: pcs

## Module, SFP 1x 1000 Mbps SC SM, 40 km, WDM TX:1550nm (Wave Optics, WO-SWS-1215-040K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 40km. TX wavelength 1550nm.

TX wavelength 1550nm.

Port: 1x 1000 Mbps SC SM

TX wavelength: 1550 nm

RX wavelength: 1310 nm

Max. distance: 40 km

Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm

Wave Division Multiplexing (WDM): yes

Module type: SFP

Warranty period: 1 year

Manufacturer: Wave Optics



### #07404

Net Price: 6.83 USD Unit: pcs



TX wavelength 1490nm.

Port: 1x 1000 Mbps SC SM

## #07405

#06828

Net Price:

27.80 USD

Unit: pcs

6.83 USD Unit: pcs

#06462

Net Price: 7.02 USD

Unit: pcs



### #09155

#06829

Net Price:

27.80 USD

Unit: pcs

Net Price: 9.63 USD Unit: pcs

### Module, SFP 1x 1000 Mbps LC SM, 3 km, WDM TX:1310nm (Wave Optics, WO-SWL-1213-003K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 3km. TX wavelength 1310nm.

Port: 1x 1000 Mbps LC SM

Port: 1X 1000 Mopps LC SM
TX wavelength: 1310nm
RX wavelength: 1550nm
Max. distance: 3km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Ontics

Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps LC SM, 3 km, WDM TX:1550nm (Wave Optics, WO-SWL-1215-003K)

Module, SFP 1x 1000 Mbps SC SM, 80 km, WDM TX:1490nm (Wave Optics, WO-SWS-1214-080K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 80km.

Port: 1x 1000 Mpps SC SM
TX wavelength: 1490 nm
RX wavelength: 1550 nm
Max. distance: 80 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 3km. TX wavelength 1550nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550nm RX wavelength: 1310nm Max. distance: 3km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes Module type: SFP

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 2 km, WDM, TX: 1310 nm (TP-Link TL-SM321B-2)

Port: 1X TUDU MDps SC SM
TX wavelength: 1550 nm
RX wavelength: 1490 nm
Max. distance: 80 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

Module, SFP 1x 1000 Mbps SC SM, 80 km, WDM TX:1550nm (Wave Optics, WO-SWS-1215-080K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 80km.

- Adopts the latest standard 1000Base-BX

Up to 2 km transmission distance in 9/125 μm SMF (Single-Mode Fiber)

Compatible with Small Form Pluggable Multi-Source

TX wavelength 1550nm.

Port: 1x 1000 Mbps SC SM

Agreement (SFP-MSA)
- Supports Digital Diagnostic Monitoring (DDM)

Supports Hot Swappable

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Max. distance: 2 km Cable type: 9/125 um Single-mode DDM: Yes

SFP-MSA: Yes
Hot Swappable: Yes

Hot Swappanie: Yes Module type: SFP Power Supply: 3.3 V Operating Temperature: 0-70 °C (32-158 °F) Storage Temperature: -40-85 °C (-40-185 °F) Operating Humidity: 10-90% RH, Non-Condensing Storage Humidity: 5-90% RH, Non-Condensing

Safety & Emission: FCC, CE Warranty: 5 years Manufacturer: TP-Link



## #09154

Net Price: 9.63 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 2 km, WDM, TX: 1550 nm (TP-Link TL-SM321A-2)

Adopts the latest standard 1000Base-BX

- Up to 2 km transmission distance in 9/125 μm SMF (Single-Mode Fiber)

Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)

- Supports Digital Diagnostic Monitoring (DDM)
- Supports Hot Swappable

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1310 nm Max. distance: 2 km Cable type: 9/125 um Single-mode DDM: Yes SFP-MSA: Yes Hot Swappable: Yes Module type: SFP Module type: SFP
Power Supply: 3.3 V
Operating Temperature: 0-70 °C (32-158 °F)
Storage Temperature: -40-85 °C (-40-185 °F)
Operating Humidity: 10-90% RH, Non-Condensing
Storage Humidity: 5-90% RH, Non-Condensing
Safety & Emission: FCC, CE Warranty: 5 years Manufacturer: TP-Link



## Module, SFP 1x 1000 Mbps LC SM, 20 km, WDM TX:1310nm (Wave Optics, WO-SWL-1213-020K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1310nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Max. distance: 20 km Max. distance: 20 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



## #08808

Net Price: 7.02 USD Unit: pcs

# Module, SFP 1x 1000 Mbps LC SM, 20 km, WDM TX:1310nm (Wave Optics, WO-SWL-1213-020K-D-49)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1310nm. The model works with inserts with a TX wavelength of 1490 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1310 nm RX wavelength: 1490 nm Max. distance: 20 km

Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics





Net Price: 10.50 USD Unit: pcs



### #06463

Net Price: 10.00 USD Unit: pcs



### #06464

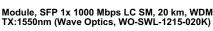
Net Price: 9.22 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 20 km, WDM TX:1490nm (Wave Optics, WO-SWL-1249-020K-D)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1490 nm.

Port: 1x 1000 Mbps LC SM Fort: IX 1000 widps LC SM
TX wavelength: 1490 nm
RX wavelength: 1310 nm
Max. distance: 20 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year

Manufacturer: Wave Optics



Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 20km. TX wavelength 1550 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1310 nm Max. distance: 20 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 1000 Mbps LC SM, 40 km, WDM TX:1310nm (Wave Optics, WO-SWL-1213-040K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 40km. TX wavelength 1310 nm.

Port: 1x 1000 Mbps LC SM Port: 1X TUDU MOBS LC SM
TX wavelength: 1310 nm
RX wavelength: 1550 nm
Max. distance: 40 km
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

### #06465

Net Price: 11.20 USD Unit: pcs



### #07406

Net Price: 27.30 USD Unit: pcs



### #07407

Net Price: 27.30 USD Unit: pcs

### Module, SFP 1x 1000 Mbps LC SM, 40 km, WDM TX:1550nm (Wave Optics, WO-SWL-1215-040K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 40km. TX wavelength 1550 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1310 nm Max. distance: 40 km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes Module type: SFP

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 80km, WDM TX:1490nm (Wave Optics, WO-SWL-1214-080K)

Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1490 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1490nm RX wavelength: 1550nm Max. distance: 80km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes Module type: SFP

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



Insert type SFP (miniGBIC) designed for transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1550 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550nm RX wavelength: 1490nm Max. distance: 80km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Wave Division Multiplexing (WDM): yes Module type: SEP

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



## #05771

Net Price: 37 30 USD Unit: pcs



### #06751

Net Price: 37 30 USD Unit: pcs



## #06718

Net Price: 37 30 USD Unit: pcs

# Module SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1470 nm (Wave Optics, WO-SCL-1247-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1470 nm.

Port: 1x 1000 Mbps LC SM CWDM
TX wavelength: 1470 nm
RX wavelength: 1470 nm
RX wavelength: 1470 nm
RAX. distance: 24d8 (80km)
Cable types: 8.3/125, 8.7/125, 9/125, 10/125 µm
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1450 nm (Wave Optics, WO-SCL-1245-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1450 nm.

Port: 1x 1000 Mbps LC SM
TX wavelength: 1450 nm
RX wavelength: 1450 nm
RX wavelength: 1450 nm
Max. distance: 24dB (80km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty neriod: 1 year

Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1490 nm (Wave Optics, WO-SCL-1249-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1490 nm.

Port: 1x 1000 Mbps LC SM Port: 1x 1000 MDps LC SM
TX wavelength: 1490 nm
RX wavelength: 1490 nm
Max. distance: 24dB (80km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty period: 1 year

Manufacturer: Wave Optics



## #06001

Net Price: 37.30 USD Unit: pcs



## #06002

Net Price: 37.30 USD Unit: pcs



## #06458

Net Price: 37.30 USD Unit: pcs

# Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1510 nm (Wave Optics, WO-SCL-1251-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1510 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1510 nm RX wavelength: 1510 nm

Max. distance: 24dB (80km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Coarse Wave Division Multiplexing (CWDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1530 nm (Wave Optics, WO-SCL-1253-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1530 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1530 nm RX wavelength: 1530 nm Max. distance: 24dB (80km) Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Coarse Wave Division Multiplexing (CWDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1550 nm (Wave Optics, WO-SCL-1255-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1550 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1550 nm RX wavelength: 1550 nm

Max. distance: 24dB (80km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Coarse Wave Division Multiplexing (CWDM): yes

Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics





Net Price: 37.30 USD Unit: pcs



#06056

Net Price: 37.30 USD Unit: pcs



#06461

Net Price: 37.30 USD Unit: pcs

## Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1570 nm (Wave Optics, WO-SCL-1257-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1570 nm.

Port: 1x 1000 Mbps LC SM Port: 1x 1000 Mbps LC SM TX wavelength: 1570 nm RX wavelength: 1570 nm Max. distance: 24dB (80km) Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Coarse Wave Division Multiplexing (CWDM): yes Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics

Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1590 nm (Wave Optics, WO-SCL-1259-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1590 nm.

Port: 1x 1000 Mbps LC SM
TX wavelength: 1590 nm
RX wavelength: 1590 nm
RX wavelength: 1590 nm
RX wavelength: 1590 nm
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

Module, SFP 1x 1000 Mbps LC SM, 24dB (80 km), CWDM, TX: 1610 nm (Wave Optics, WO-SCL-1261-080K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 80km. TX wavelength 1610 nm.

Port: 1x 1000 Mbps LC SM Port: 1x 1000 Mbps LC SM TX wavelength: 1610 nm RX wavelength: 1610 nm Max. distance: 24 dB (80 km) Cable type: 8.3/125, 8/7125, 9/125, 10/125 µm Coarse Wave Division Multiplexing (CWDM): yes Module type: SFP Warranty period: 1 year Manufacturer: Wave Optics



#06115

Net Price: 68.00 USD Unit: pcs

#06116

Net Price: 68.00 USD Unit: pcs



#06117

Net Price: 68.00 USD Unit: pcs

# Module, SFP 1x 1000 Mbps LC SM, 32dB (120 km), CWDM, TX: 1510 nm (Wave Optics, WO-SCL-1251-120K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 120km. TX wavelength 1510 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1510 nm RX wavelength: 1510 nm RX wavelength: 1510 nm RX. distance: 32dB (120km) Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Coarse Wave Division Multiplexing (CWDM): yes Module type: SFP Warranty period: 1 year

Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 32dB (120 km), CWDM, TX: 1530 nm (Wave Optics, WO-SCL-1253-120K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 120km. TX wavelength 1530 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1530 nm
RX wavelength: 1530 nm
RX wavelength: 1530 nm
Max. distance: 32dB (120km)
Cable type: 8.3/125, 8/7125, 9/125, 10/125 µm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty period: 1 year

Warranty period: 1 year Manufacturer: Wave Optics



Module, SFP 1x 1000 Mbps LC SM, 32dB (120 km), CWDM, TX: 1550 nm (Wave Optics, WO-SCL-1255-120K) Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of

TZORII: TX Wavelengtin 150 hm.

Port: 1x 1000 Mbps LC SM
TX wavelength: 1550 nm
RX wavelength: 1550 nm
Max. distance: 32dB (120km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty period: 1 year
Manufacturer: Wave Optics

120km. TX wavelength 1550 nm.



#06118

Net Price: 68 00 USD Unit: pcs



#06623

Net Price: 62 40 USD Unit: pcs



#08493

Net Price: 16.80 USD Unit: pcs

# Module, SFP 1x 1000 Mbps LC SM, 32dB (120 km), CWDM, TX: 1570 nm (Wave Optics, WO-SCL-1257-120K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 120km. TX wavelength 1570 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1570 nm
RX wavelength: 1570 nm
RX wavelength: 1570 nm
Max. distance: 32dB (120km)
Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Coarse Wave Division Multiplexing (CWDM): yes
Module type: SFP
Warranty neri

Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP 1x 1000 Mbps LC SM, 32dB (120 km), CWDM, TX: 1590 nm (Wave Optics, WO-SCL-1259-120K)

Insert type SFP (miniGBIC) designed for CWDM transmission with one fiber of a single-mode fiber (SM) over a distance of 120km. TX wavelength 1590 nm.

Port: 1x 1000 Mbps LC SM TX wavelength: 1590 nm RX wavelength: 1590 nm RX wavelength: 1590 nm Max. distance: 32dB (120km) Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Coarse Wave Division Multiplexing (CWDM): yes Module type: SFP

Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP 1x 10/100/1000 Mbps RJ-45 (Wave Optics, WO-SRL-1210-100M)

Port: 1x 10/100/1000 Mbps RJ-45 Max. distance: 100 m

Cable type: UTP/STP cat. 5

Temperature range: 0°C+85°C

Module type: SFP, hot-swap

Interface: SGMII

Manufacturer: Wave Optics



#09224

Net Price: 15.20 USD Unit: pcs

Port: 1x 1000 Mbps RJ-45 Max. distance: 100 m Cable type: UTP/STP cat. 5 Temperature range: 0°C÷70°C Module type: SFP, hot-swap Manufacturer: Tp-Link





Net Price: 34.00 USD Unit: pcs



### #09233

Net Price: 43.70 USD Unit: pcs

### #06760

Net Price: 48.30 USD Unit: pcs

## Module, SFP 1x 10G LC SM, 10 km, TX: 1310 nm (TP-Link TL-SM5110-LR)

- Single-mode SFP+ LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM) Compatible with 10G Small Form Pluggable Multi-Source
- Agreement (SFP+ MSA)
   Compatible with switches with 10G SFP+ ports, like

JetStream TL-SG3428X, TL-SG3428XMP, and more

Standards and Protocols: IEEE 802.3ae, TCP/IP, SFF-8472 Wave Length: 1310nm Power Supply: 3.3V Fiber Type: 9/125um Single-Mode Max. Cable Length: 10km

Max. Cable Length: 10km
Data Rate: 10Gbps
Port Type: LC/UPC
Safety & Emission: FCC, CE
Operating Temperature: 0°C~70°C (32°F~158°F)
Storage Temperature: -40°C~80°C (-40°F~176°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Warranty: 5 years

Warranty: 5 years Manufacturer: TP-Link

## Module, SFP+ 10G RJ-45 (TP-Link TL-SM5310-T)

The module enables transmission of up to 10G using a common copper connection with RJ45 plugs.

Port: 1x 10G/5G/2.5G/1G RJ-45 Max. distance: up to 30m@10G (cat6a cable), up to 100m@5G/2.5G (cat5e cable), up to 100m@1G (cat5e cable) Hot Swappable: Yes

Hot swappable: Yes Cable type: copper patch cable Temperature range: 0°C+70°C Module type: SFP+ Compatibit! 10GBase-T, 5GBase-T, 2.5GBase-T, 2.000Page T

1000Base-T Data Rate: 10.3 Gbps Safety & Emission: FCC, CE, RoHS Manufacturer: TP-Link

## Module, SFP+ 10G RJ-45 (Wave Optics, WO-PRJ-1010-030M)

The module enables transmission of up to 10G using a common copper connection with RJ45 plugs. Port: 1x 10G/5G/2.5G/1G RJ-45

Max. distance: up to 30m@10G (cat6a cable), up to 50m@5G/2.5G (cat5e cable), up to 100m@1G (cat5e cable) 50M@56/2.56 (calce cance), up to froming is calc. Cable type: copper patch cable Temperature range: 0°C+65°C Module type: SFP+ Compatibility: 10GBase-T, 5GBase-T, 2.5GBase-T, 1000Base-T Manufacturer: Wave Optics



### #06918

Net Price: 13.20 USD Unit: pcs



### #06381

Net Price: 19.50 USD Unit: pcs



### #06917

Net Price: 19.00 USD Unit: pcs

## Module, SFP+ 1x 10 Gbps LC MM, 300 m (Wave Optics, WO-PML-9685-300M-D)

Insert SFP + 10G designed for transmission of dual (duplex) multimode fiber (MM) at a distance of up to 300m. TX wavelength 850nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 Gbps LC MM TX wavelength: 850 nm IX wavelength: 850 nm RX wavelength: 850 nm Max. distance: 300 m Cable type: 50/125, 62,5/125 DMI: yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP+ 1x 10 Gbps LC SM, 10km, Tx:1310nm, DDMI (Wave Optics, WO-PSL-9613-010K-D H)

Insert SFP + 10G designed for transmission of dual (duplex) single-mode fiber (SM) at a distance of up to 10km. TX wavelength 1310nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 Gbps LC SM TX wavelength: 1310nm RX wavelength: 1310nm Max. distance: 10km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm

DMI: yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP+ 1x 10 Gbps LC SM, 10km, Tx:1310nm, DDMI (Wave Optics, WO-PSL-9613-010K-D)

Insert SFP + 10G designed for transmission of dual (duplex) single-mode fiber (SM) at a distance of up to 10km. TX wavelength 1310nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 Gbps LC SM TX wavelength: 1310nm RX wavelength: 1310nm Max. distance: 10km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm

DMI: yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics



Port: 1x 10 Gbps LC SM

## #08273

Net Price: 33.20 USD Unit: pcs



## #08195

Net Price: 117.00 USD Unit: pcs



## #08489

Net Price: 151.00 USD Unit: pcs

# Module, SFP+ 1x 10 Gbps LC SM, 40km, Tx:1310nm, DDMI (Wave Optics, WO-PSL-9613-040K-D)

Insert SFP + 10G designed for transmission by dual (duplex) single-mode fiber (SM) at a distance of up to 40km. TX wavelength 1310nm. The DDMI interface allows to monitor the connection status.

TX wavelength: 1310nm RX wavelength: 1310nm Max. distance: 40km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm DMI: yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP+ 1x 10 Gbps LC SM, 40km, Tx:1550nm, DDMI (Wave Optics, WO-PSL-9615-040K-D)

Port: 1x 10 Gbps LC SM TX wavelength: 1550nm RX wavelength: 1550nm Max. distance: 40km Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP+ ZR 1x 10 Gbps LC SM, 80km, Tx:1550nm, DDMI (Wave Optics, WO-PSL-9615-080K-D)

Port: 1x 10 Gbps LC SM TX wavelength: 1550nm RX wavelength: 1550nm Max. distance: 80km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm Module type: SFP+





Net Price: 25.40 USD Unit: pcs



#08190

Net Price: 25.40 USD Unit: pcs



#08191

Net Price: 26.30 USD Unit: pcs

## Module, SFP+ 1x 10 Gbps LC SM, 20 km, WDM TX:1270nm, DDMI (Wave Optics, WO-PWL-9627-020K-D)

Insert SFP + 10G designed for transmission with one fiber of a single-mode fiber (SM) at a distance of up to 20km. TX wavelength 1270nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 gbps LC SM TX wavelength: 1270 nm RX wavelength: 1330 nm Max. distance: 20 km

Wave Division Multiplexing (WDM): yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

Module, SFP+ 1x 10 Gbps LC SM, 20 km, WDM TX:1330nm, DDMI (Wave Optics, WO-PWL-9633-020K-D)

Insert SFP + 10G designed for transmission with one fiber of a single-mode fiber (SM) at a distance of up to 20km. TX wavelength 1330nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 gbps LC SM TX wavelength: 1330 nm RX wavelength: 1270 nm Max. distance: 20 km

Wave Division Multiplexing (WDM): yes Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

# Module, SFP+ 1x 10 Gbps LC SM, 40 km, WDM TX:1270nm, DDMI (Wave Optics, WO-PWL-9627-040K-D)

Insert SFP + 10G designed for transmission with one fiber of a single-mode fiber (SM) at a distance of up to 40km. TX wavelength 1270nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 gbps LC SM TX wavelength: 1270 nm RX wavelength: 1330 nm Max. distance: 40 km Wave Division Multiplexing (WDM): yes

Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

#08192

Net Price: 26.30 USD Unit: pcs



#06919

Net Price: 27.30 USD Unit: pcs



#08477

Net Price: 48.30 USD Unit: pcs

# Module, SFP+ 1x 10 Gbps LC SM, 40 km, WDM TX:1330nm, DDMI (Wave Optics, WO-PWL-9633-040K-D)

Insert SFP + 10G designed for transmission with one fiber of a single-mode fiber (SM) at a distance of up to 40km. TX wavelength 1330nm. The DDMI interface allows to monitor the connection status.

Port: 1x 10 gbps LC SM TX wavelength: 1330 nm RX wavelength: 1270 nm Max. distance: 40 km Wave Division Multiplexing (WDM): yes

Module type: SFP+ Warranty period: 1 year Manufacturer: Wave Optics

## Module, SFP28 1x 25 Gbps LC MM, 100 m (Wave Optics, WO-28ML-25G85-100M-D) $\,$

The SFP28 transceiver MM 100m offers reliable and high-speed data transmission up to 25G over a distance of 100 meters. With its multi-mode fiber technology, it ensures superior performance and low latency. Compliant with IEEE 802.3by standards, it is ideal for use in LAN, SAN, MAN,

Port: 1x 25 Gbps LC MM TX wavelength: 850 nm RX wavelength: 850 nm Max. distance: 100 m

servers, switches, and routers.

Cable type: 50/125 DMI: yes Module type: SFP28 Warranty period: 1 year Manufacturer: Wave Optics

## Module, QSFP+ 1x 40 Gbps MM, 150 m (WO-QSFP-SR4 )

Insert QSFP+ 1x 10G designed for transmission with double (duplex) multi-mode fiber (MM) at a distance of up to 100m (OM3) or 150m (OM4). The DDMI interface allows to monitor the connection status.

Port: 1x 10Gbps MM MPO TX wavelength: 850 nm RX wavelength: 850 nm Max. distance: up to 100 meters by OM3 fiber and 150M by OM4 fibe

Cable type: 50/125, 62,5/125 DMI: yes Module type: QSFP+ Manufacturer: Wave Optics

## #06842

Net Price: 198.00 USD Unit: pcs



## #08500

Net Price: 92.20 USD Unit: pcs

#08501

Net Price: 94.40 USD Unit: pcs

## Module, SFP+ 1x 40 Gbps LC SM, 10km, Tx:1310nm, DDMI (Wave Optics, WO-QSL-4013-010K-D)

Insert SFP+ 40G designed for transmission with a double (duplex) single-mode fiber (SM) at a distance of up to 10km. TX wavelength 1310nm. The DDMI interface allows to monitor the connection status.

Port: 1x 40 Gbps LC SM TX wavelength: 1310nm RX wavelength: 1310nm Max. distance: 10km Cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm

DMI: yes Module type: QSFP+ Warranty period: 1 year Manufacturer: Wave Optics

## QSFP+ Active Fiber Cable, 1,0 m (Wave Optics, WO-QSFP-40GB-AFO-01M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 1m

Manufacturer: Wave Optics

## QSFP+ Active Fiber Cable, 2,0 m (Wave Optics, WO-QSFP-40GB-AFO-02M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 2m Manufacturer: Wave Optics



## #08502

Net Price: 101.00 USD Unit: pcs



## #08497

Net Price: 32 90 USD Unit: pcs



## #08498

Net Price: 35 10 USD Unit: pcs

## QSFP+ Active Fiber Cable, 5,0 m (Wave Optics, WO-QSFP-40GB-AFO-05M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C÷70°C

Length: 5m Manufacturer: Wave Optics

### SFP+ Active Fiber Cable, 1,0 m (Wave Optics, WO-SFP-10GB-AFO-01M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Manufacturer: Wave Ontics

## SFP+ Active Fiber Cable, 2,0 m (Wave Optics, WO-SFP-10GB-AFO-02M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Manufacturer: Wave Ontics



#08499

Net Price: 41.70 USD Unit: pcs



#07275

Net Price: 29.60 USD Unit: pcs

#07276

Net Price: 36.20 USD Unit: pcs

## SFP+ Active Fiber Cable, 5,0 m (Wave Optics, WO-SFP-10GB-AFO-05M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal

applications
Improved pluggable form factor(IPF) compliant for enhanced

EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 5m

Manufacturer: Wave Optics



## QSFP+ Passive Copper Cable, 1,0 m (Wave Optics, WO-QSFP-40GB-CU-01M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

I/O Connector designed for high speed differential signal Improved pluggable form factor(IPF) compliant for enhanced

EMI/EMC performance

Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C÷70°C Length: 1m Manufacturer: Wave Optics



## QSFP+ Passive Copper Cable, 2,0 m (Wave Optics, WO-QSFP-40GB-CU-02M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C÷70°C Length: 2m Manufacturer: Wave Optics

### #07277

Net Price: 42.00 USD Unit: pcs



### #07278

Net Price: 62.40 USD Unit: pcs

### #08469

Net Price: 22.00 USD Unit: pcs

## QSFP+ Passive Copper Cable, 3,0 m (Wave Optics, WO-QSFP-40GB-CU-03M)

Support for multi-gigabit data rates up to 40Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: QSFP+ MSA, RoHS Operating case temperature: 0°C÷70°C Length: 3m

Manufacturer: Wave Optics



## QSFP+ Passive Copper Cable, 5,0 m (Wave Optics, WO-QSFP-40GB-CU-05M)

Support for multi-gigabit data rates up to 40Gbps
Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: QSFP+ MSA, RoHS

Operating case temperature: 0°C+70°C Length: 5m Manufacturer: Wave Optics



## SFP+ Active Copper Cable, 5.0 m (Wave Optics, WO-SFP-10GB-ACU-05M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 5m

Manufacturer: Wave Optics



## #08470

Net Price: 28.50 USD Unit: pcs



## #08471

Net Price: 41.70 USD Unit: pcs



## #08465

Net Price: 9.71 USD Unit: pcs

## SFP+ Active Copper Cable, 7.0 m (Wave Optics, WO-SFP-10GB-ACU-07M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 10bps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal applications Improved pluggable form factor(IPF) compliant for enhanced

EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Lenath: 7m

Manufacturer: Wave Optics

## SFP+ Active Copper Cable, 10.0 m (Wave Optics, WO-SFP-10GB-ACU-10M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Power consumption: <0.5W Power supply: +3.3V Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 10m Manufacturer: Wave Optics

## SFP+ Passive Copper Cable, 1,0 m (Wave Optics, WO-SFP-10GB-CU-01M)

Support for multi-glashit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C+70°C Length: 1m Manufacturer: Wave Optics



## #08434

Net Price: 11.40 USD Unit: pcs



## #08466

Net Price: 13.20 USD Unit: pcs



## #08467

Net Price: 21.20 USD Unit: pcs

## SFP+ Passive Copper Cable, 2,0 m (Wave Optics, WO-SFP-10GB-CU-02M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal

applications
Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C÷70°C Manufacturer: Wave Optics



## SFP+ Passive Copper Cable, 3.0 m (Wave Optics, WO-SFP-10GB-CU-03M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C÷70°C

Length: 3m Manufacturer: Wave Optics

## SFP+ Passive Copper Cable, 5.0 m (Wave Optics, WO-SFP-10GB-CU-05M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 1Gbps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal

applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP+ MSA, RoHS Operating case temperature: 0°C÷70°C Length: 5m

Manufacturer: Wave Optics





#08468 Net Price: 26.30 USD Unit: pcs



SFP28 25G Passive Copper Cable, 1,0 m (Wave Optics, WO-SFP28-25GB-CU-01M)

I/O Connector designed for high speed differential signal

Improved pluggable form factor(IPF) compliant for enhanced

SFP28 25G Passive Copper Cable, 5,0 m (Wave Optics, WO-SFP28-25GB-CU-05M)

I/O Connector designed for high speed differential signal

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Support for multi-gigabit data rates up to 28Gbps

Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

Compatible: SFP28 MSA, RoHS

Manufacturer: Wave Optics

Operating case temperature: 0°C÷70°C Length: 5m

Support for multi-gigabit data rates up to 28Gbps

Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

Compatible: SFP28 MSA, RoHS Operating case temperature: 0°C÷70°C Length: 1m Manufacturer: Wave Optics

#07283 Net Price: 30.70 USD Unit: pcs



SFP28 25G Passive Copper Cable, 2,0 m (Wave Optics, WO-SFP28-25GB-CU-02M)

I/O Connector designed for high speed differential signal

QSFP28 100G Passive Copper Cable, 1,0 m (Wave Optics, WO-QSFP28-100GB-CU-01M)

I/O Connector designed for high speed differential signal

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Support for multi-gigabit data rates up to 100Gbps

Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

Compatible: QSFP28 MSA, RoHS

Manufacturer: Wave Optics

Operating case temperature: 0°C÷70°C

Improved pluggable form factor(IPF) compliant for enhanced

Support for multi-gigabit data rates up to 28Gbps

Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

Compatible: SFP28 MSA, RoHS Operating case temperature: 0°C÷70°C Length: 2m Manufacturer: Wave Optics

#07284 Net Price: 37.30 USD Unit: pcs

## SFP+ Passive Copper Cable, 7.0 m (Wave Optics, WO-SFP-10GB-CU-07M)

Support for multi-gigabit data rates up to 10.5Gbps Data rates backward compatible to 10505ps
Data rates backward compatible to 105bps
Hot-pluggable SFP 20 PIN footprint
I/O Connector designed for high speed differential signal applications

Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP+ MSA, RoHS
Operating case temperature: 0°C+70°C
Length: 7m
Manufacturer: Wave Optics



#07285 Net Price: 41.70 USD Unit: pcs



EMI/EMC performance

applications

#07286 Net Price: 61.50 USD Unit: pcs



EMI/EMC performance

applications

#07279 Net Price: 46.10 USD Unit: pcs

## SFP28 25G Passive Copper Cable, 3,0 m (Wave Optics, WO-SFP28-25GB-CU-03M)

Support for multi-gigabit data rates up to 28Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications Improved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: SFP28 MSA, RoHS Operating case temperature: 0°C÷70°C Length: 3m

Manufacturer: Wave Optics



#07280 Net Price: 57 10 USD Unit: pcs



#07281 Net Price: 70.20 USD Unit: pcs



applications

Length: 1m

#07282 Net Price: 154 00 USD Unit: pcs

## QSFP28 100G Passive Copper Cable, 2,0 m (Wave Optics, WO-QSFP28-100GB-CU-02M)

Support for multi-gigabit data rates up to 100Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint I/O Connector designed for high speed differential signal

applications

nproved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: QSFP28 MSA, RoHS Operating case temperature: 0°C+70°C Length: 2m

Manufacturer: Wave Optics



## QSFP28 100G Passive Copper Cable, 3,0 m (Wave Optics, WO-QSFP28-100GB-CU-03M)

Support for multi-gigabit data rates up to 100Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

I/O Connector designed for high speed differential signal applications Improved pluggable form factor(IPF) compliant for enhanced

EMI/EMC performance Compatible: QSFP28 MSA, RoHS Operating case temperature: 0°C+70°C Length: 3m

Manufacturer: Wave Optics



## QSFP28 100G Passive Copper Cable, 5,0 m (Wave Optics, WO-QSFP28-100GB-CU-05M)

Support for multi-gigabit data rates up to 100Gbps Data rates backward compatible to 1Gbps Hot-pluggable SFP 20 PIN footprint

I/O Connector designed for high speed differential signal applications

nproved pluggable form factor(IPF) compliant for enhanced EMI/EMC performance

Compatible: QSFP28 MSA, RoHS Operating case temperature: 0°C+70°C Length: 5m

Manufacturer: Wave Optics

## Routers



#09318

Net Price: 134 00 USD Unit: pcs

# 3000Mbps Wireless gigabit VPN Router Omada, 5x 10/100/1000 RJ-45, 1 SFP slots, desktop (TP-Link ER706W)

- AX3000 Dual-Band WiFi: Supports 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz
- 6 Gigabit Ethernet Ports: 1 gigabit SFP and 5 gigabit RJ45 ports provide high-speed wired connectivity.
- Omada Mesh Technology: Seamlessly connects to EAPs that support mesh technology, ideal for large-scale scenarios.
   Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.

   Boosted Coverage: Triple external antennas extend and concentrate the Wi-Fi signals.

   High-Security VPN: Supports multiple VPN protocols including IPSec / SSL / Wireguard / PPTP / L2TP VPN, helping users to establish remote connections more flexibly.
- Abundant Security Features: Advanced firewall policies, DoS defense,IP/MAC/URL filtering, and more security
- functions protect your network and data.

Standards: IEEE 802.3u/ab/z/x/q
Copper ports: 1 Gigabit SFP WAN/LAN Port, 1 Gigabit WAN
Port, 4 Gigabit LAN/WAN Ports, 1 USB3.0 (supports USB
LTE dongle and USB Storage)
Flash: 128 MB NAND
DRAM: 512 MB DDR4
Antenna: 2.4 GHz 2x 3 dBi dual-band detachable antennas, 5
GHz 3x 4.5 dBi dual-band detachable antennas

Performance GRE: Unencrypted 624,2 Mb/s, Encrypted 301,5 Mb/s WireGuard VPN: 393,5 Mb/s

WireGuard VPN: 393,5 Mb/s
Concurrent Session: 150,000
New Sessions /Second: 5,100
NAT (Static IP): 937,2 Mb/s / 936,1 Mb/s
NAT(DHCP): 945,8 Mb/s / 940,6Mb/s
NAT(PPPoE): 942,9 Mb/s / 942,9Mb/s
NAT (PPTP): 837,4 Mb/s / 942,9Mb/s
NAT (PTPP): 837,4 Mb/s / 981,5 Mb/s
NAT (PTPP): 803,0 Mb/s / 910,5 Mb/s
IPsec VPN Throughput: ESP-SHA1-AES256 646,9 Mb/s, ESP-SHA256-AES256 642,8 Mb/s, ESP-SHA384-AES256 648,9 Mb/s, ESP-SHA512-AES256 658,4 Mb/s
OpenVPN: 129,3 Mb/s
L2TP VPN Throughput: Unencrypted 1034,0 Mb/s, Encrypted 570,0 Mb/s

570 0 Mb/s

57(J) Mb/s PPTP VPN Throughput: Unencrypted 1165,0 Mb/s, Encrypted 209,0 Mb/s SSL VPN Throughput: 126,7 Mb/s 66 Byte Packet forwarding rate: 1,453,489 p/s / 1,453,488 p/s 1,518 Byte Packet forwarding rate: 81,274 p/s / 91,275 p/s

Basic functions

WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP,

L21P
MAC Clone: Modify WAN/LAN MAC Address
DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
Interfaces, Multi-Net DHCP

Interfaces, Mutti-Net DHCP
IPv6: Developing
VLAN: 802.1Q VLAN
IPTV: IGMP v2/v3 Proxy
Advanced functions
ACL: IP/Port/Protocol/Domain Name Filtering
Advanced Routing: Static Routing, Policy Routing
Bandwidth Control: IP/Port-based Bandwidth Control,
Guarantee & Limited Bandwidth
Load Palance: Intelligent Load Balance, Application

Load Balance: Intelligent Load Balance, Application
Optimized Routing, Link Backup (Timing§, Failover), Online

NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnP

UPNP
Security: SPI Firewall, VPN Passthrough,
FTP/H.323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of
Death, Local Management
Session Limit: IP-based Session Limit
VPN

IPsec VPN: 100 IPSec VPN Tunnels, LAN-to-LAN.

IPsec VPN: 100 IPSec VPN Tunnels, LAN-to-LAN, Client-to-LAN, Main, Aggressive Negotiation Mode, DES, 3DES, AES128, AES192, AES256 Encryption Algorithm, IKEV1/v2, MD5, SHA1 Authentication Algorithm, NAT Traversal (NAT-T), Dead Peer Detection (DPD), Perfect Forward Secrecy (PFS)
PPTP VPN: PPTP VPN Server, 10 PPTP VPN Clients, 50 Tunnels, PPTP with MPPE Encryption
L2TP VPN: L2TP VPN Server, 10 L2TP VPN Clients, 50 Tunnels, L2TP over IPSec

OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 50 OpenVPN Tunnels
Web Authentication: No Authentication, Simple Password, Hotspot(Local User / Voucher\* / SMS\* / Radius\*), External Radius Sever, External Portal

Sever, Facebook

Management Omada App: `

Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Service: Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe)
Maintenance: Web Management Interface, Remote
Management, Export & Import Configuration, SNMP
v1/v2c/v3, Diagnostics (Ping & Traceroute), NTP
Synchronize, Syslog Support
Management Features: Automatic Device Discovery,

Intell gert Network Monitoring, Abnormal Event Warnings,
Unified Configuration, Reboot Schedule, Captive Portal
Congruttoring TP (Zele Purp Hundsching WOrk Accessories
Diffensions 19 × 5.2 × 1.4 in (226 × 131 × 35 mm)
Operating temperature: °C × 40°C
Operating humidity: 10% + 90%, non-condensing
Power: 12VDC / 2A Power Adapter
Max Power Consumption: EU 18.8W (with USB 3.0
connected), 11.8W (without USB 3.0 connected), US 22.7W
(with USB 3.0 connected) 18.2W (without USB 3.0
connected)
Certificates: CE, FCC, RoHS
Manufacturer: TP-Link

## .........

#09255

Net Price: 194.00 USD Unit: pcs

## Gigabit VPN Router Omada 3-in-1, 10x 10/100/1000 RJ-45, 2 SFP slots, PoE+, desktop (TP-Link ER7212PC)

- 3-in-1 Router: Integrates router, PoE switch, and Omada
- controller altogether.
  -Professional Hardware: Dual-Core CPU with 1GB DDR3 memory provides stellar performance for up to 12× Gigabit
- Up to 4× WAN Ethernet Ports: Equipped with 2× Gigabit SFP WAN/LAN ports, 1× Gigabit RJ45 WAN port, and 1× Gigabit RJ45 WAN/LAN port.
  - 110W PoE Budget: 8× 802.3at/af-compliant PoE+ RJ45

- THUM POE Budget: 8x 802.38t/ar-compliant POE+ RJ45
  LAN ports yield a total power supply of 110W.
   Centralized Management: Cloud access and the Omada app offer convenience and easy management.
   Highly Secure VPN: Supports IPsec VPN, OpenVPN, and
- L2TP/PPTP VPN connections.
- Easy Installation: Fanless and compact design for desktop and wall mounting.

and wall mounting.

Standards: IEEE 802.3u/ab/z/x/q

Copper ports: 1x Fixed Gigabit RJ45 WAN Port, 10x Fixed Gigabit RJ45 LAN Ports, 1x Gigabit RJ45 WAN/LAN Ports Free slots: 2x Fixed Gigabit SFP WAN Port PoE Budget: 8 ports PoE+ output, 110 W PoE Budget Flash: 8Mb NOR +4 GB EMMC

DRAM: 1 GB DDR3

DRAM: 1 GB DDR3
Protection: 4 kV surge protection
Enclosure: Steel
Performance
Concurrent Session: 24,980
IPsec VPN Throughput: 291.6 Mbps
New Sessions /Second: 1,900
NAT (Static IP): 935,5 Mb/s / 942,1 Mb/s
NAT(DHCP): 940,2 Mb/s / 941,7 Mb/s
NAT(PPPoE): 913,1 Mb/s / 935,2 Mb/s
NAT (PPTP): 543,0 Mb/s / 912,7 Mb/s
NAT (PPTP): 523,0 Mb/s / 912,7 Mb/s
NAT (PPTP): 523,0 Mb/s / 912,8 Mb/s
IPsec VPN Throughput (AES256): 168,5 Mb/s
OpenVPN: 34 Mb/s

L2TP VPN Throughput: Unencrypted- 845,3 Mb/s, Encrypted-

333,2 Mb/s

PPTP VPN Throughput: Unencrypted- 1012,6 Mb/s, Encrypted- 401,4 Mb/s 66 Byte Packet forwarding rate: 154,069 pps / 156,977 pps

1,518 Byte Packet forwarding rate: 81,193 pps / 81,193 pps WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP,

L2TP
MAC Clone: Modify WAN/LAN MAC Address
DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
Interfaces, Multi-Net DHCP
IPv6: Developing
VLAN: 802.1Q VLAN
IPTV: IGMP v2/v3 Proxy

IPTV: IGMP V2/V3 Proxy
Advanced functions
ACL: IP/Port/Protocol/Domain Name Filtering
Advanced Routing: Static Routing, Policy Routing
Bandwidth Control: IP/Port-based Bandwidth Control,
Guarantee & Limited Bandwidth

Load Balance: Intelligent Load Balance, Application
Optimized Routing, Link Backup (Timing§, Failover), Online
Detection

NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnP

Security: SPI Firewall, VPN Passthrough, FTP/H.323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of Death, Local Management Session Limit: IP-based Session Limit

VPN

VPN
IPsec VPN: 100 IPsec VPN Tunnels, LAN-to-LAN,
Client-to-LAN, Main, Aggressive Negotiation Mode, DES,
3DES, AES128, AES192, AES256 Encryption Algorithm,
IKEv1/v2, MD5, SHA1 Authentication Algorithm, NAT
Traversal (NAT-T), Dead Peer Detection (DPD), Perfect
Forward Secrecy (PFS)
PPTP VPN: PPTP VPN Server, 10 PPTP VPN Clients, 50
Tunnels, PPTP with MPPE Encryption
L2TP VPN: L2TP VPN Server, 10 L2TP VPN Clients, 50
Tunnels, L2TP over IPSec
OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 50
OpenVPN: Uppn VPN Server, 10 OpenVPN Clients, 50
OpenVPN: Uppn VPN Server, 10 OpenVPN Clients, 50
OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 50

Web Authentication: No Authentication, Simple Password, Hotspot(Local User / Voucher\* / SMS\* / Radius\*), External Radius Sever, External Portal

Sever, Facebook Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Service: Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe)
Maintenance: Web Management Interface, Remote
Management, Export & Import Configuration, SNMP
v1/V2C/v3, Diagnostics (Ping & Traceroute), NTP
Synchronize. Syslog Support

v1/v2c/v3, Diagnostics (Ping & Traceroute), NTP Synchronize, Syslog Support Management Features: Automatic Device Discovery, Intelligent Network Monitoring, Abnormal Event Warnings, Unified Configuration, Reboot Schedule, Captive Portal Configuration, ZTP (Zero-Touch Provisioning) Dimensions: 8.9 × 5.2 × 1.4 in (226 × 131 × 35 mm) Operating temperature: 0°C + 45°C





Net Price: 156.00 USD Unit: pcs

## Gigabit VPN Router Omada, 2x 2.5G, 4x 10/100/1000 RJ-45, 1 SFP slots, desktop (TP-Link ER707-M2)

- Two 2.5G Ports: 1× 2.5G WAN and 1× 2.5G WAN/LAN
- ports provide high-bandwidth aggregation connectivity.
   Up to 6 WAN Ports: 2.5G RJ45, gigabit Fiber, and gigabit RJ45 WAN ports with load balance raise the utilization rate of multi-line broadband.
- Highly Secure VPN: Enterprise-standard SSL/IPSec/GER§/PPTP/L2TP VPN & OpenVPN are ideal for

- SSL/IPSec/GER8/PPTP/L2TP VPN & OpenVPN are ideal for use across multiple branches and for WFH.

   Integrated into Omada SDN: Supports Zero-Touch Provisioning (ZTP),\*\* Centralized Cloud Management, Intelligent Monitoring, and more.

   Centralized Management: Cloud access and Omada app provide the utmost in management convenience.

   Extensive Security Features: Protect your network and data with advanced firewall policies. Post defense, IP/IMAC/URI
- with advanced firewall policies, DoS defense, IP/MAC/URL filtering, and more security functions.
- Standards: IEEE 802.3u/ab/z/x/q
  Copper ports: 1× 2.5G RJ45 WAN Port, 1× 2.5G RJ45
  WAN/LAN Port, 1× Gigabit SFP WAN/LAN Port, 4× Gigabit
  RJ45 WAN/LAN Ports, 1× USB 2.0 Port (Supports USB
- Flash: 128 MB NAND
  DRAM: 1 GB DDR4

- Performance Concurrent Session: 500,000

- Concurrent Session: 500,000
  New Sessions /Second: 6,000
  NAT (Static IP): 2365,17 Mb/s / 2364,45 Mb/s
  NAT(DHCP): 2364,45 Mb/s / 2366,04 Mb/s
  NAT(PPDeE): 2347,14 Mb/s / 2348,29 Mb/s
  NAT (L2TP): 1308,86 Mb/s / 974,10 Mb/s
  NAT (L2TP): 1308,86 Mb/s / 974,10 Mb/s
  NAT (PPTP): 1236,27 Mb/s / 1280,99 Mb/s
  IPsec VPN Throughput: ESP-SHA1-AES256 673.3 Mb/s,
  ESP-SHA256-AES256 650.2 Mb/s, ESP-SHA384-AES256
  629.3 Mb/s, ESP-SHA512-AES256 633.8 Mb/s
  L2TP VPN Throughput: Unencrypted 1243,7 Mb/s, Encrypted
  561.0 Mb/s
- 561 0 Mb/s
- SSL VPN Throughput: 132,24 Mb/s 66 Byte Packet forwarding rate: 1832,69 Mb/s / 1741,84 Mb/s 1,518 Byte Packet forwarding rate: 2461,18 Mb/s / 2457,32
- Mb/s Basic functions
- WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP,
- WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP, L2TP
  MAC Clone: Modify WAN/LAN MAC Address
  DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
  Interfaces, Multi-Net DHCP
  IPv6: Developing
  VLAN: 802.1Q VLAN
  IPTV: IGMP v2/v3 Proxy
  Advanced functions
  ACL: IP/Port/Protocol/Domain Name Filtering
  Advanced Routing: Static Routing, Policy Routing

- Advanced Routing: Static Routing, Policy Routing Bandwidth Control: IP/Port-based Bandwidth Control, Guarantee & Limited Bandwidth
- Load Balance: Intelligent Load Balance, Application Optimized Routing, Link Backup (Timing§, Failover), Online
- Detection
- NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnF
- OPINP
  Security: SPI Firewall, VPN Passthrough,
  FTP/H.323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of
  Death, Local Management
  Session Limit: IP-based Session Limit

- IPsec VPN: 100 IPSec VPN Tunnels, LAN-to-LAN, IPsec VPN: 100 IPSec VPN Tunnels, LAN-to-LAN, Client-to-LAN, Main, Aggressive Negotiation Mode, DES, 3DES, AES128, AES192, AES266 Encryption Algorithm, IKEv1/v2, MD5, SHA1 Authentication Algorithm, NAT Traversal (NAT-T), Dead Peer Detection (DPD), Perfect Forward Secrecy (PFS)
  PPTP VPN: PPTP VPN Server, 10 PPTP VPN Clients, 50 Tunnels, PPTP with MPPE Encryption
  L2TP VPN: L2TP VPN Server, 10 L2TP VPN Clients, 50 Tunnels, L2TP over IPSec
  OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 50 OpenVPN Tunnels
  Web Authentication: No Authentication, Simple Password, Hotspot&#65288\_Local User / Voucher\* / SMS\* /

- Radius\*), External Radius Sever, External Portal Sever, Facebook
- Management
- Omada App: Yes Centralized Management: Omada Cloud-Based Controller,

- Centralized Management: Omada Cloud-Based Controller, Omada Hardware Controller (OC300), Omada Hardware Controller (OC200), Omada Software Controller Cloud Access: Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller) Service: Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe) Maintenance: Web Management Interface, Remote Management, Export & Import Configuration, SNMP v1/v2c/v3, Diagnostics (Ping & Traceroute), NTP Synchronize, Syslog Support Management Features: Automatic Device Discovery, Intelligent Network Monitoring, Abnormal Event Warnings

- Management Features: Automatic Device Discovery, Intelligent Network Monitoring, Abnormal Event Warnings, Unified Configuration, Reboot Schedule, Captive Portal Configuration, ZTP (Zero-Touch Provisioning)
  Dimensions: 8.9 × 5.2 × 1.4 in (226 × 131 × 35 mm)
  Operating temperature: 0°C + 40°C
  Operating humidity: 10% ÷ 90%, non-condensing
  Power: 12V/1,5A Power Adapter



Net Price: 436.00 USD Unit: pcs

## Gigabit VPN Router Omada, 8x 10/100/1000 RJ-45, 2 SFP 10G slots, 19" (TP-Link ER8411)

- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*3, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.

  - Two 10GE SFP+ Ports: 1× WAN and 1× WAN/LAN 10GE
- SFP+ ports provide high-bandwidth aggregation connectivity. Up to 10 WAN Ports: Fiber and RJ45 WAN ports with load
- balance raise the utilization rate of multi-line broadband. - Highly Secure VPN: Enterprise-standard SSL/ IPSec / PPTP
- / L2TP VPN & OpenVPN / L2TP over IPSec VPN are ideal for use across multiple branches and for WFH.
- Abundant Security Features: Powerful Firewall, DoS defense, IP/MAC/URL filtering, and IP-MAC Binding, and One-Click ALG Activation provide world-class security.

Standards: IEEE 802.3u/ab/z/x/q

- Copper ports: 2× 10GE SFP+ Ports (1 WAN, 1 WAN/LAN), 1× 1GE SFP WAN/LAN Ports, 8× 1GE RJ45 WAN/LAN Ports, 1× RJ45 Console Ports, 2× USB Ports (Connecting 4G/3G
- Modem as WAN Backup)
  Flash: 4MB SPI NOR + 256 MB NAND
  DRAM: 4 GB DDR4

- LED: PWR, SYS, WAN, LAN, USB, FAN
  Max Power Consumption: 26.36 W (with USB 3.0 connected),
  19.12 W (without USB 3.0 connected)
- Protection: 4 kV surge protection Performance Concurrent Session: 2,300,000

- New Sessions /Second: 20,000
- NAT (Static IP): Upload- 9445.82 Mbps, Download- 9449.26
- NAT(DHCP): Upload- 9426.83 Mbps, Download- 9426.20
- Mbps NAT(PPPoE): Upload- 9413.96 Mbps, Download- 9102.01
- NAT (L2TP): Upload- 4230.62 Mbps, Download- 4169.53 Mbps
- NAT (PPTP): Upload- 3933.86 Mbps, Download- 3821.97 Mbps 64 Byte Packet Forwarding Rate: Upload- 1080 Mbps,

- 64 Byte Packet Forwarding Rate: Upload-1080 Mpps, Download-1030 Mbps IPsec VPN Throughput: SHA1-AES256-2140.45 Mbps, SHA2-AES256-2080.20 Mbps OpenVPN: 1665.64 Mbps L2TP VPN Throughput: Unencrypted-5013.50 Mbps, Encrypted-2274.74 Mbps PPTP VPN Throughput: Unencrypted-3933.86 Mbps, Encrypted-3821.97Mbps SSL VPN Throughput: 1511.10 Mbps 1,518 Byte Packet forwarding rate: Upload-9970 Mbps, Download-9970 Mbps, Download-9970 Mbps
- Download- 9970 Mbps Basic functions

- Basic functions
  WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP,
  L2TP, 6to4 Tunnel, Pass-Through, Mobile Broadband- 4G/3G
  modem for backup via USB port
  MAC Clone: Modify WaNILAN MAC Address
  DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
  Interfaces, Multi-Net DHCP
  IPv6: WAN Connection
  VLAN: 802.1Q VLAN

- VLAN: 802.1Q VLAN
  IPTV: IGMP V2I/V3 Proxy
  Advanced functions
  ACL: IP/Port/Protocol/Domain Name Filtering
  Advanced Routing: Static Routing, Policy Routing
  Bandwidth Control: IP/Port-based Bandwidth Control,

- Guarantee & Limited Bandwidth
  Load Balance: Intelligent Load Balance, Application
  Optimized Routing, Link Backup (Timing§, Failover), Online
- NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnP
- Security: SPI Firewall, VPN Passthrough,
  FTP/H.323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of
  Death, Local Management
  Session Limit: IP-based Session Limit
  VPN

- SSL VPN: SSL VPN Server, SSL VPN Client, 500 SSL VPN
- Tunnels IPsec VPN Tunnels, LAN-to-LAN, IPsec VPN: 300 IPSec VPN Tunnels, LAN-to-LAN, Client-to-LAN, Main, Aggressive Negotiation Mode, DES, 3DES, SHA1, SHA2, AES128, AES192, AES256 Encryption Algorithm, IKE v1/v2, MD5, SHA1 Authentication Algorithm, NAT Traversal (NAT-T), Dead Peer Detection (DPD), Perfect Forward Secrecy (PFS)
  PPTP VPN: PPTP VPN Server, PPTP VPN Client (32), 300 Tunnels (Shared with L2TP), PPTP with MPPE Encryption L2TP VPN: L2TP VPN Server, L2TP VPN Client (32), 300 Tunnels (Shared with PPTP), L2TP over IPSec OpenVPN: OpenVPN Server, OpenVPN Client (10), 110 OpenVPN Tunnels

- Open/VPN Tunnels
  Web Authentication: No Authentication, Simple Par
  Hotspot(Local User / Voucher\* / SMS\* / Radius\*), External Radius Sever, External Portal Sever, Facebook
- Management
- Management
  Omada App: Yes
  Centralized Management: Omada Cloud-Based Controller,
  Omada Hardware Controller (OC300), Omada Hardware
  Controller (OC200), Omada Software Controller
  Cloud Access: Yes (Through OC300, OC200, Omada
  Cloud-Based Controller, or Omada Software Controller)

Certificates:CF\_FCC\_RoHS Manufacturer: TP-Link

## #09094

Net Price: 146.00 USD Unit: pcs



#08374

Net Price: 32.80 USD Unit: pcs

## Gigabit VPN Router, 5x 10/100/1000 RJ-45, 1 SFP slots, desktop (TP-Link TL-ER7206)

- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP), Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for
- ultra convenience and easy management.
   Gigabit Ports: 1 gigabit SFP and 5 gigabit RJ45 ports
- provide high-speed wired connectivity.

   Up to 4 WAN Ports: 1 gigabit SFP WAN port, 1 gigabit RJ45 WAN port, 2 gigabit WAN/LAN ports optimize bandwidth
- Highly Secure VPN: Supports up to 100× LAN-to-LAN IPsec, 50× OpenVPN\*, 50× L2TP, and 50× PPTP VPN connections.
  - Abundant Security Features: Advanced firewall policies,
- DoS defense,IP/MAC/URL filtering, and more security functions protect your network and data.

Standards: IEEE 802.3u/ab/z/x/q
Copper ports: 1x Fixed Gigabit RJ45 WAN Port, 2x Fixed Gigabit RJ45 LAN Ports, 2x Changeable Gigabit RJ45 WAN/LAN Ports
Free slots: 1x Fixed Gigabit SFP WAN Port
Flash: SPI 4MB + NAND 128MB

DRAM: 512MB

Performance Concurrent Session: 150.000

IPsec VPN Throughput: 291.6 Mbps

Basic functions
WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP,

L2TP
MAC Clone: Modify WAN/LAN MAC Address
DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
Interfaces, Multi-Net DHCP
IPv6: Developing
VLAN: 802.1Q VLAN
IPTV: IGMP v2/v3 Proxy
Advanced functions
ACL: IP/Pgrt/Protocol/Domain Name Filtering

ACL: IP/Port/Protocol/Domain Name Filtering

Advanced Routing: Static Routing, Policy Routing Bandwidth Control: IP/Port-based Bandwidth Control,

Guarantee & Limited Bandwidth

Load Balance: Intelligent Load Balance, Application Optimized Routing, Link Backup (Timing§, Failover), Online

NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnP

Security: SPI Firewall, VPN Passthrough, FTP/H.323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of Death, Local Management

Session Limit: IP-based Session Limit

IPsec VPN: 100 IPSec VPN Tunnels, LAN-to-LAN, IFSec VPN: 100 IFSec VPN Tunnels, LAN-to-LAN, Client-to-LAN, Main, Aggressive Negotiation Mode, DES, 3DES, AES128, AES192, AES256 Encryption Algorithm, IKEv1/v2, MD5, SHA1 Authentication Algorithm, NAT Traversal (NAT-T), Dead Peer Detection (DPD), Perfect Forward Secrecy (PFS)
PPTP VPN: PPTP VPN Server, 10 PPTP VPN Clients, 50

Tunnels, PPTP with MPPE Encryption L2TP VPN: L2TP VPN Server, 10 L2TP VPN Clients, 50 Tunnels, L2TP over IPSec

OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 50 OpenVPN Tunnels Web Authentication: No Authentication, Simple Password, HotspotᦀLocal User / Voucher\* / SMS\* / Radius\*), External Radius Sever, External Portal

Sever, Facebook Management

Sever, Facebook Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Service: Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe)
Maintenance: Web Management Interface, Remote
Management, Export & Import Configuration, SNMP
v1/v2c/v3, Diagnostics (Ping & Traceroute), NTP
Synchronize, Syslog Support
Management Features: Automatic Device Discovery,
Intelligent Network Monitoring, Abnormal Event Warnings,
Unified Configuration, Reboot Schedule, Captive Portal
Configuration, ZTP (Zero-Touch Provisioning)
Dimensions: 8.9 × 5.2 × 1.4 in (226 × 131 × 35 mm)
Operating temperature: 0°C + 40°C
Operating temperature: 0°C + 40°C
Operating humidity: 10% × 90%, non-condensing
Power: internal, ~230V AC 50Hz
Certificates: CE, FCC, RoHS
Manufacturer: TP-Link

### Load Balance Broadband Router (TP-Link TL-R470T+)

- Up to 4 WAN ports equipped with advanced load balance to guarantee maximum bandwidth and backup capabilities
- Provides extensive client account and network management for administrators with supported PPPoE Server
- Marshals bandwidth resource to specific clients based on their unique application environments
- Smaller case for cost-effective solution in the small office or Internet cafes network

HARDWARE FEATURES

HARDWARE FEATURES:
Standards and Protocols:IEEE 802.3, 802.3u, 802.3x,
TCP/IP, DHCP, ICMP, NAT, PPPOE, SNTP, HTTP, DDNS
Interface:1 Fixed Ethernet WAN Port, 1 Fixed Ethernet LAN
Port, 3 Changeable Ethernet WAN/LAN Ports
Network Media:10BASE-T UTP category 3, 4, 5 cable
(maximum 328.1feet), EIA/TIA-568 100Ω STP (maximum
328.1feet), 100BASE-TX UTP category 5, 5e cable
(maximum 328.1feet), EIA/TIA-568 100Ω STP (maximum
328.1feet), EIA/TIA-568 100Ω STP (maximum

328 1feet)

Flash:4MB DRAM:64MB

LED:PWR, SYS, WAN, LAN, WAN/LAN
Button:Reset Button
Dimensions (W X D X H):8.2\*5.0\*1.0in. (209\*126\*26mm)

Power Supply:Internal Universal Power Supply, AC100-240V~50/60Hz input PERFORMANCE:

PERFURNMANUE:
Concurrent Session:10000
BASIC FUNCTIONS:
DHCP:DHCP Server/Client, DHCP Address Reservation
MAC Clone:Modify WAN/LAN MAC Address
Switch Setting:Port Mirror, Rate Control, Port Configuration,

PORT VLAN
WAN Connection Type:Static/Dynamic IP, PPPoE, PPTP,
L2TP, Dual Access, Bigpond Cable
ADVANCED FUNCTIONS:
ACL:IP/MAC/URL/WEB Filtering
Forwarding:Virtual Server, Port Triggering, DMZ
Load Balance:Policy Routing, Link Backup
Routing:Static Pouring

Routing:Static Routing
Security:FTP/SIIP/PTP/IPsec/H.323 ALG, DoS Defence,
Ping of Death, IP/MAC Binding
Traffic Control:Bandwidth Control, Session Limit

MANAGEMENT:

MANAGEMENT:
Maintenance:Time Setting, Diagnostics, Firmware Upgrade,
Factory Defaults/Reboot, Backup/Restore, System Log, Remote Management, Statistics Service:PPPoE Server, E-Bulletin, Dynamic DNS, UPnP

OTHERS:

service is available

OTHERS:
Certification:CE, FCC, RoHS
Package Contents:TL-R470T+, Power Cord, RJ-45 Ethernet
Cable, Quick Installation Guide, Resource CD
Environment:Operating Temperature 0°~40° (32°~104°),
Storage Temperature -40°~70° (-40°~158°), Operating
Humidity 10%~90% non-condensing, Storage Humidity

5%~90% non-condensing Warranty:5 years limited warranty. Advanced replacement



Net Price: 43.70 USD Unit: pcs

#06261



#09126

Net Price: 52.20 USD Unit: pcs



#08929

Net Price: 95.50 USD Unit: pcs

## SMB broadband router, 2x WAN, 3x LAN, load balancing (TP-Link TL-R480T+)

Standards: IEEE 802.3/u/x, IEEE 802.1X Ports: 2x 10/100 Mbps RJ-45 (WAN), 3x 10/100 Mbps RJ-45

(LAN)
Protocols: TCP/IP, PPPoE, DHCP, ICMP

Addressing: static IP, DHCP VLAN support: port-based (LAN)

I/O throughput management: Bandwidth Control LAN security: firewall, DNS filtering, MAC address filtering, 802.1x authorization (WAN), attack protection Router features: static routes, NAT, DMZ, virtual servers, load

balancing Network features: UPnP, DDNS, VPN pass-through, L2TP,

Additional features: access control based on content or/and time of day

Dimensions: 294x180x44 mm
Operating temperatures: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CE, FCC

Warranty: 5 years Manufacturer: TP-Link

## Gigabit VPN Router Omada, 5x 10/100/1000 RJ-45, desktop (TP-Link TL-ER605 (TL-R605))

- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)\*\*, Centralized Cloud Management, and Intelligent Monitoring.
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management.
  - Five Gigabit Ports: High-speed wired connectivity.
- Up to 4 WAN Ports: 1 gigabit WAN port and 3 gigabit WAN/LAN ports with load balance raise the utilization rate of multi-line broadband.
- Highly Secure VPN: Supports up to 20× LAN-to-LAN IPsec. 16× OpenVPN\*, 16× L2TP, and 16× PPTP VPN connections. - Abundant Security Features: Advanced firewall policies, DoS defense,IP/MAC/URL filtering, and more security

Standards: IEEE 802.3u/ab/x/q

functions protect your network and data.

Copper ports: 1x Fixed Gigabit RJ45 WAN Port, 1x Fixed Gigabit RJ45 LAN Ports, 3x Changeable Gigabit RJ45

WAN/LAN Ports Flash: SPI 16MB DRAM: 128MB

Performance
Concurrent Session: 25,000
IPsec VPN Throughput: 41,5 Mbps

Basic functions
WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP, L2TP

L21P
MAC Clone: Modify WAN/LAN MAC Address
DHCP: DHCP Server, DHCP Address Reservation, Multi-IP
Interfaces, Multi-Net DHCP
IPv6: Developing
VLAN: 802.1Q VLAN
IPTV: IGMP v2/v3 Proxy
Addressed fundions

IP1V: IGMP V2I/V3 Proxy
Advanced functions
ACL: IP/Port/Protocol/Domain Name Filtering
Advanced Routing: Static Routing, Policy Routing
Bandwidth Control: IP/Port-based Bandwidth Control,
Guarantee & Limited Bandwidth
Load Balance: Intelligent Load Balance, Application

Optimized Routing, Link Backup (Timing§, Failover), Online Detection

NAT: One-to-One NAT, Multi-Net NAT, Virtual Server, Port Triggering, NAT-DMZ, FTP/H.323/SIP/IPSec/PPTP ALG, UPnP

OPINP
Security: SPI Firewall, VPN Passthrough,
FTP/H,323/PPTP/SIP/IPsec ALG, DoS Defence, Ping of
Death, Local Management
Session Limit: IP-based Session Limit

VPN
IPsec VPN: 20 IPSec VPN Tunnels, LAN-to-LAN,
Client-to-LAN, Main, Aggressive Negotiation Mode, DES,
3DES, AES128, AES192, AES256 Encryption Algorithm,
IKEv1/v2, MD5, SHA1 Authentication Algorithm, NAT
Traversal (NAT-T), Dead Peer Detection (DPD), Perfect
Forward Secrecy (PFS)
PPTP VPN: PPTP VPN Server, 10 PPTP VPN Clients, 16
Tunnels, PPTP with MPPE Encryption
L2TP VPN: L2TP VPN Server, 10 L2TP VPN Clients, 16
Tunnels. L2TP over IPSec

Tunnels, L2TP over IPSec
OpenVPN: OpenVPN Server, 10 OpenVPN Clients, 16

OpenVPN Tunnels

Filtering: WEB Group Filtering, URL Filtering, Web Security ARP Inspection: Sending GARP Packets, ARP Scanning,

ARP Inspection: Sending GARP Packets, ARP Scanning, IP-MAC Binding\$
Attack Defense: TCP/UDP/ICMP Flood Defense, Block TCP Scan (Stealth FIN/Xmas/Null), Block Ping from WAN Access Control: Source/Destination IP Based Access Control Web Authentication: No Authentication, Simple Password, Hotspot(Local User / Voucher\* / SMS\* / Radius\*), External Radius Sever, External Portal

Sever, Facebook Management

Management
Omada App: Yes
Centralized Management: Omada Cloud-Based Controller,
Omada Hardware Controller (OC300), Omada Hardware
Controller (OC200), Omada Software Controller
Cloud Access: Yes (Through OC300, OC200, Omada
Cloud-Based Controller, or Omada Software Controller)
Service: Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe)
Maintenance: Web Management Interface, Remote
Management, Export & Import Configuration, SNMP
y1/y2/y3, Diagnostics (Ping & Traceroute), NTP V1/V2c/V3, Diagnostics (Ping & Traceroute), NTP Synchronize, Syslog Support Management Features: Automatic Device Discovery, Management Features: Automatic Device Discovery, Intelligent Network Monitoring, Abnormal Event Warnings, Unified Configuration, Reboot Schedule, Captive Portal Configuration, ZTP (Zero-Touch Provisioning) Dimensions: 158 × 101 × 25 mm (6.2 × 4,0 × 1,0 in) Operating temperature: 0°C ÷ 40°C Operating humidity: 10% ÷ 90%, non-condensing Power: internal, ~230V AC 50Hz Certificates:CE, FCC, RoHS

Manufacturer: TP-Link

## Router EdgeRouter Lite, 3x 10/100/1000 RJ-45 (Ubiquiti ERLite-3)

Ports: 3x 10/100/1000 Mbps RJ-45 (LAN), 1x RJ45 Serial

Button: Reset

Button: Reset LEDs Per Data Port: Power/Speed/Link/Activity Processor: Dual-Core 500 MHz, MIPS64 with Hardware Acceleration for Packet Processing System Memory: 512 MB DDR2 RAM

On-Board Flash Storage: 2 GB Layer 3 Forwarding Performance: 2,400,000 pps, 8 Gbps (Line Rate)

(Line Rate)
Max. Power Consumption: 7 W
Power: 12VDC, 1A Power Adapter (Included)
Power Input: 9 to 24VDC Supported Voltage Range Mounting: Wall
Dimensions: 200 x 90 x 30 mm (7.87 x 3.54 x 1.18 in)

Weight: 345 g Operating temperatures: -10°C + 45°C Operating humidity: 10% + 90%, non-condensing Certificates: CE, FCC, IC

Manufacturer: Ubiquiti

## Computer Network Accessories



#07014

Net Price: 114.00 USD Unit: pcs

## Security Gateway UNIFI (Ubiquiti UNIFI USG)

Ports: 3x 10/100/1000 Mbps RJ-45 (LAN), 1x RJ45 Serial

Port
LEDs Per Data Port: Status/Power/Speed/Link/Activity
Processor: Dual-Core 500 MHz, MIPS64 with Hardware
Acceleration for Packet Processing
System Memory: 512 MB DDR2 RAM
On-Board Flash Storage: 2 GB
Layer 3 Forwarding Performance: 1,000,000 pps, 3 Gbps
(Line Rate)
May Power Consumption: 7 M/

(Line Kate)
Max. Power Consumption: 7 W
Power: 12VDC, 1A Power Adapter (Included)
Power Input: 9 to 24VDC Supported Voltage Range
Dimensions: 135 x 135 x 28.3 mm (5.32 x 5.32 x 1.11")
Weight: 366 g

Operating temperatures: -10°C ÷ 45°C
Operating humidity: 10% ÷ 90%, non-condensing
Certificates: CE, FCC, IC

Manufacturer: Ubiquiti

### Network interface cards



TX401)

93.30 USD

## Network adapter, PCI Express, 10 Gb/s (TP-Link

- 10 Gbps Networking - Combined with the latest 10GBase-T Technology, TX401 delivers extreme speeds of up to 10 Gbps, which is 10× faster than typical Gigabit adapters, guaranteeing smooth data transmissions for both internet access and local data transmissions.

- Versatile Compatibility - With extreme speed and ultra-low

latency, 10GBase-T is backwards compatible with Fast Ethernet and Gigabit Ethernet, automatically negotiating

between higher and lower speed connections.
- CAT6A Ethernet Cable - To maximize TX401's performance, a 1.5 m CAT6A Ethernet Cable is included-rated for up to 10 Gbps while a regular cable is only rated for 1 Gbps.

- Low-Profile and Full-Height Brackets - In addition to the standard bracket, a low-profile bracket is provided for mini tower computer cases. Customized options give you the flexibility to find a bracket that perfectly fits your board design.

- Comprehensive System Support - Fully compatible with Windows 10/8.1/8/7, Windows Servers 2019/2016/2012 R2, and Linux to meet your diverse operating system needs

Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3bz, 802.3an, 802.3az, 802.3x System bus: PCI Express Port: 1x RJ-45 LED: 10 Gbps Link/Act, 5 / 2.5 / 1 Gbps and 100 Mbps

LED: 10 Gbps Littorics, 57 2.57 1 Gbps. Littorics, 57 2.57 1 Gbps. Littorics, 57 2.57 1 Gbps. 10 Gbps. 12 Gbps.

Flow Control: 802.3x

Drivers: Windows 10/8.1/8/7, Windows Servers 2019/2016/2012 R2, Linux

Manufacturer: TP-Link

### #09162



#09282

Net Price: 23.10 USD Unit: pcs

## Network adapter, PCI Express, 2.5 Gb/s (TP-Link TX201)

- Blazing Speed - 2.5 Gigabit Ethernet unlock the highest performance of your Multi-Gig bandwidth and device Whether local data transfer or Internet access, the TX201 is up to the task.

 Versatile Compatibility - With extreme speed and ultra-low latency, 2.5GBase-T is backwards compatible with Fast Ethernet and Gigabit Ethernet, automatically negotiating between higher and lower speed connections.

- Low-Profile and Full-Height Brackets - In addition to the standard bracket, a low-profile bracket is provided for mini tower computer cases. Customized options give you the flexibility to find a bracket that perfectly fits your board design.

- Comprehensive System Support - Fully compatible with Windows 11/10/8 1/8/7 Windows Servers 2022/2019/2016/2012 R2/2012/2008 R2, Linux.

Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3bz, 802.3x

System bus: PCI Express
Port: 1x RJ-45
LED: 2.5 / 1 Gbps and 100 Mbps Link/Act

Data Rates: 10 Mbps, 100 Mbps, 1 Gbps, 2.5 Gbps for Half-Duplex mode, 20 Mbps, 200 Mbps, 2 Gbps, 5 Gbps for Full-Duplex mode

Dimensions: 120.8 × 98.2 × 21.5 mm (4.8 × 3.9 × 0.8 in) Flow Control: 802.3x Drivers: Windows 11/10/8.1/8/7, Windows Servers

2022/2019/2016/2012 R2, Linux Manufacturer: TP-Link

#08914

Net Price: 10.50 USD Unit: pcs

## Network adapter, PCI Express, 32-bit, Gigabit (TP-Link TG-3468)

Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1q, 802.1p CSMA/CD, TCP/IP System bus: PCI Express

Port: 1x 10/100/1000 Mbps RJ-45 Drivers: Obsługa systemów Windows XP 32/64bit, Vista 32/64bit, Windows7 32/64bit

Warranty period: 24 months Manufacturer: TP-Link





## #07606

# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, MM 1310nm, 2km (Wave Optics, WO-KB-MDS-002K)

Standards: IEEE 802.3ab/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100m Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC MM
TX wavelength: 1310nm
RX wavelength: 1310nm
Port #2 cable type: 50/125, 62.5/125, 100/140 μm
Housing / case type: desktop
Operating temperature: 0°C + 45°C
Departing temperature: 0°C + 45°C

Operating humidity: 10% ÷ 90%, non-condensing Certificates: FCC Class B. CE Warranty period: 2 years

Net Price: 23.90 USD Unit: pcs





Net Price: 29.80 USD Unit: pcs



## #07605

Net Price: 23.90 USD Unit: pcs



### #06424

Net Price: 28.60 USD Unit: pcs

## Gigabit media converter 10/100/1000 Mbps RJ-45/SC, MM 850 nm, 550 m (TP-Link MC200CM)

RJ-45/SC, MM 850 nm, 550 m (TP-Link MC2 Standards: IEEE 802.3ab/z/x Port #1: 10/100/1000 Mbps RJ-45 (Auto MDI/MDIX) Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC MM TX wavelength: 850 nm RX wavelength: 850 nm RX wavelength: 850 nm Port #2 max. distance: 550 m Port #2 cable type: 50/125, 62.5/125, 100/140 μm Housing / case type: desktop / slot module Dimensions: 94.5x73x27 mm Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Power: external, 9V/0.6A Max Power Consumption: 5.5W Certificates: FCC, CE, RoHS Warranty period: 5 years Warranty period: 5 years Manufacturer: TP-Link

# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, MM 850nm, 550m (Wave Optics, WO-KB-MDS-550)

Standards: IEEE 802.3ab/z Port #1: 10/100/1000 Mbps RJ-45 Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC MM
TX wavelength: 850nm
RX wavelength: 850nm
Port #2 cable type: 50/125, 62.5/125, 100/140 μm
Housing / case type: 6s/045, 62.5/125, 100/140 μm
Housing / case type: 4sktop
Operating temperature: 0°C ÷ 45°C
Operating humidity: 10% + 90%, non-condensing
Certificates: FCC Class B, CE
Warranty period: 2 years

## Gigabit media converter 10/100/1000 Mbps RJ-45/SC, SM 1310 nm, 15 km (TP-Link MC210CS)

Standards: IEEE 802.3ab/z/i/u Port #1: 10/100/1000 Mbps RJ-45 (Auto MDI/MDIX) Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM

TX wavelength: 1310 nm RX wavelength: 1310 nm

Port #2 max. distance: 15 km Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Housing / case type: desktop / slot module Dimensions: 94.5x73x27 mm

Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external, 9V/0.6A

Max Power Consumption: 1.8W
Certificates: FCC Class B, CE, VCCI-B
Warranty period: 5 years
Manufacturer: TP-Link



### #07607

Net Price: 23.90 USD Unit: pcs



### #07608

Net Price: 23.90 USD Unit: pcs



### #07609

Net Price: 28.00 USD Unit: pcs

# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, SM 1310nm, 10km (Wave Optics, WO-KB-SDS-010K)

WO-KB-SDS-010K)

Standards: IEEE 802.3ab/z
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
Port #2 max. distance: 10km
Port #2 max. distance: 10km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Housing / case type: desktop
Operating temperature: 0°C + 45°C
Operating humidity: 10% ÷ 90%, non-condensing
Certificates: FCC Class B, CE
Warranty period: 2 years

Net Price: 43.90 USD Unit: pcs



# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, SM 1310nm, 20km (Wave Optics, WO-KB-SDS-020K)

WO-KB-SDS-020K)
Standards: IEEE 802.3 i/u/ab/z/x
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
Port #2 max. distance: 20km
Port #2 max. distance: 20km
Port #2 cable type: 50/125, 62.5/125, 100/140 μm
Housing / case type: desktop
Operating temperature: 0°C + 45°C
Operating humidity: 10% ÷ 90%, non-condensing
Certificates: FCC Class B, CE
Warranty period: 2 years

# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, SM 1550nm, 40km (Wave Optics, WO-KB-SDS-040K)

Standards: IEEE 802.3ab/z Standards: IEEE 802.3ab/z
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1550nm
RX wavelength: 1550nm
Port #2 max. distance: 40km
Port #2 cable type: 50/125, 62.5/125, 100/140 µm
Housing / case type: desktop
Operating temperature: 0°C + 45°C
Operating humidity: 10% + 90%, non-condensing
Certificates: FCC Class B, CE
Warranty epriod: 2 years Warranty period: 2 years



Warranty period: 2 years

## #07610

Warranty period: 2 years

## #06063

Net Price: 25.50 USD Unit: pcs



## #07600

Net Price: 18.30 USD Unit: pcs

# Gigabit media converter 10/100/1000 Mbps RJ-45/SC, SM 1550nm, 60km (Wave Optics, WO-KB-SDS-060K)

Standards: IEEE 802.3ab/z Standards: IEEE 802.3ab/z
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1550nm
RX wavelength: 1550nm
RX wavelength: 650nm
Port #2 mx. distance: 60km
Port #2 cable type: 50/125, 62.5/125, 100/140 µm
Hausing / cap thros desthers Port #2 canie type: 30/125, 02:3/125, 100/140 µm Housing / case type: desktop Operating temperature: 0°C ÷ 45°C Operating humidity: 10% ÷ 90%, non-condensing Certificates: FCC Class B, CE Warranty period: 2 years

## Media converter 10/100 Mbps RJ-45/SC, MM 1310nm, 2km (TP-Link MC100CM)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ.45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC MM
TX wavelength: 1310nm
RX wavelength: 1310nm
Port #2 max. distance: 2km
Port #2 cable type: 50/125, 62.5/125, 100/140 µm
Max. throughput [Gbps]: 0.2
Housing: desktop / rack 19"
Dimensions: 94x73x27 mm
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing Operating humidity: 10% ÷ 90%, non-condensing Power: external, 9V DC 0,6A, ~230V AC 50Hz Max Power Consumption: 2.4W Warranty: 5 years Manufactuer: TP-Link

## Media converter 10/100 Mbps RJ-45/SC, MM 1310nm, 2km (Wave Optics, WO-KA-MDS-002K)

Standards: IEEE 802.3, IEEE 802.3/u, IEEE 802.3/x, IEEE Standards: IEEE 802.3, IEEE 802.3/u, IEEE 802.3 802.3/ab Port #1: 10/100 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 100 Mbps SC MM TX wavelength: 1310nm RX wavelength: 1310nm Port #2 max. distance: 2km Port #2 cable type: 50/125, 62.5/125, 100/140 µm Link Fault Pass-thorugh (LFP): yes Far-End Fault (FEF): yes Max. throughput [Gbps]: 0.2 Housing: desktop

Housing: desktop
Operating temperature: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing





Net Price: 18.30 USD Unit: pcs



### #07602

Net Price: 20.70 USD Unit: pcs



Standards: IEEE 802.3/u

Max. throughput [Gbps]: 0.2 Housing: desktop Operating temperature: 0°C ÷ 50°C

Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 60km (Wave Optics, WO-KA-SDS-060K)

Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
Port #2 max. distance: 60km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Link Fault Pass-thorugh (LFP): yes
Max. throughput [Gbps]: 0.2

Operating humidity: 10% ÷ 90%, non-condensing

Media converter 10/100 Mbps RJ-45/ST, MM 1310nm, 2km (Wave Optics, WO-KA-MDT-002K)

### #07603

Net Price: 25.60 USD Unit: pcs

## Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20km (Wave Optics, WO-KA-SDS-020K)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
RX fistance: 20km
Port #2 max. distance: 20km
Port #2 rast-stonugh (LFP): yes
Max. throughput [Gbps]: 0.2

Max. throughput [Gbps]: 0.2 Housing: desktop Operating temperature: 0°C ÷ 50°C Operating humidity: 10% ÷ 90%, non-condensing

Standards: IEEE 802.3/u

Port #1: 10/100 Mbps RJ-45
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1550nm
RX wavelength: 1550nm
RX wavelength: 1550nm

Port #2 max. distance: 80km

Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 80km (Wave Optics, WO-KA-SDS-080K)

Port #2 nax. distance: own Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm Link Fault Pass-thorugh (LFP): yes Max. throughput [Gbps]: 0.2

Housing: desktop
Operating temperature: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing



Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
RX max. distance: 40km
Port #2 max. distance: 40km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 
µm
Link Fault Pass-thorugh (LFP): yes
Max. throughput [Gbps]: 0.2

Max. throughput [Gbps]: 0.2 Housing: desktop Operating temperature: 0°C + 50°C

Operating humidity: 10% ÷ 90%, non-condensing

#07618

Net Price: 18.50 USD Unit: pcs

Standards: IEEE 802.3/u

Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps ST MM
TX wavelength: 1310nm
RX wavelength: 1310nm
Rx #2 max distance: 2/km

### #07599

Net Price: 18.30 USD Unit: pcs

## #07604

Net Price: 51.20 USD Unit: pcs

#07625

Net Price:

29.30 USD

Unit: pcs



## Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 20km, WDM (Wave Optics, WO-KA-SWS-020K-B)

Standards: IEEE 802.3/u/z Port #1: 10/100 Mbps RJ-45 Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1550nm
RX wavelength: 1510nm
Port #2 max. distance: 20km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Link Fault Pass-thorugh (LFP): yes
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months

#08298

Net Price: 43.90 USD Unit: pcs

## #07653

Net Price: 23.40 USD Unit: pcs

## Media converter 100 Mbps MM/SM, 1310nm, 2/20km (Wave Optics, WO-KA-MSDS-0220K)

Standards: IEEE 802.3/u Port #1: 100 Mbps SC MM Port #1 Townsps 3C MM Port #1 max. distance: 2 km Port #1 cable type: 50/125 Port #1 TX wavelength: 1310nm Port #1 RX wavelength: 1310nm

Port #2: 100 Mbps SC SM Port #2 TX wavelength: 1310nm Port #2 RX wavelength: 1310nm Port #2 cable type: 9/125 Max. throughput [Gbps]: 0.2 Housing: desktop

Operating temperature: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing

## Media converter 1000 Mbps MM/SM, 1310nm, 2/20km (Wave Optics, WO-KB-MSDS-0220K)

Standards: IEEE 802.3/u Port #1: 1000 Mbps SC MM Port #1 Took wiles Sc will Port #1 max. distance: 2 km Port #1 cable type: 50/125 Port #1 TX wavelength: 1310nm Port #1 RX wavelength: 1310nm

Port #2: 1000 Mbps SC SM Port #2 TX wavelength: 1310nm Port #2 RX wavelength: 1310nm Port #2 max. distance: 20km Port #2 cable type: 9/125
Housing: desktop
Operating temperature: 0°C + 50°C

Operating humidity: 10% ÷ 90%, non-condensing

Port#2 max. distance: 2km Port#2 cable type: 50/125, 62.5/125, 100/140 µm Max. throughput [Gbps]: 0.2

Housing: desktop
Operating temperature: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing

## Media converter 2x10/100 Mbps RJ-45/SC, MM 1310nm, 2km (Wave Optics, WO-KA2-MDS-002K)

Standards: IEEE 802.3/u Port #1,#2: 10/100 Mbps RJ-45 Port #1,#2: 10/100 Mbps RJ-45 Port #1,#2 max. distance: 100 m Port #1,#2 cable type: UTP/STP cat. 5 Port #3: 100 Mbps SC MM TX wavelength: 1310nm RX wavelength: 1310nm Port #3 max. distance: 2km Port #3 cable type: 50/125, 62.5/125, 100/140 µm Max. throughput [Cbps]: 0.2 Housing: destron

Housing: desktop
Operating temperature: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing





Net Price: 23.40 USD Unit: pcs

# Media converter 2x10/100 Mbps RJ-45/SC, SM 1310nm, 20km (Wave Optics, WO-KA2-SDS-020K)

Standards: IEEE 802.3/u Port #1,#2: 10/100 Mbps RJ-45

Port #1,#2: 10/100 Mbps RJ-45
Port #1,#2 max. distance: 100m
Port #1,#2 cable type: UTP/STP cat. 5
Port #3: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
Port #3 max. distance: 20km
Port #3 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Max. throughput [Gbps]: 0.2
Housing: desktop
Operating temperature: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing



# Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 2 km, WDM (TP-Link TL-FC311B-2)

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX

- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode

- Adopts WDM technology, transmitting and receiving data on

one single fiber
- Extends fiber distance up to 2km

- Extends fiber distance up to 2km Standards: IEEE 802.3/i/u/ab/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Port #2 max. distance: 2 km Port #2 cable type: 9/125 µm Wave Division Multiplexing (WDM): yes Housing; desktop

Housing: desktop Dimensions: 94,5x73x27 mm Difficultistions: 9-xx7-xx2 mini
Operating temperature: 0°C ÷ 50°C
Storage Temperature: -40°C ÷ 70°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: external, 5V/0.6A
Manufacturer: TP-Link



#09099

Net Price:

22.80 USD

Unit: pcs

Net Price: 27.00 USD Unit: pcs



### #09172

Net Price: 28.50 USD Unit: pcs



## #09096

Net Price: 17.10 USD Unit: pcs

## Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20 km, WDM (TP-Link TL-FC111B-20)

- Complies with 802.3u 10/100Base-TX, 100Base-FX standards
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
   Adopts WDM technology, transmitting and receiving data on
- one single fiber
   Extends fiber distance up to 20km

- Extends fiber distance up to 20km Standards: IEEE 802.3/i/u Port #1: 10/100 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 100 Mbps SC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Port #2 max. distance: 20 km Port #2 cable type: 9/125 µm Wave Division Multiplexing (WDM): yes Housing: desktop Dimensions: 94,5x73x27 mm Operating temperature: 0°C + 50°C Operating temperature: 0°C + 50°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external, 5V/0.6A
Manufacturer: TP-Link

## Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20 km, WDM (TP-Link TL-FC311B-20)

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
   Adopts WDM technology, transmitting and receiving data on
- one single fiber
   Extends fiber distance up to 20km

- Extends fiber distance up to 20km Standards: IEEE 802.3/i/u/ab/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM TX wavelength: 1310 nm RX wavelength: 1550 nm Port #2 max. distance: 20 km Port #2 cable type: 9/125 µm Wave Division Multiplexing (WDM): yes Housing: desktop Dimensions: 94,5x73x27 mm Operating temperature: 0°C + 50°C Denterisions: 54,5X/3XZ/ mm Operating temperature: 0°C ÷ 50°C Storage Temperature: -40°C ÷ 70°C Operating humidity: 10% ÷ 90%, non-condensing Power: external, 5V/0.6A Manufacturer: TP-Link

- Wide operating temperature (0-50 °C) with reliability
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode.

Standards: IEEE 802.3/i/u Standards: IEEE 802.3/i/u
Port #1: 10/100 Mbps RJ-45 PoE
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1310 nm
RX wavelength: 1350 nm
Port #2 max. distance: 20 km
Port #2 cable type: 9/125 µm
Wave Division Multiplexing (WDM): yes
Housina: desktop



## #07617

Net Price: 18 50 USD Unit: pcs



## #07619

Net Price: 23.90 USD Unit: pcs

# Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20km, WDM (Wave Optics, WO-KA-SWS-020K-A)

WO-KA-SWS-020K-A)

Standards: IEEE 802.3/u/z
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #2: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1350nm
Port #2 max. distance: 20km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Link Fault Pass-thorugh (LFP): yes
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months

## Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 40km, WDM (Wave Optics, WO-KA-SWS-040K-A)

Standards: IEEE 802.3/u/z Standards: IEEE 802.3/u/z
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100m
Port #2: 100 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1350nm
Port #2 max. distance: 40km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Link Fault Pass-thorugh (LFP): yes
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months

#06306

Net Price: 23.60 USD Unit: pcs

## Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20 km, WDM (TP-Link MC112CS-20)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1310 nm
RX wavelength: 1550 nm
Port #2 max. distance: 20 km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Max. throughput (Gbps): 0.2

Max. throughput [Gbps]: 0.2 Housing / case type: desktop Dimensions: 94,5x73x27 mm Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Power: external, 9V/0.6A

Max Power Consumption: 1.44W Warranty period: 5 lat Manufacturer: TP-Link

# Media converter 10/100 Mbps RJ-45/SC, SM 1310nm, 20 km, WDM, PoE (TP-Link TL-FC111PB-20)

- Converts the data between fiber (optical signal) and copper (electric signal).

  - Extends fiber distance up to 20 km.
- The 802.3af PoE output makes remote camera deployment easier and more convenient.
- WDM (Wave Division Multiplexing) technology enables to transmit and receive data over one single fiber strand instead

wave Division Multiplexing (WDM): yes Housing: desktop Dimensions: 94,5x73x27 mm Operating temperature: 0°C ÷ 50°C Storage Temperature: -40°C ÷ 70°C Operating humidity: 10% ÷ 90%, non-condensing Power: 48 V/0,5 A Manufacturer: TP-Link

61/167





Net Price: 22.80 USD Unit: pcs



## #06305

Net Price: 23.60 USD Unit: pcs



### #09095

Net Price: 17.10 USD Unit: pcs

## Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 2 km, WDM (TP-Link TL-FC311A-2)

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode Adopts WDM technology, transmitting and receiving data on
- one single fiber
   Extends fiber distance up to 2km

Standards: IEEE 802.3/i/u/ab/z Standards: IEEE 802.3/i/u/ab/z
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1550 nm
RX wavelength: 1310 nm
Port #2 max. distance: 2 km
Port #2 cable type: 9/125 µm
Wave Division Multiplexing (WDM): yes
Housing: desktop Housing: desktop Dimensions: 94,5x73x27 mm

Dimensions: 9-xx73x27 mim
Operating temperature: 0°C + 50°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external, 5V/0.6A
Manufacturer: TP-Link

## Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 20 km, WDM (TP-Link MC111CS-20)

Standards: IEEE 802.3/u Standards: IEEE 802.3/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps RC SM
TX wavelength: 1550 nm
RX wavelength: 1550 nm
RX wavelength: 1310 nm
Port #2 max. distance: 20 km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Max. throughput [Gbps]: 0.2
Housing: desktop
Dimensions: 94,5x73x27 mm
Operating temperature: 0°C + 40°C Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Power: external, 9V/0.6A

## Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 20 km, WDM (TP-Link TL-FC111A-20)

- Complies with 802.3u 10/100Base-TX, 100Base-FX
- standards - Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
- Adopts WDM technology, transmitting and receiving data on
- one single fiber
   Extends fiber distance up to 20km

Standards: IEEE 802 3/i/u Standards: IEEE 802.3/i/u
Port #1: 10/100 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1550 nm
RX wavelength: 1550 nm
RX wavelength: 1310 nm
Port #2 max. distance: 20 km
Port #2 cable type: 9/125 µm
Wave Division Multiplexing (WDM): yes
Housing; desktop Housing: desktop Dimensions: 94,5x73x27 mm

Dinierisions: 9-xx7-xx7 nim
Operating temperature: 0°C + 50°C
Storage Temperature: -40°C + 70°C
Operating humidity: 10% + 90%, non-condensing
Power: external, 5V/0.6A
Manufacturer: TP-Link

### #09098

Net Price: 28.50 USD Unit: pcs



Max Power Consumption: 1.49W Warranty: 5 years Manufacturer: TP-Link

### #07620

Net Price: 23.90 USD Unit: pcs



### #07611

Net Price: 23.90 USD Unit: pcs

## Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 20 km, WDM (TP-Link TL-FC311A-20)

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
   Adopts WDM technology, transmitting and receiving data on
- one single fiber
   Extends fiber distance up to 20km

- Extends fiber distance up to 20km Standards: IEEE 802.3/i/u/ab/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM TX wavelength: 1550 nm RX wavelength: 1310 nm Port #2 max. distance: 20 km Port #2 cable type: 9/125 µm Wave Division Multiplexing (WDM): yes Housing: desktop Dimensions: 94,5x73x27 mm Operating temperature: 0°C + 50°C Operating temperature: 0°C + 50°C Storage Temperature: -40°C + 70°C Operating humidity: 10% + 90%, non-condensing Power: external, 5V/0.6A

Manufacturer: TP-Link



# Media converter 10/100 Mbps RJ-45/SC, SM 1550nm, 40km, WDM (Wave Optics, WO-KA-SWS-040K-B)

Standards: IEEE 802.3/u/z Port #1: 10/100 Mbps RJ-45 Port #1 max. distance: 100m Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 100 Mbps SC SM
TX wavelength: 1550nm
RX wavelength: 1310nm
Port #2 max. distance: 40km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Link Fault Pass-thorugh (LFP): yes
Wave Division Multiplexing (WDM): yes
Housing / case type: 4eskton Housing / case type: desktop Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, non-condensing Warranty period: 24 months

# Media converter 10/100/1000 Mbps RJ-45/SC, SM 1310nm, 10km, WDM (Wave Optics, WO-KB-SWS-010K-A)

Standards: IEEE 802.3/u/z Port #1: 10/100/1000 Mbps RJ-45 Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cash istance: 100m
Port #1 cash istance: 100m
TX wavelength: 1310nm
RX wavelength: 1310nm
RX wavelength: 1550nm
Port #2 cash istance: 10km
Port #2 cash istance: 10km
Port #2 cable type: 3/125, 8/125, 9/125, 10/125 μm
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months



## #07613

Net Price: 23.90 USD Unit: pcs



## #07615

Net Price: 29.80 USD Unit: pcs



## #07612

Net Price: 28.80 USD Unit: pcs

# Media converter 10/100/1000 Mbps RJ-45/SC, SM 1310nm, 20km, WDM (Wave Optics, WO-KB-SWS-020K-A)

Standards: IEEE 802.3i/u/z Port #1: 10/100/1000 Mbps RJ-45 Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1350nm
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months

# Media converter 10/100/1000 Mbps RJ-45/SC, SM

1310nm, 40km, WDM (Wave Optics, WO-KB-SWS-040K-A) Standards: IEEE 802.3/u/z Port #1: 10/100/1000 Mbps RJ-45

Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100m
Port #1 cable type: UTP/STP cat. 5
Port #2: 1000 Mbps SC SM
TX wavelength: 1310nm
RX wavelength: 1350nm
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% ÷ 90%, non-condensing
Warranty period: 24 months

# Media converter 10/100/1000 Mbps RJ-45/SC, SM 1550nm, 10km, WDM (Wave Optics, WO-KB-SWS-010K-B)

Standards: IEEE 802.3/u/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM Port #2: 1000 Mbps SC SM TX wavelength: 1550nm RX wavelength: 1550nm RX wavelength: 1310nm Port #2 max. distance: 10km Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm Wave Division Multiplexing (WDM): yes Housing / case type: desktop Operating temperature: 0°C + 40°C Operating humidity: 10% ÷ 90%, non-condensing Warranty period: 24 months





Net Price: 28.80 USD Unit: pcs



#07616

Net Price: 32.90 USD Unit: pcs



#07632

Net Price: 115.00 USD Unit: pcs

## Media converter 10/100/1000 Mbps RJ-45/SC, SM 1550nm, 20km, WDM (Wave Optics, WO-KB-SWS-020K-B)

Standards: IEEE 802.3/u/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM Port #2: 1000 Mbps SC SM
TX wavelength: 150nm
RX wavelength: 1510nm
Port #2 max. distance: 20km
Port #2 cable type: 8.3/125, 8.7/125, 9/125, 10/125 μm
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Warranty period: 24 months

Media converter 10/100/1000 Mbps RJ-45/SC, SM 1550nm, 40km, WDM (Wave Optics, WO-KB-SWS-040K-B)

Standards: IEEE 802.3/u/z Port #1: 10/100/1000 Mbps RJ-45 Port #1 max. distance: 100m Port #1 cable type: UTP/STP cat. 5 Port #2: 1000 Mbps SC SM TX wavelength: 1550nm RX wavelength: 1310nm

Port #2 max. distance: 40km
Port #2 able type: 8.3/125, 8.7/125, 9/125, 10/125 µm
Wave Division Multiplexing (WDM): yes
Housing / case type: desktop
Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing

Link Fault Pass-thorugh (LFP): no

Standards: IEEE 802.3/ab/z

Link Fault Pass-thorugn (LFP): no Housing / case type: desktop / slot module Dimensions: 110x95x26 mm Operating temperature: -20°C ÷ 60°C Operating humidity: 5% ÷ 90%, non-condensing Power: DC12V Certificates: FCC Class B, CE

10G media converter SFP+/SFP+ slot (Wave Optics, WO-SFP+-SFP+)

Port #1: SFP+ Port #2: SFP+

Warranty period: 2 years
Manufacturer: Wave Optics



#07629

Net Price: 26.80 USD Unit: pcs



#07628

Net Price: 16.30 USD Unit: pcs



#07621

Net Price: 18.30 USD Unit: pcs

## Gigabit media converter SFP to SFP (Wave Optics, WO-SFP-SFP)

Optics, WO-SFP-SFP)

Standards: IEEE 802.3/ab/z
Port #1: 1G SFP slot
Port #2: 1G SFP slot
Supporting: full duplex and half-duplex transmission
Transmission distance: depends on installed transceivers
Link Fault Pass-thorugh (LFP): no
Housing / case type: desktop / slot module
Dimensions: 95x70x26 mm
Operating temperature: 0°C + 70°C
Operating humidity: 5% + 90%, non-condensing
Power: DC 5V
Certificates: FCC Class B, CE
Warrantv oeriod: 2 vears

Warranty period: 2 years Manufacturer: Wave Optics

## Gigabit media converter 10/100/1000 Mbps RJ-45/SFP slot 100/1000 Mbps (Wave Optics, WO-KGA-SFP)

WO-KGA-SFP)

Standards: IEEE 802.3/ab/z
Port #1: 10/100/1000 Mbps RJ-45
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP
Port #2: SFP, supports 1G and 155M transceivers
Link Fault Pass-thorugh (LFP): no
Housing / case type: desktop / slot module
Dimensions: 94.5x73x27 mm
Operating temperature: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Power: 5V DC 1A

Power: 5V DC 1A Certificates: FCC Class B, CE Warranty period: 2 years Manufacturer: Wave Optics

## Media converter 10/100 Mbps RJ-45/SFP slot 100 Mbps (Wave Optics, WO-KF-SFP)

Standards: IEEE 802.3/ab/z Port #1: 10/100 Mbps RJ-45 Port #1 max. distance: 100 m Port #1 cable type: UTP/STP Port #2: SFP Fort #2. SFP Link Fault Pass-thorugh (LFP): no Housing / case type: desktop / slot module Operating temperature: 0°C ÷ 40°C Operating humidity: 10% + 90%, non-condensing Certificates: FCC Class B, CE Warranty period: 2 years Manufacturer: Wave Optics



## #06425

Net Price: 16.10 USD Unit: pcs



## #07643

Net Price: 117.00 USD Unit: pcs



#07623

Net Price: 128.00 USD Unit: pcs

## Gigabit media converter 10/100/1000 Mbps RJ-45/SFP slot 1000 Mbps (TP-Link MC220L)

Standards: IEEE 802.3/ab/z/i/u
Port #1: 10/100/1000 Mbps RJ-45 (Auto MDI/MDIX)
Port #1 max. distance: 100 m
Port #1 cable type: UTP/STP
Port #2: SFP Link Fault Pass-thorugh (LFP): no Housing / case type: desktop / slot module Dimensions: 94.5x73x27 mm Operating temperature: 0°C ÷ 40°C
Operating humidity: 10% ÷ 90%, non-condensing Power: 9V/0.6A

Max Power Consumption: 1.7W Certificates: FCC Class B, CE Warranty period: 5 years Manufacturer: TP-Link

## 10G media converter RJ-45/SFP+ (Wave Optics, WO-K10G-SFP+)

Standards: 1000Base-T, 2.5GBase-T, 5Gbase-T, 10Gbase-T 1000Base-X, 2500Base-X, 5GBase-R, 10GBase-R Port #1: 10G/5G/2.5G/1Gbps RJ-45 Port #1 100 m (1000Mbps), 50m (2.5G), 50m (5G), 50m

Port #1 cable type: UTP/STP Port #2: SFP+

Port #2: SFF+ Housing / Case type: desktop / slot module Operating temperature: 0°C ÷ 55°C Operating humoity: 5% ÷ 80%, non-condensing

Power: 12V DC Certificates: FCC Class B, CE Warranty period: 2 years Manufacturer: Wave Optics

### 14 slots rack-mount chassis for unmanaged media converters (Wave Optics, WO-KR-14)

media converters (Wave Optics, WO-KR-14)
Capacity: 14 media converters
AC Power Supply: Input 100-240V~50/60Hz 3.0A(Max),
Output +9.5VDC 9.5A(Max)
Operating Temperature: 0°C~40°C
Storage Temperature: -40°C~70°C
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Weight: 6kg
Dimensions: 482x358x86 mm
Certificates: FCC Class A & CE Mark
Manufacturer: Wave Optics



## #06986

Net Price: 157.00 USD Unit: pcs



## #06985

Net Price: 178.00 USD Unit: pcs

### Rack chassis for media converter, 14-port (TP-LINK TL-FC1420)

Capacity: 14 media converters
AC Power Supply: Input 100-240V~50/60Hz 3.0A(Max),
Output 14× 5VDC/0.6A
Operating Temperature: 0°C~50°C
Storage Temperature: -40°C~70°C
Operating Humidity: 10%—90% non-condensing
Storage Humidity: 5%—90% non-condensing
Dimensions: 482x309x86 mm (19.0\*12.2\*3.4 in)

## Rack chassis for media converter, 14-port (TP-LINK TL-MC1400)

Capacity: 14 media converters Capacity: 14 media converters
AC Power Supply: Input 100-240V~50/60Hz 3.0A(Max),
Output +9.5VDC 9.5A(Max), optional redundant power supply
Operating Temperature: 0°C~40°C
Storage Temperature: -40°C~70°C
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
Weight 186

Weight: 8kg Dimensions: 482x358x86 mm Certificates: FCC Class A & CE Mark

Warranty: 5 years



GPON / EPON



Net Price: 20 10 USD Unit: pcs



### #09228

Net Price: 1 860.00 USD Unit: pcs



### #09229

Net Price: 2 470.00 USD Unit: pcs

### GPON Terminal, 1-Port Gigabit (TP-Link XZ000-G3)

- Quality of Service-Quality of Service control for transaction prioritization and bandwidth management
  - Durability-Intelligent power-saving method
- Easy Remote Management-TR-069 protocol enables an operator to remotely configure and manage end-user devices
- Full Gigabit Port-Fiber access and gigabit port provide incredibly fast transfer speeds

HARDWARE FEATURES:

HARDWARE FEATURES: Standards and Protocols:IEEE 802.3, 802.3u, 802.1Q, 802.1p Interface: 1x10/100/1000Mbps RJ45, 1 SC/APC Port Button: 1 RESET Button External Power Supply:9VDC / 0.6A Dimensions (W X D X H):3.7 x 3.0 x 1.2 in. (95.0 x 75.0 x

29.3 mm) Distance: 0~ 20Km

Signal Rate: Upstream 1.244Gbps, Downstream 2.488Gbps GPON Standards: ITU-T G.984.1, G.984.2, G.984.3, G.984.4 Optical Module: Class B+

Receiver: Super-TIA Transmitter: DFB Laser Wavelength: Upstream 1310nm, Downstream 1490nm SOFTWARE FEATURES:

SOFTWARE FEATURES:
Quality of Service: Service Flow Classification based on
VLAN, Schedule rules Support SP/WRR, Upstream Priority
Label Support 802.1D User Priority, Rate Limit and Traffic
shaping, Congestion Control Support Tail-Drop
VLAN: 802.1Q tag VLAN, VLAN transparent mode/VLAN
translation mode/VLAN trunk mode, Authentication based on

translation mode/VLAN trunk mode, Äuthentication based on SN and Password, VLAN Auto Detect Security: AES Encryption, Packet Filter based on VLAN Management: Managed by Web, OMCI and Telnet, Specified the management IP, Reset to Factory default by Reset button or Web UI, Real-time statistics, Optical Diagnostic Advanced Features: Upstream and Downstream FEC, Dynamic Bandwidth Allocation(DBA) support NSR/SR, Up to 16 T-CONTs and 256 GEM Ports, Optical power detection, Dying Gasp, Terminal Silent mechanism, 802.3az EEE Energy Conservation IGMP: IGMP v1/v2/v3 OTHERS: Certification:CE, FCC, RoHS

Certification:CE. FCC. RoHS

Certification:CE, FCC, RoHS Package Contents:XZ000-G3, RJ-45 Ethernet Cable, Power Adapter, Quick Installation Guide System Requirements:Windows 8/7/Vista/XP or Mac OS or Linux-based operating system. Environment:Operating Temperature 0°~40° (32°~104°), Storage Temperature 40°~70° (40°~158°), Operating Humidity 10%–90% non-condensing, Storage Humidity 5%–90% non-condensing Warranty:2 years limited warranty. Advanced replacement service is available.

service is available. Manufacturer: TP-Link

### GPON Terminal, 4-Ports 2.5G (TP-Link DS-P7001-04)

- 8 GPON Ports: Supports 1:128 splitting ratio for every
- port-up to 1024 ONTs by one device.
   High-Speed Uplink Ports: Provides 2× 10GE SFP+ ports
- and 1× gigabit uplink port.
   Redundant Dual Power Supplies: Carrier-class reliability
- with dual hot-swapping AC+DC power supplies.
   Complete L2 & Advanced L3 Functions: Satisfies the need for numerous commercial requirements.
- Centralized Management: Via DeltaStream PON Management System (DPMS), SNMP, CLI, and WEB UI. - Advanced L2/L2+ Functions: Static Routing, IGMP Snooping, and more meet the requirement for different

HARDWARE FEATURES: Interface: 4× 2.5G PON Ports, 1× 10 Gbps SFP+ Uplink Port, 1× 10/100/1000 Mbps RJ45 Uplink Port, 1× RJ45 Console Port, 1× RJ45 MGMT Port, 1× Alarm Port (Reserved) Button: 1 RESET Button

Power Supply: Dual Power Supplies, AC 100V~240V, 50/60Hz, DC -38.4V~-72V Power Consumption: Max. 58W

Dimensions (W X D X H):17.3 × 7.1 × 1.7 in. (440 × 180× 44

Distance: 0~ 20Km

urstatrice: U~ ZUKM Data rate: Downstream 2.5 Gbps, Upstream 1.25 Gbps Wavelength: Tx 1490 nm, Rx 1310 nm Interface type: SC/UPC Fiber type: 9/125µm SMF (Single Mode Fiber) GPON Standards: ITU-T G.984.1, G.984.2, G.984.3, G.984.4 Optical Module: Class B+ Receiver: Super-TIA

Receiver: Super-TIA Transmitter: DFB Laser Wavelength: Upstream 1310nm, Downstream 1490nm SOFTWARE FEATURES:

SOFTWARE FEATURES:
Quality of Service: Service Flow Classification based on
VLAN, Schedule rules Support SP/WRR, Upstream Priority
Label Support 802.1D User Priority, Rate Limit and Traffic
shaping, Congestion Control Support Tail-Drop
VLAN: 802.1Q tag VLAN, VLAN transparent mode/VLAN
translation mode/VLAN trunk mode, Authentication based on

translation mode/VLAN trunk mode, Authentication based on SN and Password, VLAN Auto Detect Security: AES Encryption, Packet Filter based on VLAN Management: Managed by Web, OMCI and Telnet, Specified the management IP, Reset to Factory default by Reset button or Web UI, Real-time statistics, Optical Diagnostic Advanced Features: Upstream and Downstream FEC, Dynamic Bandwidth Allocation(DBA) support NSR/SR, Up to 16 T-CONTs and 256 GEM Ports, Optical power detection, Dying Gasp, Terminal Silent mechanism, 802.3az EEE Energy Conservation IGMP: IGMP v1/v2/v3 OTHERS:

Certification:CE. FCC

Certification: CE, FCC Environment: Percentage Temperature 0°~50° (32°~122°), Storage Temperature -40°~70° (-40°~158°), Operating Humidity 10%-90% non-condensing, Storage Humidity 5%-90% non-condensing Manufacturer: TP-Link

### GPON Terminal, 8-Ports 2.5G (TP-Link DS-P7001-08)

- 8 GPON Ports: Supports 1:128 splitting ratio for every port-up to 1024 ONTs by one device. - High-Speed Uplink Ports: Provides 2× 10GE SFP+ ports
- and 1× gigabit uplink port. Redundant Dual Power Supplies: Carrier-class reliability
- with dual hot-swapping AC+DC power supplies.
   Complete L2 & Advanced L3 Functions: Satisfies the need
- for numerous commercial requirements.
- Centralized Management: Via DeltaStream PON Management System (DPMS), SNMP, CLI, and WEB UI.
   Advanced L2/L2+ Functions: Static Routing, IGMP Snooping, and more meet the requirement for different applications.

HARDWARE FEATURES: Interface: 8× 2.5G PON Ports, 2× 10 Gbps SFP+ Uplink Port, 1× 10/100/1000 Mbps RJ45 Uplink Port, 1× RJ45 Console Port, 1× RJ45 MGMT Port, 1× Alarm Port (Reserved) Button: 1 RESET Button

Power Supply: Dual Power Supplies, AC 100V~240V, 50/60Hz, DC -38.4V~-72V Power Consumption: Max. 70W Dimensions (W X D X H):17.3 × 10.2 × 1.7 in. (440 × 260× 44 mm)
Distance: 0~ 20Km

Distallice: U∼ ZUKM Data rate: Downstream 2.5 Gbps, Upstream 1.25 Gbps Wavelength: Tx 1490 nm, Rx 1310 nm Interface type: SC/UPC Fiber type: 9/125µm SMF (Single Mode Fiber) GPON Standards: ITU-T G.984.1, G.984.2, G.984.3, G.984.4 Optical Module: Class B+ Receiver: Super-TIA

Receiver: Super-TIA Transmitter: DFB Laser Wavelength: Upstream 1310nm, Downstream 1490nm SOFTWARE FEATURES:

SOF IWARE FEATURES:
Quality of Service: Service Flow Classification based on
VLAN, Schedule rules Support SP/WRR, Upstream Priority
Label Support 802.1D User Priority, Rate Limit and Traffic
shaping, Congestion Control Support Tail-Drop
VLAN: 802.1Q tag VLAN, VLAN transparent mode/VLAN
translation mode/VLAN trunk mode, Authentication based on

transiation mode/VLAN trunk mode, Authentication based on SN and Password, VLAN Auto Detect Security: AES Encryption, Packet Filter based on VLAN Management: Managed by Web, OMCI and Telnet,, Specified the management IP, Reset to Factory default by Reset button or Web UI, Real-time statistics, Optical Diagnostic Advanced Features: Upstream and Downstream FEC,

Dynamic Bandwidth Allocation(DBA) support NSR/SR, Up to 16 T-CONTs and 256 GEM Ports, Optical power detection, Dying Gasp, Terminal Silent mechanism, 802.3az EEE

Energy Conservation IGMP: IGMP v1/v2/v3 OTHERS:

Certification:CF\_FCC

Certification: CE, FCL Environment: Percentage Temperature 0°~50° (32°~122°), Storage Temperature -40°~70° (-40°~158°), Operating Humidity 10%–90% non-condensing, Storage Humidity 5%–90% non-condensing Manufacturer: TP-Link

## #04694

Net Price: 44.20 USD Unit: pcs



## #04695

Net Price: 67.50 USD Unit: pcs

## UFiber loco GPON, 1-Port Gigabit (Ubiquiti UF-LOCO)

Processor Specs: MIPS32, 240 MHz Memory Information: 128 MB DDR3 Buttons: 1\*Reset

Networking Interfaces: 1\*SC/APC, GPON WAN, 1\*Gigabit RJ45, Ethernet LAN Networking Interface Speeds

GPON WAN, ITU G.984: 2.488 Gbps Downstream, 1.244 Gbps Upstream GbE LAN: 10/100/1000 Mbps

Management Interface: In-Band Ethernet/PON Normal Optical Power Range: TX (Class B+) 1.5 to 5 dBm, RX -28 to -8 dBm Power Method: Micro-USB 5V, 1A, 24V Passive PoE (Pins +4, 5; -7, 8)
Power Supply: Micro-USB Power Adapter 5V, 1A

Power Suppiy: Micro-USB Power Adapter 5V, 1A Max. Power Consumption: 3.5W Supported Voltage Range: 4.7 to 5.3V Supported Voltage Range: 5.7 to 5.7 to 5.7 to 5.

### UFiber Nano G GPON, 1-Port Gigabit (Ubiquiti UF-Nano)

Processor Specs: MIPS32, 240 MHz Memory Information: 128 MB DDR3 Buttons: 1\*Reset, 1\*Display Information Networking Interfaces: 1\*SC/APC, GPON WAN, 1\*Gigabit RJ45, Ethernet LAN RJ45, Ethernet LAN Networking Interface Speeds GPON WAN, ITU G.984: 2.488 Gbps Downstream, 1.244 Gbps Upstream GbE LAN: 10/100/1000 Mbps Management Interface: In-Band Ethernet/PON Normal Optical Power Range: TX (Class B+) 1.5 to 5 dBm, RX -28 to -8 dBm Power Method: 24V Passive PoE (Pins +4, 5; -7, 8), Dying Power Method: 24V Passive PoE (Pins +4, 5; -7, 8 Gasp Support Power Supply: PoE Adapter 24V, 0.3A (Included) Max. Power Consumption: 7W Supported Voltage Range: 20 to 28V Dimensions: 77 x 77 x 28 mm (3.03 x 3.03 x 1.1") Weight: 110 g (3.88 oz) Temperature Operation: -10 + 45°C Operating Humidity: 5 to 95% Noncondensing Certifications: CE, FCC, IC



VolP



### #05989

Net Price: 352 00 USD Unit: pcs



### #05994

Net Price: 1 240.00 USD Unit: pcs



#05990

Net Price: 478 00 USD Unit: pcs

### VoIP IP PBX, 2xFXO, 2xFXS (Grandstream UCM6202)

Designed to provide a centralized solution for the communication needs of businesses, the UCM6200 series IP

appliance combines enterprise-grade voice, video, data, and mobility features in an easy-to-manage solution. This IP PBX series allows businesses to unify multiple communication technologies, such as voice, video calling

conferencing, video surveillance, data tools, mobility options and facility access management onto one common network that can be managed and/or accessed remotely. The secure and reliable UCM6200 series delivers enterprisegrade features without any licensing fees, costs-per-feature or recurring fees.

Analog Telephone FXS Ports: 2 ports (both with lifeline

Analog Telephone FXS Ports: 2 ports (both with lifeline capability in case of power outage)
PSTN Line FXO Ports: 2 ports (UCM6202)
Network Interfaces: Dual Gigabit RJ45 ports with integrated PoE Plus (IEEE 802.3at-2009)
NAT Router: Yes (supports router mode and switch mode)
Peripheral Ports: USB, SD

LED Indicators: Power/Ready, Network, PSTN Line, USB, SD LCD Display: 128x32 graphic LCD with DOWN & OK button Voice-over-Packet Capabilities: LEC with NLP Packetized Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo Cancellation,Dynamic Jitter Buffer, Modem detection & auto-switch to G.711

Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, GSM, AAL2-G.726-32, ADPCM: T.38

ADPCM; 1.38
Video Codecs: H.264, H.263, H263+
QoS: Layer 3 QoS, Layer 2 QoS
DTMF Methods: In Audio, RFC2833, and SIP INFO
Provisioning Protocol & Plug-and-Play: TFTP/HTTP/HTTPS,
auto-discovery & auto-provisioning of Grandstream IP
endpoints via ZeroConfig (DHCP Option 66 multicast SIP SUBSCRIBE mDNS), eventlist between local and remote

Network Protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPOE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods: Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Media Encryption: SRTP, TLS, HTTPS, SSH Caller ID: Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 237, PT

Polarity Reversal/Wink: Yes, with enable/disable option upon call establishment and termination
Call Center: Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/busy level, in-queue announcement

Customizable Auto Attendant: Up to 5 layers of IVR

227 - BT

(Interactive Voice Response)

Maximum Call Capacity: -Registered SIP devices- supports up to 500 registered SIP devices/users, -Concurrent SIP calls- Up to 50 (UCM6202), or 66% performance if calls are SRTP encrypted

SRTP encryptes Conference Bridges: Up to 3, password-protected conference bridges allowing up to 25 simultaneous PSTN or IP participants Call Features: Call park, call forward, call transfer, DND,

Call Features: Call park, call forward, call transfer, DND, ring/hunt group, paging/intercom etc. Mounting: Wall mount & Desktop Power: Output 12VDC, 1.5A; Input 100 ~ 240VAC, 50 ~ 60Hz Weight: Unit weight 0.51kg, Package weight 0.94kg Environmental: Operating 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90% (non-condensing); Storage 14 ~ 140°F / -10 ~ 60°C Dimensions: 226mm L x 155mm W x 34.5mm H Certificates: FCC Part 15 (CFR 47) Class B, Part 68, CE EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, ROHS, A-TICK AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002, ITU-T K.21 (Basic Level), UL 60950 (power adapter) Manufacturer: Grandstream Manufacturer: Grandstream

## VoIP IP PBX, 2xFXO, 2xFXS, T1/E1/J1 (Grandstream UCM6510)

The UCM6510 IP PBX appliance is designed to bring leading edge voice, video, data, and mobility features to enterprises, small and medium businesses, retail and residential environments in an easy-to-manage fashion. This enterprise-grade on premise IP PBX supports E1, T1 and J1 networks and offers scalability by supporting up to 2000 users. The UCM6510 sports a 1GHz quad-core Cortex A9 processor, 1GB RAM and 32GB flash. This secure and

IP PBX delivers unified communication features at an unprecedented price point without any licensing fees, costs-perfeature, or recurring fees

Analog Telephone FXS Ports: 2x RJ11 ports (both with lifeline capability in case of power outage)
PSTN Line FXO Ports: 2x RJ11 ports (both with lifeline

capability in case of power outage)
T1/E1/J1 Interface: 1x RJ45 port
Network Interfaces: Dual Gigabit ports (switched or routed) with PoE+

with POE+
NAT Router: Yes (supports router mode and switch mode)
Peripheral Ports: USB, SD
LED Indicators: Power 1/2, PoE, USB, SD, T1/E1/J1, FXS
1/2, FXO 1/2, LAN, WAN
LCD Display: 128x32 graphic LCD with DOWN & OK button
Voice-over-Packet Capabilities: LEC with NLP Packetized
Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo
Cancellation,Dynamic Jitter Buffer, Modem detection &
auto-switch to G.711
Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1

Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, GSM, AAL2-G.726-32, ADPCM; T.38

Video Codecs: H.264, H.263, H263+

Video Codecs: H.264, H.263, H263+
QoS: Layer 3 QoS, Layer 2 QoS
DTMF Methods: In Audio, RFC2833, and SIP INFO
Digital Signaling: TPRI, SS7, MFC/R2, RBS (pending)
Provisioning Protocol & Plug-and-Play. TFTP/HTTP/HTTPS,
auto-discovery & auto-provisioning of Grandstream IP
endpoints via ZeroConfig (DHCP Option 66 multicast SIP
SUBSCRIBE mDNS), eventlist between local and remote

Network Protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, Network Protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DNNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPOE, SIP (RFC3261), STUN, SRTP, TLS, LDAP, HDLC, HDLC-ETH, PPP, Frame Relay (pending) Disconnect Methods: Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Media Encryption: SRTP, TLS, HTTPS, SSH Advanced Defense: Fail2ban, alert events, Whitelist, Blacklist, strong password based access control Caller ID: Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 - RT

Polarity Reversal/Wink: Yes, with enable/disable option upon call establishment and termination

Call Center: Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement

Customizable Auto Attendant: Up to 5 layers of IVR

Customizable Auto Attendant: Up to 5 layers of IVR (Interactive Voice Response)
Maximum Call Capacity: Up to 2000 registered SIP endpoints, up to 200 concurrent calls
Conference Bridges: Up to 8 bridges, up to 64 simultaneous

conference attendees

conference attendees
Call Features: Call park, call forward, call transfer, DND,
DISA, ring group, pickup group, blacklist, paging/intercom etc.
Mounting: Rack mount & Desktop
Power: Input 100 ~ 240VAC, 50/60Hz; Output DC+12V, 1.5A
Weight: Unit Weight 2.165 kg, Package Weight 3.012 kg
Environmental: Operating 32 ~ 113°F / 0 ~ 45°C, 10 ~ 90%
(non-condensing); Storage 14 ~ 140°F / -10 ~ 60°C
Dimensions: 440mm L x 185mm W x 44mm H
Certificates: FCC- Part 15 (CFR 47) Class B, Part 68, CEEN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3,
EN60950-1, TBR21, RoHS, RCM- AS/NZS CISPR 22,
AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002, ITU-T
K.21 (Basic Level), UL 60950 (power adapter), T1- TIA-968-B
Section 5.2.4, E1- TBR4/TBR12/TBR13, E1- AS/ACIF
Manufacturer: Grandstream

### VoIP IP PBX, 4xFXO, 2xFXS (Grandstream UCM6204)

Designed to provide a centralized solution for the communication needs of businesses, the UCM6200 series IP

appliance combines enterprise-grade voice, video, data, and mobility features in an easy-to-manage solution. This IP PBX series allows businesses to unify multiple communication technologies, such as voice, video calling,

conferencing, video surveillance, data tools, mobility options and facility access management onto one common network that can be managed and/or accessed remotely. The secure and reliable UCM6200 series delivers enterprisegrade features without any licensing fees, costs-per-feature or recurring fees.

Analog Telephone FXS Ports: 2 ports (both with lifeline capability in case of power outage)
PSTN Line FXO Ports: 4 ports
Network Interfaces: Dual Gigabit RJ45 ports with integrated
PoE Plus (IEEE 802.3at-2009)
NAT Router: Yes (supports router mode and switch mode)
Peripheral Ports: USB, SD

LED Indicators: Power/Ready, Network, PSTN Line, USB, SD LCD Display: 128x32 graphic LCD with DOWN & OK button Voice-over-Packet Capabilities: LEC with NLP Packetized Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo Cancellation,Dynamic Jitter Buffer, Modem detection & auto-switch to G.711

Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, GSM, AAL2-G.726-32, ADPCM; T.38

ADPCM; 1.38
Video Codecs: H.264, H.263, H263+
QoS: Layer 3 QoS, Layer 2 QoS
DTMF Methods: In Audio, RFC2833, and SIP INFO
Provisioning Protocol & Plug-and-Play: TFTP/HTTP/HTTPS,
auto-discovery & auto-provisioning of Grandstream IP
endpoints via ZeroConfig (DHCP Option 66 multicast SIP SUBSCRIBE mDNS), eventlist between local and remote

NUBSURIDE HIDRAS), evenius between local and critical trunk
Network Protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP,
DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS,
PPPOE, SIP (RFC3261), STUN, SRTP, TLS, LDAP
Disconnect Methods: Call Progress Tone, Polarity Reversal,
Last Flack Tissian Local Curront Disconnect Busy Tone Hook Flash Timing, Loop Current Disconnect, Busy Tone Media Encryption: SRTP, TLS, HTTPS, SSH Caller ID: Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 - BT

22/ - BI
Polarity Reversal/Wink: Yes, with enable/disable option upon
call establishment and termination
Call Center: Multiple configurable call queues, automatic call
distribution (ACD) based on agent skills/availability/busy level,
in-queue announcement

Customizable Auto Attendant: Up to 5 lavers of IVR

Customizable Auto Attendant: Up to 5 layers of IVR (Interactive Voice Response)
Maximum Call Capacity: Registered SIP devices- supports up to 500 registered SIP devices/users, -Concurrent SIP calls- Up to 75 (UCM6204), or 66% performance if calls are SRTP encrypted

Conference Bridges: Up to 3, password-protected conference bridges allowing up to 25 simultaneous PSTN or IP participants Call Features: Call park, call forward, call transfer, DND,

Call Features: Call park, call forward, call transfer, DND, ring/hunt group, paging/intercom etc. Mounting: Wall mount & Desktop Power: Output 12VDC, 1.5A; Input 100 ~ 240VAC, 50 ~ 60Hz Weight: Unit weight 0.51kg, Package weight 0.94kg Environmental: Operating 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90% (non-condensing); Storage 14 ~ 140°F / -10 ~ 60°C Dimensions: 226mm L x 155mm W x 34.5mm H Certificates: FCC Part 15 (CFR 47) Class B, Part 68, CE EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN6950-1, TBR21, RoHS, A-TICK AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002, ITU-T K.21 (Basic Level), UL 60950 (power adapter) Manufacturer: Grandstream

Manufacturer: Grandstream





Net Price: 799.00 USD Unit: pcs



### #05995

Net Price: 287.00 USD Unit: pcs



#06021

Net Price: 719.00 USD Unit: pcs

## VoIP IP PBX, 8xFXO, 2xFXS (Grandstream UCM6208)

Designed to provide a centralized solution for the communication needs of businesses, the UCM6200 series IP PBX

appliance combines enterprise-grade voice, video, data, and mobility features in an easy-to-manage solution. This IP PBX series allows businesses to unify multiple communication technologies, such as voice, video calling video

conferencing, video surveillance, data tools, mobility options and facility access management onto one common network that can be managed and/or accessed remotely. The secure and reliable UCM6200 series delivers enterprisegrade features without any licensing fees, costs-per-feature or recurring fees

Analog Telephone FXS Ports: 2 ports (both with lifeline

capability in case of power outage)
PSTN Line FXO Ports: 8 ports
Network Interfaces: Dual Gigabit RJ45 ports with integrated
PoE Plus (IEEE 802.3at-2009)

PoE Plus (IEEE 802.3at-2009)
NAT Router: Yes (supports router mode and switch mode)
Peripheral Ports: USB, SD
LED Indicators: Power/Ready, Network, PSTN Line, USB, SD
LED Insplay: 128x32 graphic LCD with DOWN & OK button
Voice-over-Packet Capabilities: LEC with NLP Packetized
Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo
Cancellation, Dynamic Jitter Buffer, Modem detection &
auto-switch to G.711
Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1
5.3K/6.3K, G.726, G.729A/B, ILBC, GSM, AAL2-G.726-32,
ADPCM; T.38
Video Codecs: H.264, H.263, H263+

Video Codecs: H.264, H.263, H263+

VIdeo Codecs: n.zo4, n.zo5, nzzo5.

QoS: Layer 3 QoS, Layer 2 QoS

DTMF Methods: In Audio, RFC2833, and SIP INFO

Provisioning Protocol & Plug-and-Play: TFTP/HTTP/HTTPS,
auto-discovery & auto-provisioning of Grandstream IP
endpoints via ZeroConfig (DHCP Option 66 multicast SIP
SUBSCRIBE mDNS), eventlist between local and remote

Network Protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP (RFC3261), STUN, SRTP, TLS, LDAP Disconnect Methods: Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone Media Encryption: SRTP, TLS, HTTPS, SSH Caller ID: Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 - BT

Polarity Reversal/Wink: Yes, with enable/disable option upon

call establishment and termination
Call Center: Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/busy level, in-queue announcement

in-queue announcement Customizable Auto Attendant: Up to 5 layers of IVR (Interactive Voice Response) Maximum Call Capacity: -Registered SIP devices- supports up to 800 registered SIP devices/users, -Concurrent SIP calls- Up to 100 (UCM6204), or 66% performance if calls are

SRTP encrypted
Conference Bridges: Up to 6, password-protected conference
bridges allowing up to 32 simultaneous PSTN or IP

bridges allowing up to 32 simultaneous PSTN or IP participants
Call Features: Call park, call forward, call transfer, DND, ring/hunt group, paging/intercom etc.
Mounting: Rack mount & Desktop
Power: Output 12VDC, 1.5A; Input 100 ~ 240VAC, 50 ~ 60Hz
Weight: Unit weight 2.23kg, Package weight 3.09kg
Environmental: Operating 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90%
(non-condensing); Storage 14 ~ 140°F / -10 ~ 60°C
Dimensions: 440mm L x 185mm W x 44mm H
Certificates: FCC Part 15 (CFR 47) Class B, Part 68, CE
EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHRS, A-TICK AS/NZS CISPR 22 Class
B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002, ITU-T
K.21 (Basic Level), UL 60950 (power adapter)
Manufacturer: Grandstream

### Automated failover solution for the UCM6510 (Grandstream HA100)

The HA100 offers an automated failurer solution for the UCM6510 IP PBX. When connecting between two UCM6510, the HA100 constantly monitors the operation status of both UCM6510 and automatically switches the system control (including all of the connected telecom lines, network links, auxiliary devices, and all of the SIP endpoints previously registered on the primary UCM6510) to the hot-standby secondary UCM6510 in the event that the primary UCM6510 fails. It can complete the entire system switch between 10 and 50 seconds depending on the number of registered SIP endpoints. Thanks to its smart monitoring and automated failover capability, the HA100 is an ideal high-availability solution for the UCM6510 to ensure maximum total system reliability and uptime.

Analog Telephone FXS Ports: 2 ports PSTN Line FXO Ports: 2 ports T1/E1 Interface: 1 port Network Interfaces: 1 LAN/ 1WAN RS-485: 2 (1 for Primary UCM6510 and 1 for Secondary UCM6510) Reset Switch: Yes Universal Power Supply: DC Power Port Manufacturer: Grandstream

## VoIP gateway 1xE1/T1 (Grandstream GXW4501)

The GXW4500 series are E1/T1 Digital VoIP Gateways that allow digital PSTN and ISDN trunks to be integrated with VoIP networks. By connecting the GXW4500 series with a VoIP network and a traditional PBX or E1/ T1 provider, businesses can drastically increase the amount of PSTN/ISDN trunks integrated with their VoIP network. The GXW4500 series offers three models that provide 1, 2 or 4 E1/T1/J1 spans and support 30, 60 or 120 concurrent calls to cater to the VoIP needs of large and medium sized

EITHINISES.

EITHI Ports: 2x 10/100/1000 Mbps RJ-45, 2x USB 3.0, 1x SD card

LCD Display: 128x32 dot matrix graphic LCD with DOWN and

OK buttons
Fax over IP: T.38 compliant Group 3 Fax Relay up to Hax over IP: 1.36 contipliant Group's 7 ax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Passthrough, Fax data pump V.17, V.21, V.27ter, V.29 for T.38 fax relay QoS features: Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS DTMF: In-band audio, RFC2833, and SIP INFO Device Management: Syslog, HTTPS, Web browser, voice prompt, TR-069 management, backup and restore, port

profile, 174-05 management, backet and 1655-5, per-capture and packet capture Power: Input- 100 ~ 240VAC, 50/60Hz; Output- DC+12V, 2A Operating temperatures: 0°C+ 45°C

Operating humidity: 10% ÷ 90%, non-condensing Dimensions: 485mm(L) x 191mm(W) x 46.2mm (H) Mounting: Rack mount & Desktop Certificates: CE, FCC Warranty: 24 months

Manufacturer: Grandstream





Net Price: 1 210.00 USD Unit: pcs

## VoIP gateway 2xE1/T1 (Grandstream GXW4502)

The GXW4500 series are E1/T1 Digital VoIP Gateways that allow digital PSTN and ISDN trunks to be integrated with VoIP networks. By connecting the GXW4500 series with a VoIP network and a traditional PBX or E1/T1 provider, businesses can drastically increase the amount of PSTN/ISDN trunks integrated with their VoIP network. The GXW4500 series offers three models that provide 1, 2 or 4 E1/T1/J1 spans and support 30, 60 or 120 concurrent calls to cater to the VoIP needs of large and medium sized enterprises

EITHIPINESS. 2 RJ45 ports, supporting up to 60 simultaneous VoIP calls Network protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, STUN,SRTP, TLS, LDAP, PPP, Frame Relay (pending), IPv6, Open/VPN Codess: G, 711 A-law/U-law, G.722, G, 723.1 5.3K/6.3K, G.726, G, 729A/B, iLBC, AAL2-G, 726-32

Ports: 2x 10/100/1000 Mbps RJ-45, 2x USB 3.0, 1x SD card

LCD Display: 128x32 dot matrix graphic LCD with DOWN and OK buttons
Fax over IP: T.38 compliant Group 3 Fax Relay up to

Fax over IP: 1.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Passthrough, Fax data pump V.17, V.21, V.27ter, V.29 for T.38 fax relay QoS features: Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS DTMF: In-band audio, RFC2833, and SIP INFO Device Management: Syslog, HTTPS, Web browser, voice prompt, TR-069 management, backup and restore, port capture and packet rabbure.

prompt, TR-U69 management, backup and restore, port capture and packet capture Power: Input- 100 ~ 240VAC, 50/60Hz; Output- DC+12V, 2A Operating temperatures: 0°C + 45°C Operating humidity: 10% + 90%, non-condensing Dimensions: 485mm(L) x 191mm(W) x 46.2mm (H) Mounting: Rack mount & Desktop

Certificates: CE, FCC Warranty: 24 months Manufacturer: Grandstream

#05760

Net Price: 100.00 USD Unit: pcs

## VoIP gateway, 4xFXS (Edge-corE VG3306)

Protocols: SIP (RFC3261)
Voice codec: G.711, G.723, G.729A/B
Ports: 1x 10/100 Mbps RJ-45 (LAN), 1x 10/100 Mbps RJ-45 (WAN), 1x RJ-45 (CDR)
FXS interface: 2 wires, Loop Start
FXS feeding voltage: 20 V
FXS feeding current: 30 mA
FXO interface: 2 wires, Loop Start
Operational modes: SIP Proxy client, Peer-to-Peer
Tone: DTMF relay
Exp support: T38

Torte: DTMF relay
Fax support: T38
Voice quality: VAD, CNG, G.165/G.168 (echo cancelation) 16
ms, adaptative Jitter buffer
Gain control: +/- 6 dB
Call features: speed dial, SIP call forward, inbound transit call, call park, E.164 dial plan,

call, outbound transit call, call park, E.164 dial plan, authentication, Hunting Group Work with IP-PBX: yes STUN support: yes Biling system cooperation: CDR records on separate port Addressing: DHCP, static IP Management: console, WWW, phone set Dimensions: 172x117x35 mm Operational temperature: 0°C + 50°C Power: 5V DC 1,5Å; ~230V AC 50Hz Warranty period: 1 year Manufacturer: Edge-corE



### #05759

Net Price: 75.00 USD Unit: pcs

## VoIP gateway, 4xFXO, trunking (Edge-corE VG3306C)

Protocols: SIP (RFC3261) Protocois: SIP (RFC32b1)
Voice codes: G.711, G.723, G.729A/B
Ports: 1x 10/100 Mbps RJ-45 (LAN), 1x 10/100 Mbps RJ-45 (WAN), 1x RJ-45 (CDR)
FXO interface: 2 wires, Loop Start
Operational modes: SIP Proxy client, Peer-to-Peer Tone: DTMF relay Tone: DTMF relay
Fax support: T38
Voice quality: VAD, CNG, G.165/G.168 (echo cancelation) 16
ms, adaptative Jitter buffer
Gain control: +/- 6 dB
Call features: auto attendant, network operator group, barring can reactives, adulational, network operation group, parining class, trunk group, trunk class, line group, call pickup, network extension line, inbound transit call, custound transit call, Least Call Routing, traffic management, call transfer, call forward, abbreviated dialing, CDR collection, DND Work with IP-PBX: yes STUN support: yes

STON support; yes Billing system cooperation: CDR records on separate port Addressing: DHCP, static IP Management: console, WWW, phone set Dimensions: 172x117x35 mm Operational temperature: 0°C + 50°C Power: 5V DC 1,5A; ~230V AC 50Hz Warranty period: 1 year Manufacturer: Edge-corE



### #05978

Net Price: 257.00 USD Unit: pcs

## VoIP gateway 4xFXO (Grandstream GXW4104)

Protocols: SIP (RFC3261), T38 Codecs: G.711, G.723, G.729A/B, GSM, G.726 Ports: 2x 10/100 Mbps RJ-45, 4x RJ-11 FXO, Video IN VoIP lines: 3

Voice quality: G.168 (echo cancelation), dynamic jitter buffer

Voice quality: G. 168 (echo cancelation), dynamic jitter buffer Fax support: T38, group 3 fax relay, auto-switch to G.711 for Fax Pass-through Video surveillance: H.264, 30fps @ 352x240 Caller ID: Bellcore typ 1 i 2, ETSI, BT, NTT, DTMF QOS features: DiffServ, ToS, 802.1p DTMF: inband, out of band, SIP Info Provisioning: TFTP, HTTP PSTN signaling: FXO Loop start Addressing: DHCP client, DHCP server Management: WWW. HTTPS. Management: WWW, HTTPS Power: 12V DC, ~230V AC 50Hz Operating temperatures: 0°C ÷ 40°C

Operating temperatures: "C+ 40°C Operating humidity: 10% + 90%, non-condensing Dimensions: 225x135x35 mm Certificates: CE, FCC Warranty: 24 months Manufacturer: Grandstream



Net Price: 175.00 USD Unit: pcs



The GXW4500 series are E1/T1 Digital VoIP Gateways that allow digital PSTN and ISDN trunks to be integrated with VoIP networks. By connecting the GXW4500 series with a VoIP network and a traditional PBX or E1/T1 provider, businesses can drastically increase the amount of PSTN/ISDN trunks integrated with their VoIP network. The GXW4500 series offers three models that provide 1, 2 or 4 E1/T1/J1 spans and support 30, 60 or 120 concurrent calls to cater to the VoIP needs of large and medium sized enterprises.

VoIP gateway 4xE1/T1 (Grandstream GXW4504)

E1/T1/J1 Interface: 4 RJ45 ports, supporting up to 120 simultaneous VoIP calls
Network protocols: TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, STUN,SRTP, TLS, LDAP, PPP, Frame Relay (pending), IPv6, Open/PN

Codess: G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, AAL2-G.726-32 Ports: 2x 10/100/1000 Mbps RJ-45, 2x USB 3.0, 1x SD card

LCD Display: 128x32 dot matrix graphic LCD with DOWN and

LCD Display: 128x32 dot matrix graphic LCD with DOWN and OK buttons
Fax over IP: T.38 compliant Group 3 Fax Relay up to
14.4kpbs and auto-switch to G.711 for Fax Passthrough, Fax data pump V.17, V.21, V.27ter, V.29 for T.38 fax relay
QoS features: Layer 2 QoS (802.1Q, 802.1p) and Layer 3
(ToS, DiffServ, MPLS) QoS
DTMF: In-band audio, RFC2833, and SIP INFO
Device Management: Syslog, HTTPS, Web browser, voice prompt, TR-069 management, backup and restore, port capture and packet capture
Power: Input-100 ~ 240VAC, 50/60Hz; Output-DC+12V, 2A
Operating temperatures: 0°C + 45°C

Manufacturer: Grandstream



#06024

Net Price: 2 020 00 USD

Unit: pcs

## VoIP gateway, 8xFXS (Grandstream HT818)

Protocols: SIP (RFC3261) Voice codec: G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1, G.729A/B, G.726, iLBC, OPUS, dynamic jitter buffer, advanced line echo cancellation Ports: 1x 10/100/1000 Mbps RJ-45 (WAN), 1x 10/100/1000 Ports: 1x 10/100/1000 mbps RJ-45 (WAN), 1 Mbps RJ-45 (LAN) Voice ports: 8xFXS Operating modes: SIP Proxy client DTMF: In-audio, RFC2833 and/or SIP INFO

VoIP lines: 8

Volr inles. 0 Fax support: T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through QoS: Layer 2 (802.1Q VLAN, SIP/RTP 802.1p) and Layer 3

Clos. Layer 2 (ouz. TQ VLAN, SIP/RTP ouz. Tp) and Layer 3 (Tos. Diffserv, MPLS) Voice quality: VAD, CNG, Packet Loss Concacelation (PLC), dynamic Jitter buffer, echo cancelation Call features: Caller ID display or block, call waiting, flash, blind or attended transfer, forward, hold, do not disturb, 3-way

conference
Router: with NAT function
Addressing: static IP, DHCP client
Provisioning: HTTP, HTTPS, SSH, TFTP, TR-069, secure
and automated provisioning using AES encryption, syslog
Management: WWW, telnet
Power: 12V DC 1,5A, 100-240VAC, 50-60Hz
Operating temperatures: 0°C + 40°C
Operating temperatures: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Dimensions: 180x120x36 mm
Certificates: CE, FCC, RCM
Warrantv: 24 months

Warranty: 24 months
Manufacturer: Grandstream





Net Price: 444.00 USD Unit: pcs



### #06480

Net Price: 639.00 USD Unit: pcs



### #05988

Net Price: 758.00 USD Unit: pcs

## VoIP gateway 16xFXS (Grandstream GXW4216)

The GXW4200 high-density FXS gateway series enables businesses of all sizes to create an easy-to-deploy VoIP solution that takes advantage of Gigabit speeds. These FXS gateways offer the ability to seamlessly connect multiple locations and all devices within an office to any hosted or on premise IP PBX network to make deployments as easy as possible. The GXW4200 series includes 16/24/32/48 FXS ports and a Gigabit network port. Deploy the GXW4200 series to allow any businesses to create a cost-effective hybrid IP and analog telephone system that allows them to enjoy the benefits of VoIP communications while preserving investment on existing analog phones, Fax machines and legacy PBX

Protocols: SIP (RFC3261), T38 Codecs: G.711, G.723, G.726, G.729A/B/E, iLBC Ports: 2x 10/100/1000 Mbps RJ-45, 16x RJ-11 FXS, 1x

50-pin Telco connector VoIP lines: 2

Voice quality: G.168 (echo cancelation), dynamic jitter buffer

voice quality: 0. 168 (ecno cancelation), oynamic jitter burier Life Line: yes Caller ID: Bellcore type 1 & 2, ETSI, BT, NTT, DTMF Fax support: T38 group 3 fax relay, auto switch to G.711 for Fax Pass-through QoS functions: DiffServ, ToS, 802.1P/Q

QoS functions: DiffServ, ToS, 802.1P/Q
DTMF: inband, out of band, SIP Info
Provisioning: TFTP, HTTP, HTTPS
Security: SIPS, TLS
Addressing: DHCP client, DHCP server
Management: WWW, console, telnet, HTTPS
Power: 12V DC, ~230V AC 50Hz
Operating temperatures: 0°C + 40°C
Operating temperatures: 0°C + 40°C
Operating thumidity: 10% + 90%, non-condensing
Dimensions: 440mm (L) x 185mm (W) x 44mm (H) (1U)
Certificates: FCC Part 15 (CFR 47) Class B, CE EN55022
Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1,
ROHS, C-TICK AS/NZS, CISPR 22 Class B, AS/NZS CISPR
24, AN/NZS 60950, ITU-T K.21 (Basic Test Level), UL 60950
(power adapter)

(power adapter)
Warranty: 24 months
Manufacturer: Grandstream

## VoIP gateway 24xFXS (Grandstream GXW4224)

The GXW4200 high-density FXS gateway series enables businesses of all sizes to create an easy-to-deploy VoIP solution that takes advantage of Gigabit speeds. These FXS gateways offer the ability to seamlessly connect multiple locations and all devices within an office to any hosted or on premise IP PBX network to make deployments as easy as possible. The GXW4200 series includes 16/24/32/48 FXS ports and a Gigabit network port. Deploy the GXW4200 series to allow any businesses to create a cost-effective hybrid IP and analog telephone system that allows them to enjoy the benefits of VoIP communications while preserving investment on existing analog phones, Fax machines and legacy PBX

Protocols: SIP (RFC3261), T38 Codecs: G.711, G.723, G.726, G.729A/B/E, iLBC Ports: 2x 10/100/1000 Mbps RJ-45, 24x RJ-11 FXS, 1x 50-pin Telco connector VoIP lines: 2

Voice quality: G.168 (echo cancelation), dynamic jitter buffer

Volte quality. 3. 168 (ectil Cantellation), dynamic juter burier. Life Line: yes
Caller ID: Bellcore type 1 & 2, ETSI, BT, NTT, DTMF
Fax support: T38 group 3 fax relay, auto switch to G.711 for
Fax Pass-through
QoS functions: DiffServ, ToS, 802.1P/Q

QoS functions: DiffServ, ToS, 802.1P/Q
DTMF: inband, out of band, SIP Info
Provisioning: TFTP, HTTP, HTTPS
Security: SIPS, TLS
Addressing: DHCP client, DHCP server
Management: WWW, console, telnet, HTTPS
Power: 12V DC, ~230V AC 50Hz
Operating temperatures: 0°C + 40°C
Operating temperatures: 0°C + 40°C
Operating thumidity: 10% + 90%, non-condensing
Dimensions: 440mm (L) x 185mm (W) x 44mm (H) (1U)
Certificates: FCC Part 15 (CFR 47) Class B, CE EN55022
Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1,
ROHS, C-TICK AS/NZS, CISPR 22 Class B, AS/NZS CISPR
24, AN/NZS 60950, ITU-T K.21 (Basic Test Level), UL 60950
(power adapter)

(power adapter) Warranty: 24 months Manufacturer: Grandstream

## VoIP gateway 32xFXS (Grandstream GXW4232)

The GXW4200 high-density FXS gateway series enables businesses of all sizes to create an easy-to-deploy VoIP solution that takes advantage of Gigabit speeds. These FXS gateways offer the ability to seamlessly connect multiple locations and all devices within an office to any hosted or on premise IP PBX network to make deployments as easy as possible. The GXW4200 series includes 16/24/32/48 FXS ports and a Gigabit network port. Deploy the GXW4200 series to allow any businesses to create a cost-effective hybrid IP and analog telephone system that allows them to enjoy the benefits of VoIP communications while preserving investment on existing analog phones, Fax machines and legacy PBX systems

Protocols: SIP (RFC3261), T38 Codecs: G.711, G.723, G.726, G.729A/B/E, iLBC Ports: 2x 10/100/1000 Mbps RJ-45, 32x RJ-11 FXS, 1x

50-pin Telco connector VoIP lines: 2

Voice quality: G.168 (echo cancelation), dynamic jitter buffer

Voice quality: 0. 168 (ecno cancelation), oynamic jitter burier Life Line: yes Caller ID: Bellcore type 1 & 2, ETSI, BT, NTT, DTMF Fax support: T38 group 3 fax relay, auto switch to G.711 for Fax Pass-through QoS functions: DiffServ, ToS, 802.1P/Q

QoS functions: DiffServ, ToS, 802.1P/Q
DTMF: inband, out of band, SIP Info
Provisioning: TFTP, HTTP, HTTPS
Security: SIPS, TLS
Addressing: DHCP client, DHCP server
Management: WWW, console, telnet, HTTPS
Power: 12V DC, ~230V AC 50Hz
Operating temperatures: 0°C + 40°C
Operating temperatures: 0°C + 40°C
Operating thumidity: 10% + 90%, non-condensing
Dimensions: 440mm (L) x 185mm (W) x 44mm (H) (1U)
Certificates: FCC Part 15 (CFR 47) Class B, CE EN55022
Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1,
ROHS, C-TICK AS/NZS, CISPR 22 Class B, AS/NZS CISPR
24, AN/NZS 60950, ITU-T K.21 (Basic Test Level), UL 60950
(power adapter)

(power adapter)
Warranty: 24 months
Manufacturer: Grandstream



## #06027

Net Price 1 110.00 USD



## #05982

Net Price: 45.10 USD



## #05985

Net Price: 87.30 USD Unit: pcs

## VoIP gateway 48xFXS (Grandstream GXW4248)

The GXW4200 high-density FXS gateway series enables businesses of all sizes to create an easy-to-deploy VoIF solution that takes advantage of Gigabit speeds. These FXS gateways offer the ability to seamlessly connect multiple locations and all devices within an office to any hosted or on premise IP PBX network to make deployments as easy as possible. The GXW4200 series includes 16/24/32/48 FXS ports and a Gigabit network port. Deploy the GXW4200 series to allow any businesses to create a cost-effective hybrid IP and analog telephone system that allows them to enjoy the benefits of VoIP communications while preserving investment on existing analog phones, Fax machines and legacy PBX

Protocols: SIP (RFC3261), T38 Codecs: G.711, G.723, G.726, G.729A/B/E, iLBC Ports: 2x 10/100/1000 Mbps RJ-45, 48x RJ-11 FXS, 1x 50-pin Telco connector VoIP lines: 2

VolP lines: 2
Voice quality: G.168 (echo cancelation), dynamic jitter buffer Life Line: yes
Caller ID: Bellcore type 1 & 2, ETSI, BT, NTT, DTMF
Fax support: T38 group 3 fax relay, auto switch to G.711 for Fax Pass-through
QoS functions: DiffServ, ToS, 802.1P/Q

QoS functions: DiffServ, ToS, 802.1P/Q
DTMF: inband, out of band, SIP Info
Provisioning: TFTP, HTTP, HTTPS
Security: SIPS, TLS
Addressing: DHCP client, DHCP server
Management: WWW, console, telnet, HTTPS
Power: 12V DC, ~230V AC 50Hz
Operating temperatures: 0°C + 40°C
Operating humidity: 10% + 90%, non-condensing
Dimensions: 440mm (L) x 255mm (W) x 44mm (H) (1U)
Certificates: FCC Part 15 (CFR 47) Class B, CE EN55022
Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1,
ROHS, C-TICK AS/NZS, CISPR 22 Class B, AS/NZS CISPR
24, AN/NZS 60950, ITU-T K.21 (Basic Test Level), UL 60950
(power adapter)
Warranty: 24 months
Manufacturer: Grandstream

Manufacturer: Grandstream

## VoIP gateway, 1xFXS (Grandstream HT801)

The HT801 is a single port analog telephone adapter (ATA) that allows users to create a high-quality and manageable IP telephony solution for residential and office environments. Its ultra-compact size, voice quality, advanced VoIP functionality, security protection and auto provisioning options enable users to take advantage of VoIP on analog phones. It also allows service providers to offer high quality IP service to their market. The HT801 is an ideal ATA for individual use as well as commercial IP voice deployments worldwide.

Network Interface: One 10M/100Mbps auto-sensing Ethernet port(RJ45) FXS Port: 1

Voicemail Indicator: Yes

Volcentian induction: Tess
Fax over IP: T.38 Compliant Group 3 Fax Relay up to
14.4kbps and auto switch to G.711 for Fax Pass-through
Caller ID: Bellcore Type 1 & 2, ETSI, BT, NTT, and

DTMF-based CID
Remote Configuration: HTTP/HTTPS/Telnet/TFTP

Provisioning Security Media: SRTP Warranty: 24 months

## VoIP gateway, 1xFXS, 1xFXO (Grandstream HT813)

The HT813 is an analog telephone adapter that features 1 analog telephone FXS port and 1 PSTN line FXO port in order to offer backup lifeline support using a PSTN line. The integration of a FXO and FXS port enables this hybrid ATA to support remote calling to and from the PSTN line. For added flexibility, the FXS port extends VoIP service to one analog device. Users can convert their analog technology to VoIP thanks to the HT813's ultra-compact size, HD voice quality, advanced VoIP functionality, high-end security protection and multiple auto provisioning options. These advanced features also allow service providers to offer high quality IP service to customers looking to upgrade to VoIP.

Network Interface: Two 10M/100Mbps auto-sensing Ethernet port(RJ45)

FXS Port: 1 FXO Port:

FXO Port: 1
Voicemail Indicator: Yes
Fax over IP: T.38 Compliant Group 3 Fax Relay up to
14.4kbps and auto switch to G.711 for Fax Pass-through
Caller ID: Bellcore Type 1 & 2, ETSI, BT, NTT, and
DTMF-based CID

Remote Configuration: HTTP/HTTPS/Telnet/TFTP

Provisioning Security Media: SRTP Warranty: 24 months

68/167



#06312 Net Price: 51.20 USD Unit: pcs



#06311 Net Price: 60.20 USD Unit: pcs

#05986 Net Price: 113.00 USD Unit: pcs

## VoIP gateway, 2xFXS (Grandstream HT802)

Network Interface: One 10M/100Mbps auto-sensing Ethernet port(RJ45)
FXS Port: 2
Voicemail Indicator: Yes
Telephony Features: Caller ID display or block, call waiting,

flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference Caller ID: Bellcore typ 1 & 2, ETSI, BT, NTT i CID based on DTMF

Remote Configuration: HTTP, HTTPS, SSH, TFTP, TR-069, secure and automated provisioning using AES encryption,

syslog Security Media: SRTP Warranty: 24 months

## VoIP gateway, 2xFXS (Grandstream HT812)

The HT812 is an advanced 2-port analog telephone adapter (ATA) with 2 FXS ports and an integrated Gigabit NAT router. Built upon Grandstream's market-leading SIP ATA/gateway technology with millions of units successfully deployed worldwide, this powerful ATA features exceptional voice quality in various application environments, strong encryption with unique security certificate per unit, automated provisioning for volume deployment and device management, and outstanding network performance for home and office

Network Interface: Two 10M/100/1000Mbps auto-sensing Ethernet port(RJ45) FXS Port: 2

Voicemail Indicator: Yes Telephony Features: Caller ID display or block, call waiting, flash, blind or attended transfer, forward,

hold, do not disturb, 3-way conference
Caller ID: Bellcore typ 1 & 2, ETSI, BT, NTT i CID based on
DTMF

Remote Configuration: HTTP, HTTPS, SSH, TFTP, TR-069, secure and automated provisioning using AES encryption,

syslog Security Media: SRTP Warranty: 24 months

## VoIP gateway, 4xFXS (Grandstream HT814)

The HT814 is an advanced 4-port VoIP gateway with 4 FXS ports and an integrated Gigabit NAT router. Built upon Grandstream's market-leading SIP ATA/gateway technology with millions of units successfully deployed worldwide, this powerful gateway features exceptional voice quality in various application environments, strong encryption with unique security certificate per unit, automated provisioning for volume deployment and device management, and outstanding network performance for home and office

Network Interface: Two 10M/100/1000Mbps auto-sensing Ethernet port(RJ45) FXS Port: 4

FAS POT: 4
Voicemail Indicator: Yes
Fax over IP: T.38 Compliant Group 3 Fax Relay up to
14.4kbps and auto switch to G.711 for Fax Pass-through
Caller ID: Bellcore Type 1 & 2, ETSI, BT, NTT, and
DTMF-based CID

Remote Configuration: HTTP/HTTPS/Telnet/TFTP

Provisioning Security Media: SRTP Warranty: 24 months





Net Price: 57.20 USD Unit: pcs

#06015

Net Price: 60.20 USD Unit: pcs

#06016

Net Price: 99.30 USD Unit: pcs

## DECT Cordless HD Handset for Mobility (Grandstream DP720)

The DP720 is a DECT cordless VoIP phone that allows users to mobilize their VoIP network throughout any business warehouse, retail store and residential environment. It is supported by Grandstream's DP750 DECT VoIP base station (#06697) and delivers a combination of mobility and top-notch telephony performance. Up to five DP720 handsets are supported on each DP750 while each DP720 supports a range of up to 300 meters outdoors and 50 meters indoors from the base station. The DP720 touts a suite of top-notch telephony features including support for up to 10 SIP accounts per handset, full HD audio, a 3.5mm headset jack, multi-language support, a speakerphone and more. When paired with Grandstream's DP750 DECT Base
Station, the DP720 offers a powerful DECT VoIP handset that allows any business or residential user to create a cordle VoIP solution.

Protocols: Hearing Aid Compatibility (HAC) compliant Telephony standards: DECT

Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930 MHz (US), 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea), 1893 - 1906 MHz (Japan), 1880 - 1895 MHz

(Taiwan) Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3

Range: up to 300 meters outdoors and 50 meters indoors Peripherals: 1.8 inch (128x160) color TFT LCD, 23 keys including 2 soft keys, 5 navigation/ menu keys, 4 dedicated function keys for SEND, POWER/END, SPEAKERPHONE, MUTE, 3-color MWI LED, 3.5mm headset jack, Removable belt clip, Micro-USB port for alternative charging and

belt clip, Micro-USB port for alternative charging and non-battery operation Voice codec: G.722 codec for HD audio and G.726 codec for narrow band audio (G.711µ/a-law, G.723.1, G.729A/B, iL.BC and OPUS are supported via companion DECT base station DP750), AEC, AGC, Ambient noise reduction Call features: Hold, transfer, forward, 3-way conference, call park, call pickup, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan, music on hold HD Audio: Yes, both on Handset and Speakerphone Security: DECT authentication & encryption Multi-language: Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish, Portuquese, Romanian, Spanish, Turkish

Portuguese, Romanian, Spanish, Turkish Multi-line Access: Each handset may access up to ten (10)

Power & Green Energy Efficiency: Universal Power Supply Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB connection, Rechargeable 800mAh Ni-MH Low Self-Discharge (LSD) AAA batteries (250 hours of standby time and 20 hours of talk time)

Package Content: Handset unit, universal power supply,

charger cradle, belt clip, 2 batteries, Quick Start Guide Dimensions (H x W x D): Handset- 155 x 50 x 26 mm, charger cradle- 35 x 63.5 x 54 mm

charger cradle- 35 x 63.5 x 54 mm
Weight Handset: 138g, Charger Cradle- 71g; Universal Power
Supply- 50g, Package- 360g
Temperature and Humidity Operation: -10° to 50°C (14 to
122°F), Charging- 0 to 45°C (32 to 113°F)
Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%
non-condensing
Compliance: FCC Part 150, Part 460, PC FN 2006

IEEE1528-2013, Part 68, Part 15B, CE EN60950, EN301489-1-6, EN301406, EN50360, EN62209-1, RCM AS/NZS60950, AS/ACIF S004, ANATEL- 2288-16-9452

## DECT Cordless HD Handset for Mobility (Grandstream DP722)

The DP722 is a mid-tier DECT cordless IP phone that allows users to mobilize their VoIP network throughout any business, warehouse, retail store and residential environment. It is supported by Grandstream's DP750 and DP752 DECT VolF base stations and delivers a combination of mobility and excellent telephony performance. Up to five DP722 handsets to be supported on each base station while each DP722 supports a range of up to 350 meters outdoors (with DP752) and 50 meters indoors, 20 hours of talk time and 250-hour standby time. It touts a suite of robust features including support for up to 10 SIP accounts per handset, full HD audio, 1.8 inch color display, a 3.5mm headset jack, push-to-talk, a speakerphone and more. When paired with Grandstream's DECT Base Stations, the DP722 offers an affordable mid-range cordless DECT solution for any business or residential user.

Protocols: Hearing Aid Compatibility (HAC) compliant Telephony standards: DECT

Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930 MHz (US), 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea), 1893 - 1906 MHz (Japan), 1880 - 1895 MHz

Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)

Range: up to 300 meters outdoors and 50 meters indoors Peripherals: 1.8 inch (128x160) color TFT LCD, 23 keys including 2 soft keys, 5 navigation/ menu keys, 4 dedicated function keys for SEND, POWER/END, SPEAKERPHONE, MUTE, 3-color MWI LED, 3.5mm headset jack, Removable belt clip, Micro-USB port for alternative charging and non-battery operation

Voice codec: G.722 codec for HD audio and G.726 codec fo narrow band audio (G.711µ/a-law, G.723.1, G.729A/B, iLBC and OPUS are supported via companion DECT base station DP750), AEC, AGC, Ambient noise reduction, advanced noise suppression for incoming audio

Call features: Hold, transfer, forward, 3-way conference, call Call reatures: Hold, transfer, forward, 3-way conterence, call park, call pickup, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan, music on hold HD Audio: Yes, both on Handset and Speakerphone Security: DECT authentication & encryption Multi-language: Chinese Simple, Chinese Tradition, Czech,

Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Spanish, Turkish Multi-line Access: Each handset may access up to ten (10)

lines
Power & Green Energy Efficiency: Universal Power Supply
Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB
connection, Rechargeable 800mAh Ni-MH Low
Self-Discharge (LSD) AAA batteries (250 hours of standby

time and 20 hours of talk time) time and 20 hours of talk time)
Package Content: Handset unit, universal power supply,
charger cradle, belt clip, 2 batteries, Quick Start Guide
Dimensions (H x W x D): Handset- 158 x 50 x 28.1mm,
charger cradle- 81.15 x 75.89 x 36.36mm
Weight Handset: Handset 110g, Charger cradle 44g,
Universal power supply 50g, Package 328g
Temperature and Humidity Operation: -10° to 50°C (14 to
122°F), Charging- 0 to 45°C (32 to 113°F)
Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%
non-condensing

non-condensing Compliance: FCC- FCC Part 15B; FCC Part 15D; SAR (FCC 47 CFR Part2.1093; IEEE 1528; IEC 62209-2); FCC Part68 HAC; FCC ID, CE- EN 55032; EN 55035; EN 61000-3-2; EN HAC; FCC ID; CE- EN 5032; EN 50305; EN 51003-3-2; E 61000-3-3; EN 60950-1; EN 301 489-11-6; EN 301 406; EN 50332-2; SAR(EN50360; EN50566; EN 50663; EN62209-1; EN62209-2; EN 62479); RED NB Cert, RCM- AS/NZS CISPR32; AS/NZS 60950.1; AS/CA S004; AS/ACIF S040. ANATEL, EAC, UL (adapter)

## DECT Cordless HD Handset for Mobility (Grandstream DP730)

The DP730 is a DECT cordless IP phone that allows users to mobilize their VoIP network throughout any business warehouse, retail store and residential environment. It is supported by Grandstream's DP750 and DP752 DECT VolP base stations and delivers a combination of mobility and top-notch telephony performance. Up to five DP730 handsets are supported on each base station while each DP730 supports a range of up to 400 meters outdoors (with DP752) and 50 meters indoors along with 40 hours of talk time and 500-hour standby time. It touts a suite of robust telephony features including support for up to 10 SIP accounts per handset, full HD audio, 2.4 inch color display, a 3.5mm headset jack, push-to-talk, a speakerphone and more. When paired with Grandstream's DECT Base Stations, the DP730 is a high-end handset that offers a powerful cordless DECT solution for any business or residential user.

Protocols: Hearing Aid Compatibility (HAC) compliant Telephony standards: DECT

Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930 MHz (US), 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea), 1893 - 1906 MHz (Japan), 1880 - 1895 MHz

Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3

Number of Channels: 10 (Europe), 3 (US, Brazil of Gapan), (Korea), 8 (Taiwan)
Range: up to 400 meters (DP752) or up to 300 meters (DP750) and 50 meters indoors
Peripherals: 2.4 inch (240x320) color TFT LCD, 27 keys including 3 soft keys, 5 navigation/ menu keys, 4 dedicated function keys for SEND, POWER/END, SPEAKERPHONE, MUTE, 3-color MWI LED, 3.5mm headset jack, Removable belt clip, Micro-USB port for alternative charging and

non-battery operation
Voice codec: G.722 codec for HD audio and G.726 codec for volce code: G.7.22 codec for FD attain and G.7.25 codec for narrow band audio (G.711µ/a-law, G.723.1, G.729A/B, it.BC and OPUS are supported via companion DECT base station DP750), AEC, AGC, Ambient noise reduction, advanced noise suppression for incoming audio Call features: Hold, transfer, forward, 3-way conference, call park, call pickup, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan, music on hold

log, auto diswer, click-to-dar, nearbie dar, man bran, m

Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Spanish, Turkish

Multi-line Access: Each handset may access up to ten (10)

Ines

Power & Green Energy Efficiency: Universal Power Supply
Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB
connection, Rechargeable 1500mAh Ni-MH Low
Self-Discharge (LSD) AAA batteries (250 hours of standby
time and 20 hours of talk time)

Package Content: Handset unit, universal power supply,
charger cradle, belt clip, 2 batteries, Quick Start Guide
Dimensions (H x W x D): Handset-168.5 x 52.5 x 21.8mm,
charger cradle- 76 x 73 x 81mm
Weight Handset: Handset 180g, Charger cradle 78g,
Universal power supply 50g, Package 465g

Temperature and Humidity Operation: -10° to 50°C (14 to
122°F), Charging-0 to 45°C (32 to 113°F)

Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%
non-condensing
Compliance: FCC- FCC Part 15B; FCC Part 15D; SAR (FCC
47 CFR Part 2.1093; IEEE 1528; IEC 62209-2); FCC Part68

Compinance: FCCF FCC Part 15B; FCC Part 15D; SAR (FCC 47 CFR Part2.1093; IEEE 1528; IEC 6229-2); FCC Part68 HAC; FCC ID, CE- EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-2; EN 60950-1; EN 301 489-1/-6; EN 301 406; EN 50332-2; SAR(EN50360; EN50566; EN 50663; EN 506209-1; EN 62479); RED NB Cert, RCM- AS/NZS CISPR32; AS/NZS 60950.1; AS/CA S004; AS/ACIF S040. ANATEL, EAC, UL (adapter)





#06012 Net Price: 114.00 USD Unit: pcs

## Extension module (Grandstream KGXP2200EXT)

The GXP2200 Extension module is the ideal choice for providing powerful call control and flexibility to any user. The module itself boasts an intuitive and clear design, with 20 dual-colored extension keys and 2 arrow keys for page switching. Each module supports visibility for up to 40 additional contacts and extensions, while also supporting the ability to connect up to 4 GXP2200EXT modules to compatible Grandstream phones for visibility on up to 160 new contacts/extensions. Users can enjoy the added productivity that the GXP2200EXT brings with its feature rich design. It supports traditional call features on each of its programmable buttons, including bridged line appearance/shared call appearance, busy lamp fields, call park/pick-up, speed dial, presence, intercom, and conference/transfer/forward. Supported by the GXP2140, GXP2170 and GXV3240.



### #06697

Net Price: 54.20 USD Unit: pcs

## Long-range DECT VoIP Base Station (Grandstream DP750)

The DP750 is a powerful DECT VoIP base station that pairs with up to 5 of Grandstream's DP720 DECT handsets (#06698) to offer mobility to business and residential users. It supports a range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their work or home space, delivering efficient flexibility. This DECT VoIP base station supports up to 10 SIP accounts and 5 concurrent calls while also offering 3-way voice conferencing, full HD audio and integrated PoE. A shared SIP account on all handsets will add seamless unified features that gives users hardisets will add sealiness diffied readless that gives users the ability to answer all calls regardless of location in real-time. The DP750 supports a variety of auto-provisioning methods and TLS/SRTP/HTTPS encryption security. When paired with Grandstream's DP720, the DP750 offers a powerful DECT VoIP base station that allows any busines residential user to create a cordless VoIP solution

Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6

(Pending)
Ports: 1\* 10/100 Mbps auto-sensing Ethernet port with

Telephony standards: DECT
Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930
MHz (US), 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz
(Korea), 1893 - 1906 MHz (Japan), 1880 - 1895 MHz
(Taiwan)

Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)

Range: up to 300 meters outdoors and 50 meters indoors Range: up to 300 meters outdoors and 50 meters indoors Peripherals: 5 LED indicators- Power, Network, Register, Call, DECT Reset button, Pairing/Paging button Voice codec: G.711µ/a-law, G.723.1, G.729A/B, G.726-32, iLBC, G.722, OPUS, G.722.2/AMR-WB (special order), in-band and out-of-band DTMF (in audio, RFC2833, SIP

Int-Darid and out-of-barld Drivin (In addio, RFC2635, SIP INFO), VAD, CNG, PLC, AJB
Call features: Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP, up to 3000 entries), call waiting, call log (up to 300 records), auto answer, flexible dial plan, music on hold, server redundancy and fail-over QoS: Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (TOS, DiffSor, MDI S). DiffServ, MPLS)

Security. User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access

control, DECT authentication & encryption
Multi-language: Chinese Simple, Chinese Tradition, Czech,
Danish, Dutch, English, Estonian, Finnish, French, German,
Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish,
Portuguese, Romanian, Spanish, Turkish
Multi-line Access: Each handset may access up to ten (10)

Ring Group: Flexible options when multiple handsets share the same SIP account, Circular Mode- all phones ring sequentially from the phone next to the one that, answered last, Linear Mode- all phones ring sequentially in the predesignated order, Parallel Mode- all phones ring concurrently and after one phone answers, the remaining available phones can make new calls, Shared Mode-all phones ring concurrently and always share the same line

pnones ring concurrently and always snare the same line similar to analog phones
Power & Green Energy Efficiency: Universal Power Supply Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB connection, PoE- IEEE802.3af Class 1, 0.44W-3.84W
Package Content: Base Unit, Universal Power Supply, Ethernet cable, Quick Start Guide, GPL statement
Dimensions (H x W x D): 28.5 x 130 x 90 mm
Weight Handest Base unit, 1434. Universal Power Supply Weight Handset: Base unit- 143g, Universal Power Supply-50g, Package- 360g Temperature and Humidity Operation: -10° to 50°C (14 to

Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%

non-condensing Compliance: FCC- Part 15D, Part 15B, CE- EN60950, EN301499-1-6, EN301406, RCM- AS/NZS60950, ANATEL-2288-16-9452



#06014

Net Price: 54.20 USD Unit: pcs

## Long-range DECT VoIP Base Station (Grandstream DP752)

The DP752 is a powerful DECT VoIP base station that pairs with up to 5 of Grandstream's DP series DECT handsets to offer mobility to business and residential users. It supports outdoor range of up to 400 meters with the DP730 or up to 350 meters with DP722/DP720 as well as indoor range up to 50 meters to give users the freedom to move around their work or home. This DECT VoIP base station supports up to 10 SIP accounts and 5 concurrent calls while also offering 3-way voice conferencing, full HD audio and integrated PoE. A shared SIP account on all handsets will add seamless unifed features that gives users the ability to answer all calls regardless of location in real-time. The DP752 supports a variety of auto-provisioning methods and TLS/SRTP/HTTPS encryption security. When paired with Grandstream's DP720, DP722 or DP730 handsets, the DP752 offers a powerful cordless DECT solution for any business or residential user.

Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPOE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6

(Pending)
Ports: 1\* 10/100 Mbps auto-sensing Ethernet port with integrated PoE

Telephony standards: DECT

reiepinoriy standards: DECT Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930 MHz (US), 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea), 1893 - 1906 MHz (Japan), 1880 - 1895 MHz (Taiwan)

Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan) Range: up to 400 meters (DP730) or up to 350 meters

(LP722) DP720) and 50 meters indoors
Peripherals: 3 LED indicators- Power, Network, DECT
Voice codec: G.711µ/a-law, G.723.1, G.729A/B, G.726-32,
iLBC, G.722, OPUS, G.722.2/AMR-WB (special order),
in-band and out-of-band DTMF (in audio, RFC2833, SIP

InFoant and out-baild of him full addid, RFC2633, SIP INFO), VAD, CNG, PLC, AJB
Call features: Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP, up to 3000 entries), call waiting, call log (up to 300 records), auto answer, flexible dial plan, music on hold, server redundancy and fail-over QoS: Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)

Security. User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access

control, DECT authentication & encryption
Multi-language: Chinese Simple, Chinese Tradition, Czech,
Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Spanish, Turkish Multi-line Access: Each handset may access up to ten (10)

Ring Group: Flexible options when multiple handsets share the same SIP account, Circular Mode- all phones ring sequentially from the phone next to the one that, answered last, Linear Mode- all phones ring sequentially in the predesignated order, Parallel Mode- all phones ring concurrently and after one phone answers, the remaining available phones can make new calls, Shared Mode-all phones ring concurrently and always share the same line

phones ring concurrently and always share the same line similar to analog phones
Power & Green Energy Efficiency: Universal Power Supply Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB connection, PoE- IEEE802.3af Class 1, 0.44W-3.84W Package Content: Base Unit, Universal Power Supply, Ethernet cable, Quick Start Guide, GPL statement Dimensions (H x W x D): 140.31 x 64.98 x 105mm Weight Handset: Base unit 140g, Universal power supply 50g, Package 370g Temperature and Humidity Operation: -10° to 50°C (14 to 120°F)

Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%

Storage -25 to 5 G + 16 F, Financia, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975,





Net Price: 119.00 USD Unit: pcs

#06017

Net Price: 214.00 USD Unit: pcs

#06020

Net Price: 343.00 USD Unit: pcs

## Long-range DECT VoIP repeater (Grandstream DP760)

The DP760 is a powerful wideband DECT repeater (wireless relay station) that auto associates to Grandstream's DP750 DECT base station offering extended mobility to business and residential users. The DP760 extends an additional range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their home or work space. This Wideband DECT Repeater relays up to 2 concurrent HD calls. The Ethernet connection provides PoE for convenient installation and a variety of remote features including provisioning, status monitoring and repeater firmware upgrades. When paired with Grandstream's DP750 DECT VoIP base station and DP720 handsets, the DP760 offers a powerful extended DECT solution for users looking to add coverage to their VoIP DECT system.

Protocols: TCP/IP/UDP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, PPPoE, SSH, TFTP, NTP, LLDP-MED, UPnP Ports: 1\* 10/100 Mbps auto-sensing Ethernet port with integrated PoE

Telephony standards: DECT EN 301 406-2001, DECT GAP TBR22 EN 300 444-2001, DECT WRS EN 300 700, CAT-iq TS 102 527

Frequency bands: 1880 - 1900 MHz (Europe), 1920 - 1930 MHz (US), 1910 - 1920 MHz (Brazil)

Number of Channels: 10 (Europe), 5 (US, Brazil)
Range: up to 300 meters outdoors and 50 meters indoors
Peripherals: 5 LED indicators- Power, Network, Association, Activity, DECT Signal Strength, Reset button, Dissociation

Voice codec: G.722 codec for HD audio and G.726 codec for

narrow band audio
Call features: Plug-n-Play, auto association, auto regior detection and seamless call handover

detection and seamless call nandover Security: User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, HTTPS, 802.1x media access control Multi-language: Arabic, Chinese Simple, Chinese Tradition, Czech, Dutch, English, French, German, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Russian, Serbian, Stayakian, Sepanish, Swedish, Turkish.

Slovakian, Spanish, Swedish, Turkish
Association: Up to 5 repeaters in star, Relays up to 2
concurrent HD calls, Automatic or manual association to base

Ring Group: Flexible options when multiple handsets share the same SIP account, Circular Mode- all phones ring sequentially from the phone next to the one that, answered last, Linear Mode- all phones ring sequentially in the predesignated order, Parallel Mode- all phones ring concurrently and after one phone answers, the remaining available phones can make new calls, Shared Mode-all phones ring concurrently and always share the same line

similar to analog phones
Power & Green Energy Efficiency: Universal Power Supply
Input AC 100-240V 50/60Hz, Output 5VDC 1A, Micro-USB
connection, PoE- IEEE802.3af Class 1, 0.44W-3.84W connection, POE-IELEBUZ.3af Class 7, U.44W-3.84W Package Content: Base Unit, Universal Power Supply, Ethernet cable, Quick Start Guide, GPL statement Dimensions (H x W x D): 28.5 x 130 x 90 mm Weight Handset: Base unit- 143g, Universal Power Supply-50g, Package- 360g Temperature and Humidity Operation: -10° to 50°C (14 to

Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90%

Compliance: FCC- Part 15D, Part 15B, MPE, CE- EN60950, EN301499-1-6, EN301496, RCM- AS/NZS60950, ANATEL-2288-16-9452

## Portable WiFi phone (Grandstream WP820)

The WP820 is a portable WiFi phone designed to suit a variety of enterprises and vertical market applications, including retail, logistics, medical and security. This powerful, portable WiFi phone comes equipped with integrated dual-band 802.11a/b/g/n WiFi support, advanced antenna design and roaming support, and integrated Bluetooth for pairing with headsets and mobile devices. By adding 7.5 hour talk time and HD voice with dual-MICs, the WP820 offers a powerful combination of features, mobility and durability to suit all portable telephony needs. The GMC08, a battery charging pack for the WP820 that can charge up to 8 batteries at a time, is available seperately

Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6
Bluetooth: Yes, Bluetooth 4.2

Operating System: Android 7.0, supports custom Android

apps that fit the phone's screen/keyboard
Peripherals: 2.4 inch (240x320) color TFT LCD, 27 keys
including 3 soft keys, 5 navigation/ menu keys, 4 dedicated
function keys for SEND, POWER/END, SPEAKERPHONE,
MUTE, 3-color MWI LED, 3.5mm headset jack, Removable belt clip, Micro-USB port for alternative charging and non-battery operation

Voice codec: G.722 codec for HD audio and G.726 codec for narrow band audio (G.711µ/a-law, G.723.1, G.729A/B, iLBC and OPUS are supported via companion DECT base station DP750), AEC, AGC, Ambient noise reduction, advanced noise suppression for incoming audio Call features: Hold, transfer, forward, 3-way conference, call

park, call pickup, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan, music on hold HD Audio: Yes, both on handset and speakerphone with support for wideband audio, HAC supported

support for wideband audio, HAC supported Security: User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES based secure configuration file, SRTP, TLS, 802.1x media access control Multi-language: English, Arabic, Chinese, Czech, Dutch, German, French, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more Power & Green Energy Efficiency: Universal Power Supply Input AC 100-240V 50/60Hz, Output 5VDC 1A (5W),

Input AC 100-240V 50/60Hz, Output 5VDC 1A (5W), Micro-USB connection, Rechargeable 1500mAh Ni-MH Low Self-Discharge (LSD) AAA batteries (150 hours of standby time and 7,5 hours of talk time) Dimensions (H x W x D): Handset-168.5 x 52.5 x 21.8mm, charger cradle- 76 x 73 x 81mm Weight Handset: Handset 161g, Package 456g Temperature and Humidity Operation: 0° to 45°C Storage: -20° to 60°C (-4 to 140°F), Humidity 10% to 90% pro-confension

non-condensing Compliance: FCC, CE, RCM, EAC

## Video Phone with Android (Grandstream

The GXV3370 is a powerful desktop video phone for enterprise users. It features a 7" touch screen, advanced megapixel camera for HD video conferencing, built-in WiFi and Bluetooth, Gigabit network speeds and innovative telephony functionalities. It also runs on Android 7.0 and has flexible SDK support for custom apps. The GXV3370 is fully interoperable with nearly all major SIP platforms on the market and can be seamlessly integrated with Grandstream's portfolio including SIP based security cameras, door systems, IP PBXs, and video conferencing systems and services. This video phone is the perfect choice for users looking for an integrated video communications solution for their desktop

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (rekord A, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6,

Networking Interfaces: Dual-switched 10/10/10000Mbps with PoE/PoE+

WiFi: Yes, dual-band 802.11a/b/g/n (2.4GHz & 5GHz)

Bluetooth: Yes, Bluetooth 4.0 + EDR Graphic Display: 7" 1024×600 capacitive touch screen (5 points) TFT LCD

Camera: Tiltable mega pixel CMOS camera with privacy shutter, 720p 30fps
Auxiliary Ports: RJ9 headset jack (allowing EHS with Plantronics headsets), USB, SD, HDMI-out (1.4 up to 720p 20fps). 30fps)

Surps)
Feature Keys: 2 function touch keys VOLUME +/-, 3
dedicated Android touch keys HOME, MENU, and BACK
Voice Codec: Support f or G.711µ/a, G.722 (wide-band),
G.726-32, ILBC, Opus, G.729 A/B, in-band and outof-band
DTMF (In audio, RFC2833, SIP INFO), CNG, PLC, AGC, AJB Telephony Features: Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 6-way audio conference, shared-call-appearance (SCA) / contented state-call-appearance (SLA)/ bridged-line-appearance (BLA), virtual MPK, downloadable phone book (XML, LDAP), call waiting, call history, boss-secretary virtual button, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over Sample Applications: Skype, Google Hangouts, Microsoft Lync, Web browser, Adobe Flash, Facebook, Twitter,

YouTube, news, weather, stock, Internet radio, Pandora, Last.fm, Yahoo Flickr, Photobucket, alarm clock, Google calendar, mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development HD Audio: Yes, HD handset with support for wideband audio

Base Stand: Yes, 1 angle position available QoS: Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS

Security: User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access

Multi-language: English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese

and more
Upgrade/Provisioning: Firmware upgrade via TFTP / HTTP /
HTTPS or local HTTP upload, mass provisioning using
TR069 or AES encrypted XML configuration file
Power & Green Energy Efficiency: Universal power adapter
included- Input 100-240VAC 50-60Hz; Output 12VDC, 1.5A
(18W), Integrated PoE+ (Power-over-Ethernet)\* 802.3at, Class 4

Class 4
Temperature and Humidity Operation: 0°C to 40°C, Storage
-10°C to 60°C, Humidity 10% to 90% Non-condensing
Compliance: FCC- Part 15 (CFR 47) Class B; UL 60950
(power adapter); Part 68 (HAC), CE- EN55022 Class B,
EN55024, EN61000-3-2, EN61000-3-3, EN60950-1,
EN62479, RoHS, RCM- AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 4268





Net Price: 79.70 USD Unit: pcs

#### VoIP phone (Grandstream GRP2602)

Part of the GRP series of Carrier-Grade IP Phones, the GRP2602 is an essential 2-line model designed with zerotouch provisioning for mass deployment and easy management. It features a sleek design and a suite of nextgeneration features including Wi-Fi support (GRP2602W), 5-way voice conferencing to maximize productivity, integrated PoE (GRP2602P), full HD audio on both the speaker and handset to allow users to communicate with the utmost clarity, EHS support for Plantronics, Jabra, and Sennheiser headsets and multi-language support.

and seminieser neadsets and multi-language support.

Protocols/Standards: SIP RFC3261, TCP/IP/UDP,

RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV,

NAPTR), DHCP, PPPDE, TELNET, TFTP, NTP, STUN,

SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6

Networking Interfaces:Dual-switched 10/100Mbps port

Feature Keys: 2 line keys with dual-color LED and support for

4 SIP account, 4 XML programmable context sensitive soft

keys, 5 (navigation, menu) keys. 8 dedicated function keys

for-MESSAGE(with LED indicator), TRANSFER, HEADSET,

MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL

Telephony Features: Vold, transfer, forward, 3-way Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 2 angle position available



### #06040

Net Price: 63.00 USD Unit: pcs

#### VoIP phone (Grandstream GRP2604)

Part of the GRP series of Carrier-Grade IP Phones, the GRP2604 is an essential 3-line model designed with zerotouch provisioning for mass deployment and easy management. It features a sleek design and a suite of nextgeneration features including: 5-way voice conferencing to maximize productivity, integrated PoÉ (GRP2604P), full HD audio on both the speaker and handset to allow users to communicate with the utmost clarity, EHS support for Plantronics, Jabra, and Sennheiser headsets and multi-language support. The GRP series includes carrier-grade security features to provide enterprise-level security, including secure boot, dual firmware images and encrypted data storage. For cloud provisioning and centralized management, the GRP2604 is supported by Grandstream's Device Management System (GDMS), which provides a centralized interface to configure, provision, manage and monitor deployments of Grandstream endpoints. Built for the needs of on-site or remote desktop workers and designed for easy deployment by enterprises, service providers and other highvolume markets, the GRP2604 offers an easy-to-use and easy-to-deploy voice endpoint.

Protocols/Standards: SIP REC3261 TCP/IP/UDP Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6 Networking Interfaces:Dual-switched 10/100Mbps port Feature Keys: 2 line keys with dual-color LED and support for 4 SIP account, 4 XML programmable context sensitive soft keys, 5 (navigation, menu) keys. 8 dedicated function keys for- MESSAGE(with LED indicator), TRANSFER, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL MUTE, SEND/REDIAL, SPEARERPHONE, VOL+, VOL
Telephony Features: Hold, transfer, forward, 3-way
conference (via programmable key), call waiting, off-hook
auto dial, click-to-dial, flexible dial plan, personalized music
ringtones, server redundancy and fail-over
HD Audio: Yes, HD handset with support for wideband audio
Base Stand: Yes, 2 angle position available



#### #06039

Net Price: 63.00 USD Unit: pcs

#### VoIP phone (Grandstream GRP2604P)

Part of the GRP series of Carrier-Grade IP Phones, the GRP2604 is an essential 3-line model designed with zerotouch provisioning for mass deployment and easy management. It features a sleek design and a suite of nextgeneration features including: 5-way voice conferencing to maximize productivity, integrated PoÉ (GRP2604P), full HD audio on both the speaker and handset to allow users to communicate with the utmost clarity, EHS support for Plantronics, Jabra, and Sennheiser headsets and multi-language support. The GRP series includes carrier-grade security features to provide enterprise-level security, including secure boot, dual firmware images and encrypted data storage. For cloud provisioning and centralized management, the GRP2604 is supported by Grandstream's Device Management System (GDMS), which provides a centralized interface to configure, provision, manage and monitor deployments of Grandstream endpoints. Built for the needs of on-site or remote desktop workers and designed for easy deployment by enterprises, service providers and other highvolume markets, the GRP2604 offers an easy-to-use and easy-to-deploy voice endpoint.

Protocols/Standards; SIP RFC3261, TCP/IP/UDP Protocols/Standards: SIP RFC3261, TCP/IP/JUDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6 Networking Interfaces: Dual-switched 10/100Mbps port, PoE Feature Keys: 2 line keys with dual-color LED and support for 4 SIP account, 4 XML programmable context sensitive soft keys, 5 (navigation, menu) keys. 8 dedicated function keys for- MESSAGE(with LED indicator), TRANSFER, HEADSET, MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL MUTE, SEND/REDIAL, SPEARERPHONE, VOL.\*, VOL. Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 2 angle position available

#### #06008

Net Price: 72.20 USD Unit: pcs



### #06009

Net Price: 72.20 USD Unit: pcs

### #06010

Net Price: 97.80 USD Unit: pcs

### VoIP phone (Grandstream GRP2612)

The GRP2612 is a powerful 2-line carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. Built for the needs of desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2612 offers an easy-to-use and easy-to deploy voice

Protocols/Standards: SIP RFC3261, TCP/IP/UDP,
RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV,
NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN,
SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6
Networking Interfaces:Dual-switched 10/100Mbps port
Feature Keys: 2 SIP account, 4 line keys, 3-way
conferencing, 4 XML programmable context-sensitive soft

keys
Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a,
G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band
DTMF (in audio, RFC2833, SIP INFO
Telephony Features: Hold, transfer, forward, 3-way
conference (via programmable key), call waiting, off-hook
auto dial, click-to-dial, flexible dial plan, personalized music
ringtones, server redundancy and fail-over
HD Audio: Yes, HD handset with support for wideband audio
Raes Stand; Vas 2 angla position available.

Base Stand: Yes, 2 angle position available

### VoIP phone (Grandstream GRP2612P)

The GRP2612 is a powerful 2-line carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. Built for the needs of desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2612 offers an easy-to-use and easy-to deploy voice

Protocols/Standards: SIP RFC3261, TCP/IP/UDP,
RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV,
NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN,
SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6
Networking Interfaces:Dual-switched 10/100Mbps port PoE
Feature Keys: 2 SIP account, 4 line keys, 3-way
conferencing, 4 XML programmable context-sensitive soft

Keys Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a, G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 2 angle position available



### VoIP phone (Grandstream GRP2613)

The GRP2613 is a powerful 3-line carrier-grade IP phone designed with zero-touch provisioning for mass deployment and easy management. Built for the needs of desktop workers and designed for easy deployment by enterprises, service providers and other high-volume markets, the GRP2613 offers an easy-to-use and easy-to deploy voice

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPDE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLs, SRTP, IPV6 Networking Interfaces:Dual-switched 10/100/1000Mbps port

Feature Keys: 3 SIP account, 6 line keys, 3-way conferencing, 4 XML programmable context-sensitive soft

keys

Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a,
G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band

DTMF (in audio, RFC2833, SIP INFO

Telephony Features: Hold, transfer, forward, 3-way
conference (via programmable key), call waiting, off-hook
auto dial, click-to-dial, flexible dial plan, personalized music
ringtones, server redundancy and fail-over

HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 2 angle position available





VoIP phone (Grandstream GRP2614)

The GRP2614 features a sleek design and a suite of

support, dual Gigabit ports and more. The GRP series includes carrier-grade security features to provide

provides a centralized interface to configure, provision,

next-generation features including dual LCD screens with 40 virtual multi-purpose keys (VPKs), integrated WiFi, Bluetooth

enterprise-level security, including secure boot, dual firmware images and encrypted data storage. For cloud provisioning

and centralized management, the GRP2614 is supported by Grandstream's Device Management System (GDMS), which

manage and monitor deployments of Grandstream endpoints

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS(A record, SRV, NAPTR), DHCP, PPPDE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6 Networking Interfaces:Dual-switched 10/100/1000Mbps port

FoE Bluetooth: Yes, integrated Wi-Fi: Yes, integrated dual-band WiFi 802.11 a/b/g/n/ac (2.4Ghz & 5Ghz) Feature Keys: 4 SIP account, 4 line keys, 3-way conferencing, 4 XML programmable context-sensitive soft

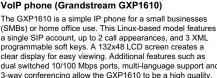
Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a, G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO

Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over
HD Audio: Yes, HD handset with support for wideband audio
Base Stand: Yes, 2 angle position available

#06011 Net Price: 172.00 USD

### Unit: pcs

#08964 Net Price: 43.60 USD Unit: pcs



Protocols/Standards: SIP RFC3261, TCP/IP/IUDP, RTP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPOE, TELNET, TFTP, NTP, STUN, TR DCC02011.

Networking Interfaces:Dual-switched 10/100Mbps port Feature Keys: 1 SIP account, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft

conferencing, 3 AMIL programmable Context-Science Science Keys
Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a, G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO
Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over
HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 1 angle position available



#08965

Net Price: 55.70 USD Unit: pcs

(SMBs) or home office use. This Linux-based model features a single SIP account, up to 2 call appearances, and 3 XML a single 31<sup>st</sup> account, up to 2cm appearances, and 5 Amit programmable soft keys. A 132x48 LCD screen creates a clear display for easy viewing. Additional features such as dual switched 10/100 Mbps ports, multi-language support and 3-way conferencing allow the GXP1610 to be a high quality, user-friendly and dependable office phone.

TR-069, 802.1x

#### VoIP phone (Grandstream GXP1625)

The GXP1620/1625 is Grandstream's standard IP phone for small businesses. This Linux-based, 2-line IP Phone includes 3-way conferencing to keep workers in-touch and productive. A 132x48 backlit LCD screen creates a clear display for easy viewing. Additional features such as dual-switched 10/100mbps ports, HD audio, multi-language support, integrated PoE (GXP1625 only) and 3 XML programmable soft keys allow the GXP1620/1625 to be a high quality, versatile and dependable office phone

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPOE, TELNET, TFTP, NTP, STUN, TR-069 802 1x

Networking Interfaces:Dual-switched 10/100Mbps port PoE Feature Keys: 2 SIP account, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft

Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a

Volice Code: Support for 7.25.1, G.729/RG, G.771p/a, G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over

HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 1 angle position available

#### #08966

Net Price: 73.70 USD Unit: pcs

#### VoIP phone (Grandstream GXP1628)

The GXP1628 is a powerful Gigabit IP phone designed for small businesses. This Linux-based, 2-line IP Phone model includes 8 BLF keys and 3-way conferencing to keep workers in-touch and productive. A 132x48 backlit LCD screen creates a clear display for easy viewing. Additional features such as dual HD audio, multi-language support, integrated PoE and 3 XML programmable allow the GXP1628 to be a high quality versatile and dependable office phone.

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, TR-069, 802.1x

Networking Interfaces:Dual-switched 10/100/1000Mbps port PoE

Feature Keys: 2 SIP account, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft

Voice Codec: Support for G.723.1, G.729A/B, G.711u/a G.726-32, G.722 (wide-band), il.BC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO

Theiphony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 1 angle position available



#### #08967

Net Price: 78.20 USD Unit: pcs

### VoIP phone (Grandstream GXP1630)

The GXP1630 is a powerful Gigabit IP phone designed for small businesses. This Linux-based, 3-line IP Phone model includes 8 BLF keys and 4-way conferencing to keep workers in-touch and productive. A 132x64 backlit LCD screen creates a clear display for easy viewing. Additional features such as dual HD audio, multi-language support, integrated PoE and 3 XML programmable allow the GXP1630 to be a high quality versatile and dependable office phone.

Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, TR-069, 802.1x

Networking Interfaces:Dual-switched 10/100/1000Mbps port

Feature Keys: 3 SIP account, 2 line keys, 3-way conferencing, 3 XML programmable context-sensitive soft

Voice Codec: Support for G.723.1, G.729A/B, G.711µ/a Volce Codec. Support for 1723.1, 37.29/kg, 37.71 pa, 6.726-32, G.722 (wide-band), il.BC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO Telephony Features: Hold, transfer, forward, 3-way

Telephony Features: Hold, transfer, forward, 3-way conference (via programmable key), call waiting, off-hook auto dial, click-to-dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over HD Audio: Yes, HD handset with support for wideband audio Base Stand: Yes, 1 angle position available



#### #08840

Net Price: 113.00 USD Unit: pcs

#### VoIP phone (Grandstream GXP2130 v2)

The Linux-based GXP2130 is a standard enterprise-grade IP phone that features up to 3 lines, 4 XML programmable soft keys, 8 programmable BLF extension keys, dual Gigabit network ports, and 4-way voice conferencing. A 2.8 inch color LCD screen and HD audio allow for a crisp display and high quality calls. The GXP2130 comes equipped with Electronic Hook Switch (EHS) support for Plantronics headsets to allow for flexibility. The phone also comes pre-loaded with weather and currency exchange apps. Ideal for SMBs, enterprises and SOHOs, the GXP2130 is the perfect choice for users looking for a high quality, feature rich IP phone with advanced functionality that is simple to use.

SIP Compliant and Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (rekord A, SRV, NAPTR), DHCP, PPPOE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6 Networking Interfaces:Dual 10/100/1000mbps Ethernet ports, DSE Plutebath. PoE. Bluetooth

Voice Codecs: G.729A/B, G.711µ/a-law, G.726, G.722 (szerokopasmowy), i iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)

Superb Audio Quality: Advanced Digital Signal Processing (DSP), Silence suppression, VAD, CNG, AGC high fidelity wideband audio (G.722). HD handset

Custom Ringtone Software: Convert most music files to a Grandstream ringtone Advanced Functionality: Multi-line support, multi-party

conferencing (5-way), multi-language support (MLS), headset enabled, expandable, intercom, AES encryption, etc. Cost-effective IP Solution: Small to Medium enterprise office IP Phone

Warranty: 24 months





Net Price: 113.00 USD Unit: pcs

#### VolP phone (Grandstream GXP2135)

The GXP2135 is the ideal selection for busy users who value rine GXP2135 is the ideal selection for busy users wito value call control, productivity and usability, and manage medium to heavy call volumes. Equipped with 8 lines and 4 SIP accounts, a 2.8 inch color LCD display, and 32 digital speed dial/BLF keys, the GXP2135 enables quick and powerful

As all Grandstream IP phones do, the GXP2135 features state-of-the-art security encryption technology (SRTP and TLS). The GXP2135 supports a variety of automated provisioning options, including zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files and TR-069, to make mass deployment extremely easy.

SIP Compliant and Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (rekord A, SRV, NAPTR), DHCP, PPPoE, TELNET, TTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802 1X, TLS, SRTP, IPv6 Networking Interfaces:Dual 10/100/1000mbps Ethernet ports, PoE. Bluetooth

PoE, Bluetooth

Voice Codecs: G.729A/B, G.711µ/a-law, G.726, G.722
(szerokopasmowy), i iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
Superb Audio Quality: Advanced Digital Signal Processing (DSP), Silence suppression, VAD, CNG, AGC high fidelity wideband audio (G.722). HD handset
Custom Ringtone Software: Convert most music files to a Grandstream ringtone
Advanced Functionality: Multi-line support, multi-party.

Advanced Functionality: Multi-line support, multi-party Advanced united and the conferencing (5-way), multi-language support (MLS), headset enabled, expandable, intercom, AES encryption, etc. Cost-effective IP Solution: Small to Medium enterprise office

Warranty: 24 months



#### #08839

Net Price: 129.00 USD Unit: pcs

#### VoIP phone (Grandstream GXP2140)

A versatile Enterprise IP phone, the GXP2140 is a Linux-based device that includes 4 lines, 5 XML programmable soft keys, and 5-way conferencing. A 4.3 inch color LCD screen and HD audio allow for a crisp display and high quality calls. The GXP2140 comes equipped with Bluetooth, USB and EHS capabilities for flexibility. The phone also comes pre-loaded with weather & currency exchange apps. Add up to 4 GXP2200EXT modules to view an additional 160 lines, and customize your language for global

SIP Compliant and Protocols: SIP RFC3261, TCP/IP/UDP RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (rekord A, SRV, NAPTR), DHCP, PPP0E, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6 Networking Interfaces:Dual 10/100/1000mbps Ethernet ports, PoE, Bluetooth

PoE, Bluetooth

Voice Codecs: G.729A/B, G.711µ/a-law, G.726, G.722
(szerokopasmowy), i il.BC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
Superb Audio Quality: Advanced Digital Signal Processing (DSP), Silence suppression, VAD, CNG, AGC high fidelity wideband audio (G.722). HD handset
Custom Ringtone Software: Convert most music files to a Grandstream ringtone.

Grandstream ringtone

Advanced Functionality: Multi-line support, multi-party conferencing (5-way), multi-language support (MLS), headset enabled, expandable, intercom, AES encryption, etc. Cost-effective IP Solution: Small to Medium enterprise office

Warranty: 24 months



#08841

Net Price: 149.00 USD Unit: pcs

#### VoIP phone (Grandstream GXP2160)

Our most powerful Enterprise IP Phone, the GXP2160 is a Linux-based device with 6 lines, 5 XML programmable soft keys, and 5-way conferencing. HD audio and a 4.3" color LCD screen create high quality calls, while the 24 BLF keys, Bluetooth, USB and EHS add versatility. The GXP2160 is perfect for Enterprise & SMB customers with the need for quality and versatility in their desktop communications.

SIP Compliant and Protocols: SIP RFC3261, TCP/IP/UDP. RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6 Networking Interfaces:Dual 10/100/1000mbps Ethernet ports, DEE Plintents. PoE, Bluetooth

Voice Codecs: G.729A/B, G.711µ/a-law, G.726, G.722 (szerokopasmowe), i iLBC, in-band i out-of-band DTMF (in audio, RFC2833, SIP INFO)

audio, RFC2833, SIP INFO)
Superb Audio Quality: Advanced Digital Signal Processing
(DSP), Silence suppression, VAD, CNG, AGC high fidelity
wideband audio (G.722). HD handset
Custom Ringtone Software: Convert most music files to a
Grandstream ringtone
Advanced Functionality: Multi-line support, multi-party
conferencing (G-way), multi-language support (MLS), headset
enabled, expandable, intercom, AES encryption, etc.
Cost-effective IP Solution: Small to Medium enterprise office
IP Phone IP Phone

Warranty: 24 months



#### #06007

Net Price: 149.00 USD Unit: pcs

#### VoIP phone (Grandstream GXP2170)

The GXP2170 is a powerful High-End IP phone that is ideal for busy users who handle high call volumes. Receptionists, administrators, sales staff and other call-intensive rolls can enjoy efficiency by utilizing the GXP2170's 12 line keys, 4.3 inch color display LCD and 48 digital, on-screen speed dial/BLF keys. Provide users with the fastest possible connection speeds thanks to the device's dual Gigabit. PoE network ports. Maximized call control, expandable spee dial/BLF capabilities and a sleek design makes this phone the ultimate high-volume experience

As all Grandstream IP phones do, the GXP2170 features state-of-the-art security encryption technology (SRTP and TLS). The GXP2170 supports a variety of automated provisioning options, including zero-configuration with Grandstream's UCM series IP PBXs, encrypted XML files and TR-069, to make mass deployment extremely easy.

SIP Compliant and Protocols: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6 Networking Interfaces:Dual 10/100/1000mbps Ethernet ports,

Networking Interfaces: Dual 10/100/1000mbps Ethernet por PoE, Bluetooth Voice Codecs: G.729A/B, G.711µ/a-law, G.726, G.722 (szerokopasmowe), i ILBC, in-band i out-of-band DTMF (in audio, RFC2833, SIP INFO) Superb Audio Quality: Advanced Digital Signal Processing (DSP), Silence suppression, VAD, CNG, AGC high fidelity wideband audio (G.722). HD handset Custom Ringtone Software: Convert most music files to a Grandstream tingtone.

Grandstream ringtone

Advanced Functionality: Multi-line support, multi-party conferencing (5-way), multi-language support (MLS), headset enabled, expandable, intercom, AES encryption, etc. Cost-effective IP Solution: Small to Medium enterprise office

IP Phone Warranty: 24 months



**Environmental Monitoring** 

1111 T. .... T. ....

#03113

Net Price: 305 00 USD Unit: pcs



#03865

Net Price: 302 00 USD Unit: pcs #03115

Net Price: 444 00 USD Unit: pcs

#### MINI Monitoring unit; 4x analog; 1 x CAN (Vutlan VT335t)

The unit is used for environmental monitoring (e.g. temperature, humidity, voltage, leakage, smoke, airflow). It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, and alarms). Can connect 150 physical sensors. Can use up to 1000 elements - notifications, triggers, timers, logic schemes, sensors, and dry contacts. Has a built-in Web interface with virtual sensors, logic schemes, different types of notifications, and control panels. Has a slot for #03105 VT740 LTE slot modem (sold separately) for an ethernet connection reservation. Has two power inputs for power reservation (i.e. battery plus main power supply).

REMOTE CONTROL
IP monitoring: Web, SNMP, SMS (LTE modem art. VT740 is ordered separately!)
Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT

Interface: Access via any Internet browser.

LAN: Ethernet 10/100Mbit
Network protocols: DHCP; HTTP; HTTPS; DynDNS; SNMP
v1, v2c, v3; SMTP; FTP; Syslog; TLS; RADIUS; OpenVPN;
SSL; NTP

OS: Linux v.6.2 Processor: 720 MHz RAM: 128MB

RAM: 128MB
Software: Built-in software for events processing.
Alert type: E-mail, FTP log, Syslog, SMTP, SNMP Traps,
SMS (LTE modem VT740 is ordered separately!),
Web-to-SMS
A maximum number of "mail to" recipients: 20
A maximum number of "SMS to" recipients in an SMS
notification: 20
Pings: Built-in ping
LEPS: LINK CAN ACT E1 E2 ERROR

LEDs: LINK, CAN, ACT, E1, E2, ERROR Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer

POWER

POWER
Power req: 2x12V DC
Power req: 2x12V DC
Power reservation: 12V, built-in voltage monitor
INLETS/OUTLETS
Ethernet: 10/100Mbit
Micro USB AB: USB 2.0 micro

Analog port: 4x6P4C for connecting any analog sensor. CAN BUS: 1 x 6P6C for connecting up to 32 CAN sensors (over 12 sensors, regeneration of the signal is required using the CAN # 03880 power module). Fuse protection on each

line.
Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm Beacon (#08264) or VT105 (#08344)
Dry contact inputs: 4 x dry contacts input EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb) FEATURES

Installation: desktop (19" cabinet with VT122t)
Dimensions: (WxHxD) 180mm × 35mm × 80mm

Dimensions: (WxHxL)) 180mm × 35mm × 80mm
Net weight: 0.7 kg
Working temperature: Min. -10° C - Max. 80° C
Supply includes: Monitoring unit, 12VDC power supply, RJ45
cord, Micro USB cable adapter, plug 1x6P,3.5mm, plug
1x3P,3.81mm, plug 1x2P,3.81mm, manual, warranty, 4

self-adhesive rubber legs, plugs. Warranty: 3 years

## MINI Monitoring unit; 4x analog; 1 x CAN 48V DC (Vutlan VT335 S DC)

The control unit of the Vutlan environmental parameters monitoring system.

The device is equipped with four ports for analog sensors, one CAN digital port, four potential-free contacts, two alarm signaling contacts, built-in temperature sensor and allows to connect a USB camera, 48V DC version.

It can be additionally equipped with LTE module #08318

REMOTE CONTROL IP monitoring: Web, SNMP, SMTP Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT

Interface: Access via any Internet browser.
LAN: Ethernet 10/100Mbit
Network protocols: Bull:in HTTP server, SNMP agent, SMTP
agent, manageable logic. Uses FTP link for updating current

software version.
Processor: ARM926-300 MHz
OS: Linux 2.6.38

RAM: 64Mb ROM: 512 Mbit NAND Flash

Software: Built-in software for events processing.
Alert type: FTP, syslog, SMTP or SNMP
Pings: Built-in ping
LEDs: power, network, alarms;
Clock: Built-in clock with time synchronization
Watchdog: Built-in watchdog timer

POWER

POWER
Power input: 48V DC
Power consumption: 6W
Power reservation: 12V, built-in voltage monitor

INPUTS/OUTPUTS Ethernet: 100Mbit Mini USB AB: USB 2.0 HS

Analog port: 4x 6p4c for connection of any analog sensor. CAN port: 1x6p6c (max 12 CAN sensors)

Dry contacts: 4x 12V outlets: 2x 0.25A

12V outlets: 2X U.29A FEATURES Installation: Desktop or 19" (with #082222 19" holder / bracket for VT335 S monitoring unit - ordered separately) Dimensions: (LxHxW)206 x 33.1 x 79.4 mm Net weight: 1,2 kg

Warranty: 3 years

## Monitoring unit 19" 1U; 8x analog; 1x CAN; 16x dry contact inputs (Vutlan VT825t)

The unit is used for environmental monitoring (e.g. temperature, humidity, voltage, leakage, smoke, airflow). It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, alarms). Can use up to 1000 different elements - notifications, triggers, timers, logic schemes, sensors, dry contacts. Has built-in Web interface with virtual sensors, logic schemes, different types of notification, and control panels

1 power inlet (VT825t) or 2 power inlets (VT825tt), providing a redundant power supply for A&B power distribution

REMOTE CONTROL

REMOTE CONTROL
IP monitoring: Web, SNMP, SMS (LTE modem art. VT740 is ordered separately!)
Sensors control: Administrative 3-level control of sensors

using login INTERFACE & PROTOCOL SUPPORT

Interface: Access via any Internet browser.

LAN: Ethernet 10/100Mbit

Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN

OS: Linux 6.2 Processor: Cortex A7 720MHz Total CPU cores: 2

**RAM: 128MB** 

KAM: 128MB Software: Built-in software for events processing. Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem #03105 is ordered separately) A maximum number of "mail to" recipients: 20 A maximum number of "SMS to" recipients in an SMS

notification: 20

Pings: Built-in ping LEDs:CAN, ACT, E1, E2, Error, Relays R1 and R2

Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer The maximum amount of sensors: 130

The maximum amount of elements: 1000

USB cameras: x1 IP cameras: x4 POWER

Power req: 90-240V, IEC C14, Fuse 1A or DC (24V/48V) Power consumption: 10W Power reservation: 12V, built-in voltage monitor

INLETS/OUTLETS Ethernet: 100Mbit USB: USB 2.0 Type A

USB: USB 2.0 Type A
Mini USB AB: USB 2.0 HS
Analog port: 8x6P4C for connecting any analog sensor.
CAN BUS: 1 x 6P6C for connecting up to 32 CAN sensors
(over 12 sensors, regeneration of the signal is required using
the CAN # 03880 power module). Fuse protection on each

line.
Relay outputs: 2 ports
Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm
Beacon (#08264) or VT105 (#08344)
Dry contact inputs: 16 x dry contacts input
EXTERNAL MEMORY
Micro SD card: Micro SD card slot (SDXC up to 512 Gb-saving logs, record video, run software, databases and scripts)
FEATURES
Installation: 19" cabinet or desktop

Installation: 19" cabinet or desktop
Dimensions: (WxHxD) 440mm × 44mm × 90mm
Net weight: 1.5 kg
Working temperature: Min. -10° C - Max. 80° C
Supply includes: Monitoring unit, power cable 240V, RJ45
cord, manual, warranty, 4 self-adhesive rubber legs, plugs,
10" mounting profes.

19" mounting angles. Warranty: 3 years



Net Price: 517.00 USD Unit: pcs





#03117

Net Price: 585.00 USD Unit: pcs

NEW



#03118

Net Price: 656.00 USD Unit: pcs

## Monitoring unit 19" 1U; 8x analog; 1x CAN; 16x dry contact inputs (Vutlan VT825tt)

The unit is used for environmental monitoring (e.g. temperature, humidity, voltage, leakage, smoke, airflow). It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, alarms). Can use up to 1000 different elements - notifications, triggers, timers, logic schemes, sensors, dry contacts. Has built-in Web interface with virtual sensors, logic schemes, different types of notification, and control panels.

#### Order options:

1 power inlet (VT825t) or 2 power inlets (VT825tt), providing a redundant power supply for A&B power distribution.

REMOTE CONTROL IP monitoring: Web, SNMP, SMS (LTE modem art. VT740 is ordered separately!)

Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT

INTERFACE & PROTOCOL SUPPORT
Interface: Access via any Internet browser.
LAN: Ethernet 10/100Mbit
Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN
OS: Linux 6:2
Processor: 720MHz
Total CPU cores: 2
PAM: 428MB

RAM: 128MB

RAM: 128MB
Software: Built-in software for events processing.
Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem #03105 is ordered separately)
A maximum number of "mail to" recipients: 20
A maximum number of "SMS to" recipients in an SMS notification: 20
Place: Built in place

Pings: Built-in ping

LEDs:CAN, ACT, E1, E2, Error, Relays R1 and R2 Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer

The maximum amount of sensors: 130
The maximum amount of elements: 1000

USB cameras: x1 IP cameras: x4

POWER POWER
Power req: 2x IEC C14 90-240V 1A fuse or 2x DC (24V/48V) or 1x AC + 1x DC
Power consumption: 10W
Power reservation: 12V, built-in voltage monitor
INLETS/OUTLETS

INLETS/OUTLETS
Ethernet: 100Mbit
USB: USB 2.0 Type A
Mini USB AB: USB 2.0 HS
Analog port: 8x6P4C for connecting any analog sensor.
CAN BUS: 1 x 6P6C for connecting up to 32 CAN sensors
(over 12 sensors, regeneration of the signal is required using the CAN # 03880 power module). Fuse protection on each line.

Relay outputs: 2 ports
Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm
Beacon (#08264) or VT105 (#08344)
Dry contact inputs: 16 x dry contacts input
EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb - saving logs, record video, run software, databases and scripts)
FEATURES
Installation: 19" cabinet or desktop

Installation: 19 capinet of desktop
Dimensions: (WxHxD) 440mm × 44mm × 90mm
Net weight: 1.5 kg
Working temperature: Min. -10° C - Max. 80° C
Supply includes: Monitoring unit, power cable 240V, RJ45
cord, manual, warranty, 4 self-adhesive rubber legs, plugs, 19" mounting angles.

Warranty: 3 years

## Monitoring unit 19" 1U; 8x analog; 1x CAN; 32x dry contact inputs (Vutlan VT855t)

VT855t / Data Center Monitoring System is used for environmental monitoring (e.g. temperature, humidity, voltage, leakage, smoke, airflow). It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, and alarms). Can use up to 1000 different elements - notifications, triggers, timers, logic schemes, sensors, dry contacts. Has a built-in Web interface with virtual sensors, logic schemes, different types of notifications, and control panels.

Order options: 1 power inlet (VT825t) or 2 power inlets (VT825tt), providing a redundant power supply for A&B power distribution.

REMOTE CONTROL

IP monitoring: Web, SNMP, SMS (LTE modem art. VT740 is ordered separately!)
Sensors control: Administrative 3-level control of sensors

using login INTERFACE & PROTOCOL SUPPORT

INTERFACE & PROTOCOL SUPPORT Interface: Access via any Internet browser. LAN: Ethernet 10/100Mbit Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN OS: Linux 6.2 Processor: Cortex A7 1GHz Total CPU cores: 2 RAM: 128MB

Software: Built-in software for events processing.

Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem

#03105 is ordered separately)
A maximum number of "mail to" recipients: 20
A maximum number of "SMS to" recipients in an SMS

notification: 20

notification: 20
Pings: Built-in ping
LEDs:CAN, ACT, E1, E2, Error, Relays R1 and R2
Clock: Built-in clock with time synchronization
Watchdog: Built-in watchdog timer
The maximum amount of sensors: 150

The maximum amount of elements: 1000

USB cameras: x1 IP cameras: x4 POWER

Power req: 90-240V, IEC C14, Fuse 1A or DC (24V/48V)
Power consumption: 10W
Power reservation: 12V, built-in voltage monitor

Power reservation: 12V, built-in voltage monitor INLETS/OUTLETS Ethernet: 100Mbit USB: USB 2.0 Type A Mini USB AB: USB 2.0 HS Analog port: 8x6P4C for connecting any analog sensor. CAN BUS: 2 x 6P6C for connecting up to 32 CAN sensors (over 12 sensors, regeneration of the signal is required using the CAN # 03880 power module). Fuse protection on each line

Relay outputs: 2 ports Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm Beacon (#08264) or VT105 (#08344)

Dry contact inputs: 32 x dry contacts input + 8 x dry contacts

output EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb-saving logs, record video, run software, databases and

scripts) FEATURES

FEATURES
Installation: 19" cabinet or desktop
Dimensions: (WxHxD) 440mm × 44mm × 90mm
Net weight: 1.5 kg
Working temperature: Min. -10° C - Max. 80° C
Supply includes: Monitoring unit, power cable 240V, RJ45
cord, manual, warranty, 4 self-adhesive rubber legs, plugs,
12" mounting angles 19" mounting angles. Warranty: 3 years

## Monitoring unit 19" 1U; 8x analog; 2x CAN; 32x dry contact inputs (Vutlan VT855tt)

VT855tt / Data Center Monitoring System is used for environmental monitoring (e.g. temperature, humidity, voltage, leakage, smoke, airflow). It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, and alarms). Can use up to 1000 different elements - notifications, triggers, timers, logic schemes, sensors, dry contacts. Has a built-in Web interface with virtual sensors, logic schemes, different types of notifications, and control panels.

Order options: 1 power inlet (VT855t) or 2 power inlets (VT855tt), providing a redundant power supply for A&B power distribution.

REMOTE CONTROL

IP monitoring: Web, SNMP, SMS (LTE modem art. VT740 is ordered separately!)
Sensors control: Administrative 3-level control of sensors

using login INTERFACE & PROTOCOL SUPPORT

Interface: Access via any Internet browser.

LAN: Ethernet 10/100Mbit
Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1,
v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN
OS: Linux 6.2

Processor: Cortex A7 1GHz Total CPU cores: 2 RAM: 128MB

RAM: 128MB Software: Built-in software for events processing. Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem #03105 is ordered separately) A maximum number of "mail to" recipients: 20 A maximum number of "SMS to" recipients in an SMS

notification: 20

notification: 20
Pings: Built-in ping
LEDs:CAN, ACT, E1, E2, Error, Relays R1 and R2
Clock: Built-in clock with time synchronization
Watchdog: Built-in watchdog timer
The maximum amount of sensors: 150

The maximum amount of elements: 1000 USB cameras: x1 IP cameras: x4 POWER

Power reg: 2x IEC C14 90-240V 1A fuse or 2x DC (24V/48V) or 1x AC + 1x DC
Power consumption: 10W

Power reservation: 12V, built-in voltage monitor INLETS/OUTLETS Ethernet: 100Mbit

Linemet: 100Mbit USB: USB 2.0 Type A Mini USB AB: USB 2.0 HS Analog port: 8x6P4C for connecting any analog sensor. CAN BUS: 2 x 6P6C for connecting up to 32 CAN sensors (over 12 sensors, regeneration of the signal is required using the CAN # 03880 power module). Fuse protection on each

Relay outputs: 2 ports
Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm
Beacon (#08264) or VT105 (#08344)
Dry contact inputs: 32 x dry contacts input + 8 x dry contacts

EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb-saving logs, record video, run software, databases and

Saving logs, record 1935, 1935 FEATURES Installation: 19" cabinet or desktop Dimensions: (WxHxD) 440mm × 44mm × 90mm

Dimensions: (WXTXD) 440mm × 44mm × 90mm Net weight: 1.5 kg Working temperature: Min. -10° C - Max. 80° C Supply includes: Monitoring unit, power cable 240V, RJ45 cord, manual, warranty, 4 self-adhesive rubber legs, plugs, 19" mounting angles.

Warranty: 3 years



Net Price: 434.00 USD Unit: pcs



NEW

#03123

Net Price: 559.00 USD Unit: pcs



#03112 Net Price: 244.00 USD Unit: pcs

## Power distribution unit 2x analog, 1xCAN, 4x 230V (Vutlan VT604t)

The control unit supports 4 controlled 230V power sockets, 2 analog sensors, 2 potential-free sockets, 2 12V sockets and a LTE modem.

It allows remote switching on/off or restart for up to 4 connected devices.

REMOTE CONTROL IP monitoring: Web, SNMP, manual SMS (GSM modem art. VT740 #03105 is ordered separately!) Sensors control: Administrative 3-level control of sensors

Sensors control. Administrative 3-level control of sensors using login INTERFACE & PROTOCOL SUPPORT Interface: Access via any Internet browser. LAN: Ethernet 10/100Mbit Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN OS: Linux 6.2

OS: Linux 6.2

Processor: dual-core CortexTM-A7 720 MHz / 128 MB

Software: Built-in software for events processing.

Alert type: FTP, syslog, SMTP or SMMP, SMS (LTE modem art. VT740 #03108 is ordered separately!)

Pings: Built-in ping

LEDs: STATUS, E1, E2, ERR, 4x OUTLET

Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer

POWER

Power input: IEC C13 240V x 16A. Fuse protection. Power output: 4x C13 240V

Power consumption: 10W INPUTS/OUTPUTS Ethernet: 100Mbit Mini USB AB: USB 2.0 HS

Analog port: 2x 6P4C for connection of any analog sensor. CAN BUS: 1 x 6P6C for connection of up to 32 CAN sensors on each BUS.

Relay outputs: 4x C13 230V/10A power sockets
Built-in sensors: Temperature sensor (1%), Power supply
voltage sensor (1%)

Dry contacts input: x2 12V outlets: 2x 0.25A EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb saving logs, record video, run software, databases and

scripts) FEATURES

Dimensions: (LxHxW) 440 x 44.45 (1U) x 79 mm

Operating characteristics: Humidity - Min. 5% - Max. 95%

(Non-Condensing), Temperature - Min. -10° C - Max.80° C

Net weight: 1,5 kg

Supply includes: EU Schuko C12 0.75 м м

Supply includes: EU Schuko C12 0.75 мм2 230V 10A cable, IEC C13 Socket to IEC C14 Plug Power Cord, Self-adhesive rubber foot 4 pcs, Warranty card, Short description and connection guide, Patch cable RJ-45 1m, Terminal plug 3 pins 3.5mm 1pcs, Terminal plug 3 pins 3.81mm 1pcs, Terminal plug 2 pins 3.81mm 1pc, 19" mounting brackets 2pcs, Screws 6pcs M3 8mm Warranty: 3 years

## Power distribution unit 2x analog, 1xCAN, 8x 230V (Vutlan VT608t)

The control unit supports 8 controlled 230V power sockets, 2 analog sensors, 2 potential-free sockets, 2 12V sockets and a LTE modem.

It allows remote switching on/off or restart for up to 8 connected devices.

REMOTE CONTROL IP monitoring: Web, SNMP, manual SMS (GSM modem art. VT740 #03105 is ordered separately!) Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT
Interface: Access via any Internet browser.
LAN: Ethernet 10/100Mbit

Network protocols: HTTP; HTTPS; DynDNS; SSL; SNMP v1, v2c, v3; SMTP; FTP; Syslog; RADIUS; OpenVPN

OS: Linux 6.2

Processor: dual-core CortexTM-A7 720 MHz / 128 MB

, rocessor, quar-core Cortex I M-A7 720 MHz / 128 MB Software: Built-in software for events processing. Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem art. VT740 #03108 is ordered separately!) Pings: Built-in ping

Pings: Built-in ping LEDs: STATUS, E1, E2, ERR, 4x OUTLET

Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer

POWER

Power input: IEC C20 240V x 16A. Fuse protection. Power output: 8x C13 240V

rower output: 8x C13 240V
Power consumption: 10W
INPUTS/OUTPUTS
Ethernet: 100Mbit
Mini USB AB: USB 2.0 HS
Analog port: 2x 6P4C for connection of any analog sensor.
CAN BUS: 1 x 6P6C for connection of up to 32 CAN sensors on each BUS.
Relaw outputs: 8x C13 230V/40A power confects.

Relay outputs: 8x C13 230V/10A power sockets

Built-in sensors: Temperature sensor (1%), Power supply voltage sensor (1%)

Dry contacts input: x2 12V outlets: 2x 0.25A EXTERNAL MEMORY

Micro SD card: Micro SD card slot (SDXC up to 512 Gb saving logs, record video, run software, databases and

scripts) FEATURES

Installation: 19" cabinet
Dimensions: (LxHxW) 440 x 44.45 (1U) x 79 mm
Operating characteristics: Humidity - Min. 5% - Max. 95%
(Non-Condensing), Temperature - Min. -10° C - Max.80° C
Net weight: 1,5 kg
Supply includes: EU Schuko C20 0.75 мм2

Supply Includes: EU Scruko C20 U.7.9 мм2
230V 10A cable, 2x IEC C13 Socket to IEC C14 Plug Power
Cord, Self-adhesive rubber foot 4 pcs, Warranty card, Short
description and connection guide, Patch cable RJ-45 1m,
Terminal plug 3 pins 3.5mm 1pcs, Terminal plug 3 pins
3.81mm 1pcs, Terminal plug 2 pins 3.81mm 1pc, 19"
mounting brackets 2pcs, Screws 6pcs M3 8mm Warranty: 3 years

#### Room monitoring unit; 4x analog; 1 x CAN (Vutlan VT325t)

Low-cost remote environmental monitoring unit for small IT rooms. Can monitor temperature, humidity, voltage, leakage, smoke, airflow, and other parameters. It is also used as an I/O controller (e.g. door control, fans, generator, control panels, UPS, circuit breakers, and alarms). Can signal an alarm, activate a siren, send an e-mail notification, or send an SNMP Trap. Can monitor up to 100 physical sensors. Can use up to 700 different elements - notifications, triggers, timers, logic schemes, sensors, and dry contacts. Has a built-in Web interface with virtual sensors, logic schemes, different types of notifications, and control panels. There are built-in servers and agents like HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog, FTP, DHCP, and OpenVPN client.

REMOTE CONTROL

IP monitoring: Web,SNMP Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT
Interface: Access via any Internet browser.
LAN: Ethernet 10/100Mbit
Network protocols:DHCP; HTTP; HTTPS; DynDNS; SNMP
v1, v2c, v3; SMTP; FTP; Syslog; TLS; RADIUS; SSL; NTP
and OpenVPN client
OS: Linux v.6.2
Processor: 600 mHz
RAM: 128 Mb
Software: Built-in software for events processing.

Software: Built-in software for events processing.

Software: Built-in software for events processing. Pings: Built-in ping LEDs:LINK, CAN, ACT, E1, E2, ERROR, ALARM Clock: Built-in clock with time synchronization Watchdog: Built-in watchdog timer Maximum number of sensors: 70

Maximum number of elements: 700

POWER

Power req: 1x 12V DC

Power consumption: 6 W
INLETS/OUTLETS
Ethernet: 100Mbit
Micro USB AB: USB 2.0 micro
Analog port: 4x6P4C for connecting any analog sensor.
CAN BUS: -1x6P6C for connection of max 10 CAN. Fuse

protection on each line.

Alarm relay: 2 x 12V 0.25A alarm port for VT103 Alarm Beacon (#08264) or VT105 (#08344) Dry contact inputs: 2x digital inputs

EXTERNAL MEMORY
Micro SD card: micro SD (SDXC do 64 Gb)

FEATURES

FEATURES
Installation: desktop
Dimensions: (WxHxD) 150mm x 29mm x 100mm
Net weight: 0,5 kg
Working temperature: Min. -10° C - Max. 80° C
Supply includes: Monitoring unit, 12VDC power supply, RJ-45
Im patch cable, manual, warranty, plugs, 4 self-adhesive

rubber legs. Warranty: 3 years





#08377 Net Price: 361.00 USD

# Unit: pcs

#### #08244

Net Price: 36.30 USD Unit: pcs



#08245

Net Price: 34.10 USD Unit: pcs

## Power distribution unit 2x analog, 1xCAN, 4x 230V (Vutlan VT604)

The control unit supports 4 controlled 230V power sockets, 2 analog sensors, 2 potential-free sockets, 2 12V sockets and a LTE modem.

It allows remote switching on/off or restart for up to 4 connected devices.

REMOTE CONTROL IP monitoring: Web, SNMP, manual SMS (GSM modem art. VT760 #08318 is ordered separately!) Sensors control: Administrative 3-level control of sensors

using login
INTERFACE & PROTOCOL SUPPORT
Interface: Access via any Internet browser.
LAN: Ethernet 10/100Mbit

Network protocols: Built-in HTTP server, SNMP agent, SMTP agent, manageable logic. Uses FTP link for updating current software version.

software version.
OS: Linux 2.6.38
Processor: ARM926-300 MHz / 64 MB
Processor: ARM926-300 MHz / 64 MB
Software: Built-in software for events processing.
Alert type: FTP, syslog, SMTP or SNMP, SMS (LTE modem art. VT760 #08318 is ordered separately!)
Pings: Built-in ping
LEDs: STATUS, E1, E2, ERR, 4x OUTLET
Clock: Built-in clock with time synchronization
Watchdog: Built-in watchdog timer
POWER

POWER Power input: IEC C14 240V x 10A. Fuse protection.

Power output: 4x C13 240V Power consumption: 10W INPUTS/OUTPUTS Ethernet: 100Mbit Mini USB AB: USB 2.0 HS

Analog port: 2x 6P4C for connection of any analog sensor. CAN BUS: 1 x 6P6C for connection of up to 8 CAN sensors

on each BUS.

on each BUS.
Relay outputs: 4x C13 230V/10A power sockets
Built-in sensors: Temperature sensor (1%), Power supply
voltage sensor (1%)
Dry contacts input: x2
12V outlets: 2x 0.25A

FEATURES

Dimensions: (LxHxW) 440 x 44.45 (1U) x 79 mm

Operating characteristics: Humidity - Min. 5% - Max. 95% (Non-Condensing), Temperature - Min. -10° C - Max.80° C Net weight: 1,5 kg

Supply includes: Cable EU Schuko C13 0.5mm2 230V 10A,

Self-adhesive rubber foot 4 pcs, Warranty card, Short description and connection guide, Patch cable RJ-45 1m, Terminal plug 3 pins 3.5mm 1pcs, Terminal plug 2 pins 3.81mm 1pc, 19" mounting brackets 2pcs, Screws 6pcs M3

8mm Warranty: 3 years

### AC voltage monitor (Vutlan VT520)

The sensor is made for measurement of 220-230V standard power supply or any other power sources in e.g. an outlet, on an extension cord or in a rack-mountable socket strip.

Connection: Plug 220V is put into the outlet necessary for measurement of 220V. Cable's USB connector must be connected to the USB output, connector RJ-11 must be connected to the cost output, connected Ro-11 must connected to an analog input of any system unit.

Determination of sensor's type and connection occur automatically.

Set includes: Sensor and USB RJ-11 patch cable (1.8 m).

Voltage measured: 90-250V Accuracy of measurement: 2% Max. distance m: 100m Net weight: 125g Dimensions (LHW): 63×66×40mm

#### Access sensor (Vutlan VT530)

The sensor made for checking whether the doors and windows have not been opened / closed.

Installation: Using patch-cable RJ-11 the sensor is connected to an analog input of any system unit. Determination of sensor's type and connection occur automatically. One of devices in the kit, for example, magnet, is mounted on a door; the second device is mounted on a jamb of a door. At opening a door contact is disconnected, and system of monitoring receives notification on opening. The first sensor is connected using patch-cable RJ-11 to an analog input of the connected using patch-capie R3-11 to an anialog input of the system unit, the consequent sensor is connected via patch-cable RJ-11 to an output of the first sensor and so on. Set includes: Contact sensor, magnet, 4-wired patch cable RJ-11 (2m), two screws 4.8×16mm, 2 screws M5 and 2 nuts, bracket, double sided sticker.

Max. distance: 150m

Net weight:106g
Dimensions (LHW): Two compact devices with dimensions 60×18×18mm

#### #08154

Net Price: 95.60 USD Unit: pcs

#### #03108

Net Price: 46.10 USD Unit: pcs

#### #08239

Net Price: 43.70 USD Unit: pcs

#### DC voltage monitor (Vutlan VT410)

DC monitor is used for the measurement of DC voltage up to 75V and converting data into the format of the IP monitoring system. The system interface allows you to assign the sensor and to introduce the function data conversion.

Voltage measured: 0-75V Accuracy of measurement: 1% Max. distance m: 50m Net weight: 100g Dimensions (LHW): 60×18×18 mm

### DIN AC voltage monitor (Vutlan VT520DIN)

The sensor is used for the measurement of 0-246V. AC. It has a very high 1% accuracy. It can be used with any Vutlan monitoring system. DIN rail 35mm mounting.

Voltage measured: 0-246V AC Accuracy of measurement: 1% Max. distance m: 100m Net weight: 125g Dimensions (HxWxD): 90.2×36.3×57.5mm

### Humidity sensor 5% (Vutlan VT510)

The sensor is made for measurement of relative humidity 10-95% indoors with a relative accuracy of 5%.

Technical specifications

Technical specifications
Measured humidity range: 10-95% RH
Accuracy: 5%RH
Working temperature: -10 .. +80°C
Features
Installation: On the bottom there is a ledge with Ø4.5mm and height 1mm and a Ø5mm mounting hole fpr mounting the

height iffinitiation a Boston Sensor.

5mm from it for fastening the sensor using 4.8×16 mm screw.

Connection: Humidity sensor contains RJ-11 jack and is connected to an analog input of any system unit.

Determination of type of sensor and connection occur

automatically.
Supply includes: Sensor, 4-wired patch cable RJ11 (2m), 4.8×16mm screw, double sided sticker.

Net weight:60g Dimensions: 60×18×18mm Max distance: 150m





Net Price: 39.00 USD Unit: pcs



#### #08243

Net Price: 33.90 USD Unit: pcs

#### #03111

Net Price: 56.10 USD Unit: pcs

#### Motion detector (Vutlan VT570)

Sensor made for movement detection via infra-red.

Technical specifications PIR detection angle: 110° Max. detection distance: 50 m Features Installation: On the bottom there is a mounting slot for fastening the sensor with a plastic bracket. fastening the sensor with a plastic bracket. Connection: Motion sensor contains RJ-11 jack and is connected to an analog input of any system unit. Determination of sensor's type and connection occur automatically. To adjust sensitivity, read manual. To change cable connection, open the cover and read manual. Dimensions (LxHxW):105×57×40mm Net weight:133g Supply includes: Sensor, cable RJ11 2m, 4.8×16mm screw, 2-pin terminal strip type TBW-5-2p, double sided sticker.

#### Outdoor temperature sensor (Vutlan VT501)

The sensor made for measurement of temperature outside of buildings, can also be used indoors.

Technical specifications Operating temperature: -50...+105°C Accuracy: 3°C Max. distance: 100m

Features Installation: An all-weather 2-pair UTP cable of 15m emerges from the cylinder. After installation of cylinder outside of a building, the cable must be placed to reach the system unit. Connection: After installation RJ-11 connector is connected to an analog input of any system unit. Determination of type of sensor and connection occur automatically.

Supply includes: 4-wired cable RJ11 (15m) with sensor head Net weight:340g
Dimensions (LHW): Device has a shape of a Ø7×23mm

#### Radar motion sensor (Vutlan VT572)

A microwave radar high-performance sensor is used for the detection of objects or human movement. This product is an indoor energy-saving high-sensitivity detector.

The scanned signal can penetrate plastic, glass, ceiling wooden door, and thin walls.

Technical specifications PIR detection angle: 120° Sensing distance: maximum is 12 meters Frequency Range: 5.725GHz-5.875GHz Max. detection distance: 100 m

Features
Installation: On the bottom there is a mounting slot for Installation: On the bottom liter is a mounting slot for fastening the sensor with a plastic bracket.

Connection: Motion sensor contains RJ-11 jack and is connected to an analog input of any system unit.

Determination of sensor's type and connection occur automatically. To adjust sensitivity, read manual. To change cable connection, open the cover and read manual.

Supply includes: Sensor, cable RJ11 2m, holder



Net Price: 41.20 USD Unit: pcs



#### #03110

Net Price: 42.90 USD Unit: pcs



Features

#### #08242

Net Price: 20.70 USD Unit: pcs

#### Smoke sensor (Vutlan VT560)

The sensor monitors occurrence of smoke

Technical specifications Sensitivity:0,05 - 0,2 db/m Features

all million

Installation: On the bottom there are Ø5mm mounting holes

Installation: On the bottom little are by 3-mm mounting noise for fastening the smoke sensor to the surface by 4.8×20mm screws or/and bracket and M4 screws.

Connection: Detector's jack RJ-11 is connected to an analog input of any system unit using patch-cable RJ-11.

Determination of the sensor's type and connection occur automatically. The monitoring system allows to connect several smoke detectors into a linear circuit. For this purpose several smoke detectors into a linear circuit. For finis purpose each detector has two jacks RJ-11 input and output. The first is connected to an analog input of the system unit using a patch-cable RJ-11, the consequent is connected via patch-cable RJ-11 to an output of the first detector and so on. as one sensor with one address.

Supply includes: Detector, 4-wired cable RJ11 (2m), 2 screws and 2 nuts M4, 2 screws 4.8×20mm, bracket, double sided

Net weight:290g Dimensions (LHW): Ø100×45 Max distance: 150m



#### Spot leak sensor (Vutlan VT593)

The sensor is used for level monitoring of conductive liquids in containers, pits, cellars, etc. Or it is used for leakage detection. The sensor has two stainless steel poles. The detector is encapsulated in plastic housing for conductive liquids. Can be placed near plumbing, trays, raised floors, under equipment, sinks, aquariums, sump pumps, refrigerators, dishwashers, toilets, basements, washing machines, water heaters, and garages.

Technical specifications Temperature range: -10... +80°C Max. distance: 100 m Connection: Connector RJ12 is connected to an analog input of any system unit. Determination of sensor's type and connection occur automatically. Set includes: Sensor, adapter, 4-wired cable RJ-12 (2m)

Net weight: 60g Dimensions (LHW):60×18×18mm

#### Temperature sensor (Vutlan VT500)

The sensor is made for measurement of temperature indoors. Measuring range: -10  $\div$  80  $^{\circ}\text{C}$ 

Technical specifications Operating temperature: -10 ÷ 80°C Accuracy: 1°C

Installation: On the bottom there is a ledge with Ø4.5mm and height 1mm and a Ø5mm mounting hole for fastening the

sensor using a 4.8×16 mm screw.
Connection: Temperature sensor contains RJ-11 jack and is connected to an analog input of a system unit. Determination of type of sensor and connection occur automatically Supply includes: Sensor, 4-wired patch cable RJ11 (2m), 4.8×16mm screw, double sided sticker.

Net weight:50g Dimensions (LHW): 60×18×18mm Max distance: 100m

### #08391

Net Price: .50 USD Unit: pcs



### #08249

Net Price: 36.30 USD Unit: pcs



#### #08236

Net Price: 63.40 USD Unit: pcs

### Vibration detector (Vutlan VT540)

Sensor made for remote monitoring of vibration of the elements its attached to.

### Water detection cable sensor (Vutlan VT591)

The sensor informs about occurance of water or other liquids when it comes into contact with the WLC detection cable attached to the sensor.

The cable is placed under the raised floor, cabinets, air conditioners, etc.

The VT-WLC detection cable is necessary for the sensor.

The sensor is incompatible with the VT-WDC cable.

Connection: Can be connected via R.I-11 cable to each control unit. Determination of the sensor type and connection takes place automatically. At the end of the sensor, connect

the 2-wire VT-WLC detection cable.

Maximum distance from the controller: 100m

The maximum length of the detection cable track: 225m Set includes: sensor, cable, terminal strip type TBW-5-2p, screw 4.8×16mm, double sided sticker, VT-WLC adapter

Net weight: 60g Dimensions (LHW): 60×18×18mm

#### Wind velocity meter (Vutlan VT550)

Sensor made for monitoring of air conditioners, fans, etc. Sensor controls airflow in the range of 0 - 3 m/s.

Connection: The sensor is connected to the controller by the RJ-11 network cable. Determination of the sensor type and connection takes place automatically. Sensor response time 0.1s

Max. distance: 50m Max. distance: 50m
Net weight:106g
Dimensions: 60×18×18mm
Power Consumption: 60mW
Supply includes: Sensor converter, airflow sensor, mounting
bracket 2m R.111/R.112 cable screws buts bolts and a

bracket, 2m RJ11/RJ12 cable, screws, nuts, bolts and a sticker.





Net Price: 72.00 USD Unit: pcs

#08145

Net Price: 92.70 USD Unit: pcs



#08237

Net Price: 90.20 USD Unit: pcs

#### Humidity and temperature sensor (Vutlanl VT490)

Digital sensor made for monitoring temperature and humidity inside buildings, rack cabinets, etc.

Technical specifications

Measured temperature range: -40 ÷ 100°C Accuracy: +/-0.4°C in -10 to 85 °C range Measured humidity range: 0 - 95%RH Accuracy %RH: +/-3% RH in 0 to 80% range Maximum distance from the appliance: 225m Eastures

Connection: Sensor's jack RJ-12 is connected to CAN input of any system unit or to a CAN output of another sensor using RJ-12 patch cable. Determination of sensor's type and connection occur automatically. The system enables connecting multiple sensors to a linear layout. For this purpose, each sensor is equipped with two RJ-12 input and output sockets

Net weight:160g Dimensions: 68 × 47 x 26 mm

### Pressure, humidity and temperature sensor (Vutlan VT450)

Digital sensor made for monitoring temperature, humidity and pressure.

Communications

Communications
Sesnor type: CAN digital sensor
Inputs/Outputs: 2x RJ11 6p4c
Daisy chain: Yes, a daisy chain is possible for all CAN

Max. distance from the monitoring unit: 225m LED indicators: Red / Green (RUN/ERROR)

Accuracy
Pressure RMS noise: 0.2Pa (equivalent to 1.7cm) Pressure error: +/-0.25% (equivalent to 1m at 400m height

Pressure from °C: +/-1.5Pa/K (equivalent to +/-12.6cm at 1 °C

temperature change)
RH accuracy: +/- 3% RH (max)
Hysteresis: <=2% RH
Response time: 1s Temperature: 1.5°C Environmental

Pressure range: 300 to 1100 hPa

Working temperature range: −40 to +85 °С Humidity operating range: 0 to 95% RH

Power Requirement

Power input: 12V DC, 1A (power supplied on a CAN bus

Current consumption: 1 Watt

Mechanics
Dimensions: 68x47x26 mm
Packaging weight: 160 g



## Smoke, humidity and temperature sensor (Vutlan VT460)

Digital sensor made for monitoring temperature and humidity and detecting smoke inside buildings, rack cabinets, etc.

Technical specifications

Smoke sensitivity: 0,05 - 0,2 db/m Response time: 10 sec

Response time: 10 sec Measured temperature range: -10 to +75 °C Accuracy: +/-0 4°C in -10 to 85 °C range. Measured humidity range: 0 - 95%. Accuracy %RH: +/- 3% RH in range of 0 - 80% Maximum distance from the appliance: 225m

Installation: On the bottom there are mounting holes for fastening the smoke sensor to the surface using screws 4.8×20mm or/and bracket and M4 screws.

Connection: Sensor's jack RJ-12 is connected to CAN input of any system unit or to a CAN output of another sensor using RJ-11 patch cable. Determination of sensor's type and connection sequent autematically. Marketing adjuster and allows. connection occur automatically. Monitoring system allows connection of up to 40 smoke sensors into a linear circuit. Set includes: Sensor, 3-wired shielded patch cable RJ12 (2m), bracket, 2 screws and 2 nuts M4, 2 screws 4.8×20mm,

double sided sticker.

Net weight: 310g

Dimensions (LHW): Ø100×45mm



Connection:

with a VT407 converter (#08116).

### #08117

Net Price: 80.20 USD Unit: pcs

The VT103 indoor optical-acoustic siren is dedicated to work with Vutlan environmental parameters monitoring units.

Technical specifications Rechnical specifications
Rated voltage: 12V
Sound pressure: 108 dB
Tone frequency: 3.8 kHz
Flash frequency: 150 / min
Net weight: 140g
Dimensions (LHW): 70 x 36 x 56 mm

Alarm beacon (Vutlan VT103)



#### #08344

Net Price: 14.90 USD Unit: pcs

#### Alarm beacon (Vutlan VT105)

The 12V VT105 indoor optical-acoustic siren is dedicated to work with Vutlan environmental parameters monitoring units.

Technical specifications Rated voltage: 12V Flash frequency: 90 / min Net weight: 110g

Dimensions (LHW): 73 x 45mm, cable 3m



#### #03880

Net Price: 23.90 USD Unit: pcs

#### #08390

#08264

Net Price: 15.40 USD

Unit: pcs

Net Price: 42.00 USD Unit: pcs



### #08186

Net Price: 89.50 USD Unit: pcs

### CAN-12V-1A / CAN Power Supply Module

AC current transducer (Vutlan HAT-100Q1)

The clamp sensor enables the measurement of alternating current in the range of up to 100A. Itr can be used together

Connection:
Power input: -12V / +12V
Outputs: 4 pin terminal
Power Consumption: 1 Watt
Operating temperature: -10°C ÷ 80°C
Operating humidity: 5% ÷ 95%, non-condensing
Net weight: 150g
Dimensions (LHW): 68 × 47 x 26 mm / 60 × 61 × 16 mm

Increases the number of CAN sensors connected on a CAN bus chain. Supplies power for a maximum of 15 additiona sensors. Needed only if the number of sensors in a CAN bus chain is greater than 12 sensors.

Technical specifications Type: Power supply for CAN bus chain Input: RJ11 6P4C CAN port ⌀3.4/1,35 mm 12V Otuput: RJ11 6P4C CAN port Daisy chain: Allows daisy chain
Max. q-ty of CAN sensors powered: 15
LED indicators: Green (Status On/Off) LEU INDICATOR CONTROL Mechanics
Dimensions: 68 x 67 x 26,2 mm (LxWxH)

Packaging weight: 190g Mounting options: Desktop, Wall mount, Indoor

## Converter 4-20mA (Vutlan VT420)

constant current on 4-20mA outputs of sensors and converting data into a IP monitoring system format. The system interface allows you to assign the sensor and to introduce the function data conversion.

Converter of current loop 4-20mA is used for measurement of

Galvanic isolation of 3 kV between I/O is used in a receiver.

### Dry contacts board IN/OUT (Vutlan VTX40)

A complementary module for VT900 and VT960 DC master

Technical specifications

Dry contacts: x32 dry contact inputs, x8 isolated dry contact

outputs Connection: BH-10

Supply includes: BH-10 bus cable, x8 terminals (6P 3.5mm), x2 terminals (6P 3.5mm), x5 screws
Dimensions (LHW): 241 x 35 x 11 mm





Net Price: 27.30 USD Unit: pcs



### #08916

Net Price: 115.00 USD Unit: pcs

#### #08116

Net Price: 53.20 USD Unit: pcs

#### Dry contacts module (Vutlan VT16)

Complementary module for moin units, can be connected to 16 dry contacts.
Dedicated for SC8100, VT8101, VT8110, VT800.

Technical specifications

Dry contacts: 16 Contact outputs: 3.5 mm Features

Installation: On the PCB there are 3 mounting holes for fastening to the surface using screws 3 mm inside of any

master unit.

Connection: Jack IDC2-10 is connected to IDC2-10 input of master unit. Determination of PCB's type and connection occur automatically. Monitoring system allows connection of up to 16 dry contacts.
Supply includes: PCB, 10-wired IDC2 cable (10cm), 3 screws

Net weight:80g Dimensions (LHW): 70x10×25mm

#### Dry contacts unit (Vutlan VT440)

Allows to increase the number of dry contacts connected to any Vutlan monitoring unit. Adds 32 dry contacts (or 64 with VT32 module). Can be connected to any CAN port.

Number of dry contacts: 32 - 64
Contact outputs: 3.5mm
Max contact distance: 500m
Number of CAN ports: 2 (1 input, 1 output)
Mounting: The unit includes two 19" mounting angles for mounting inside the rack. Alternatively, there are 2 mounting holes on the bottom of the case for fastening on the wall.
Fasten the unit, connect CAN inputs to the input of the previous CAN unit or of the monitoring unit. The red LED lights up. Match the bus terminators of the CAN units. Switch lights up. Match the bus terminators of the CAN units. Switch terminator TR in ON position on the monitoring unit and on the last CAN unit, TR on intermediate CAN units are in Off (1,2) position. Maximum 8 CAN units, sensors and/or devices

(1,2) position: Maximum of CAN units, sensors and/or devices can be on one CAN bus.

Inventory: Unit, 3-pair shielded patch cable RJ-12 2 m length, screw 3.5 x 16 mm, fastener 2-sided, rubber feet, 19" mounting angles.

Net weight: 0.5 kg

Dimensions (LHW): 215×40×40mm

#### HAT sensor transducer 0-5V DC (Vutlan VT407)

The transducer is used together with HAT-100Q1 current transducer.

Power input: 12V DC, 1A Input: RJ-12 / RJ-11 Power Consumption: 100mW Operating temperature: -10°C ÷ 80°C Operating humidity: 5% ÷ 95%, non-condensing Net weight: 150g Dimensions (LHW): 68 × 47 x 26 mm

Max distance: 50m

#### #08197

Net Price: 180.00 USD Unit: pcs



#### #03105

Net Price: 135.00 USD Unit: pcs



#### #08318

Net Price: 138.00 USD Unit: pcs

#### Internal LTE, GPS modem (Vutlan VT710)

A modem for Vutlan monitoring units (VT900, VT900 DC, VT960, VT960 DC). The module enables sending SMS about the system status / alarms and access to the Internet via LTE network. Antennas are not included with the module, must be purchased separately. The GPS function is used to synchronize the time according to geographic location.

#### Internal LTE, GPS modem (Vutlan VT740)

4G LTE slot modem for Vutlan monitoring units. Allows to receive and send SMS messages. Provides Ethernet over 4G LTE. Power-cycling is an embedded function.

Can be used together with VT335i, VT825i/VT825ii & VT855i/VT855ii

Antennas included

### Internal LTE, GPS modem (Vutlan VT760)

A modem for Vutlan monitoring units VT335S, VT335S DC, VT805, VT825, VT604. The module enables sending SMS about the system status / alarms and access to the Internet via LTE network. The GPS function is used to synchronize the time according to geographic location. Antenas inculded.

INTERFACE Network interface: WCDMA/HSDPA/HSPA+ B1/B5/B8

LEDs: Red / Green Led Chip: SimCom Chip: SimCom
Extension protocols: FDD-LTE B1/B3/B5/B7/B8/B20
Uplink: up to 5Mbps
Downlink: up to 10Mbps
Dimensions (LxHxW):60 x 50 x 15 mm

Net weight:60 g
Installation: There are 3 mounting M3 holes on a board.



### #03099

Net Price: 135.00 USD Unit: pcs



### #08370

Net Price: 7.32 USD Unit: pcs



### #08368

Net Price: 15.40 USD Unit: pcs

### Internal LTE, GPS modem (Vutlan VT790)

4G LTE slot modem for Vutlan monitoring units. Allows to receive and send SMS messages. Provides Ethernet over 4G LTE. Power-cycling is an embedded function.

Can be used together with VT960i & VT960ii

Antennas included.

### Magnet access sensor (Vutlan KMS-30)

The sensor made for checking whether the doors or windows

Installation: Insert the terminal into "Dry contact Input" of Vutlan monitoring system.
Supply includes: magnet sensor, 4x screws M3 12.5mm, 2x stickers.

Max. distance: 500m

Power consumption: 6W
Dimensions (WHL): Two 60x18x18mm compact devices

## Omni-directional GSM antenna 7 dBi (Vutlan VT6604)

Omnidirectional gain: 7 dBi Frequency range: 890-960 / 1710-1890 / 1920-2170 MHz Impedance: 50  $\Omega$ 

Connector: SMA(M) Cable: RG174

Size: Ø50 x 520 mm Manufacturer: Vutlan





Net Price: 99.80 USD Unit: pcs



Relay contact 5A (Vutlan VT11)

Relay switchable contact. Can be used together with

Technical specifications
Max. switching voltage: 250VAC / 30VDC
Max switching current: 5A
Max. switching power: 1250VA / 150W
Min. contact load: No gold plated, 5VDC 10mA

equipment, for example for switching ON/OFF air conditioners. Can control power for magnetic locks, bolt locks,

solenoid electromagnets, siren, light source, heater and etc.

Can be connected to any monitoring system or device with 12V outputs.

Operating temperature: Min. -50° C - Max.+105° C
Package includes: x2 wire cable (1 meter), screw M5 L15mm, x1 3.81mm 2P terminal, x1 5.0 2P terminal, sticker

#03107

Net Price: 23.40 USD Unit: pcs



Technical specifications Rated voltage: 12V Memory: 64bit

Frequency: 125 kHz Standard: EM4100 Net weight: 7g

RFID Card (Vutlan VT108)

Dimensions (LHW): 86 x 59 x 1 mm

Unique proximity cards for VT107 card readers.

#08297

Net Price: 4.88 USD Unit: pcs

#### Rack control unit (Vutlan VT430)

The module has a PIR sensor for rack door control, 2 dry contacts and a humidity sensor. Connected to a CAN port, it allows further CAN chain connection.

Sensors and contacts appears in the system automatically. Max. distance from the monitoring unit is 300 meters.

Technical specifications Measured humidity range: 10-95% RH Accuracy: 5% RH PIR sensor disrance: 30mm Number of dry contacts: 2 Number of CAN ports: 2

Maximum distance from the appliance: 300m

Installation: There are 4 mounting holes on the bottom of the case for fastening. Fasten the unit, connect CAN inputs to the input of the previous CAN unit or of the monitoring unit. Connection: Sensor's jack RJ-12 is connected to CAN input Connection: Sensors jack RJ-12 is connected to CAN input of any system unit or to a CAN output of another sensor using RJ-12 patch cable. Determination of sensor's type and connection occur automatically.

Supply includes: Unit, shielded patch cable RJ-12, 2 screws and 2 nuts M6, sticker, dry contacts connector..

Net weight:0.2 kg
Dimensions (LHW): 89×27×36mm

Proximity card reader for contactless reading data from RFID cards (Unique standard). Dedicated for VT855i/VT855ii &

VT960i/VT960ii.

Technical specifications

Rated voltage: 12V Current: 30 - 55 mA Frequency: 125 kHz

RFID Card reader (Vutlan VT107)

Range response: 15 cm Net weight: 100g Dimensions (LHW): 82 x 82 x 22 mm



Net Price: 53.90 USD Unit: pcs



Features

Max distance: 200m

Power Consumption: 12mW Net weight:60g Dimensions (LHW): 60×18×18mm

121.00 USD

Unit: pcs

#### Sensor unit (Vutlan VT408)

Module allows to increase the number of sensors connected to the Vutlan master module. The expansion unit is connected to the CAN connector of the controller.

Number of analog ports: 8

Number of CAN ports: 2 Maximum bus length: 300 meters Maximum analog sensor cable length: 50-150 meters,

depending on the sensor type
Installation: In the lower part of the casing there are Ø 5 mm
holes for mounting the module,
at a distance of 50 mm and 89 mm from the center. The cable

is connected to the connector on the side wall.

Connection: Can be connected via RJ-12 cable to the CAN input of the control unit or another CAN sensor. The module is automatically detected on the first connection. Set includes: module, CAN cable RJ-12 (2m), 3.5x16mm

Net weight: 0.6 kg Dimensions (LHW): 110×68×40 mm

#### #08288

Net Price:



#08204

Net Price: 111.00 USD Unit: pcs

#### USB100 / USB dome camera

USB UVC/MJPEG digital camera with high resolution and with IR Leds for direct connection to the VUTLAN system controller

It allows to view the monitored room on an ongoing basis as well as send a video sequence to an email address in response to a defined event.

In addition, the camera connected to the VUTLAN controller is visible in the network at a dedicated URL, allowing to capture the video stream just like from an IP camera (MJPEG stream).

HARDWARE FEATURES: Interface: USB format(Complies with USB 2.0 CAMERA:

Image Sensor: 1/4" Color CMOS H62 Resolution: 1.0 Megapixel (640 x 480) Minimum Illumination: 0.01 Lux @ F1.2

VIDEO/IMAGE: Video Compression: MJPEG

Frame Rate & Resolutions: Max. 20 fps at 640x480 (VGA).

Max. 20 fps at 320x240 (QVGA) Video Streaming: Controllable Frame Rate OTHERS:

Cable lenght: 2,6m
Operating Temperature: 0°C∼ 40°C (Humidity 0% RH∼ 80% RH)

Weight: 550g

#### #03114

Net Price: 32.20 USD Unit: pcs



#03119

Net Price: 37.10 USD Unit: pcs



#### #03092

Net Price: 79.30 USD Unit: pcs

#### VT122t / 19" holder (for VT335t)

Holder / bracket for VT335t monitoring unit #03113 and sensor extension unit VT408 #08288. 1U rack mount, 19".

#### VT125t / 19" holder (for 2x VT408)

Holder / bracket for x2 pcs of VT408 / Sensor extension units. 1U rack mount, 19".

#### Water leak cable (Vutlan VT-WLC10)

10m long detection cable for use with the # 08249 flood sensor. Unlike the WDC cable, the WLC cable can be used in rooms with very high humidity, pollution or hazardous waste.

Detectable liquids: clean, polluted and distilled water; acids; alkalis; alcohols and other electrically conductive liquid.

Product code: VT-WLC10 Lenght: 10m

Max operational lenght: 225m Manufacturer: Vutlan





Net Price: 113.00 USD Unit: pcs



#03094

Net Price: 174.00 USD Unit: pcs



#03095

Net Price: 339.00 USD Unit: pcs

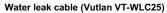
#### Water leak cable (Vutlan VT-WLC15)

15m long detection cable for use with the # 08249 flood sensor. Unlike the WDC cable, the WLC cable can be used in rooms with very high humidity, pollution or hazardous waste.

Detectable liquids: clean, polluted and distilled water; acids; alkalis; alcohols and other electrically conductive liquid.

Product code: VT-WLC15 Lenaht: 15m Max operational lenght: 225m Manufacturer: Vutlan

KVM



25m long detection cable for use with the # 08249 flood sensor. Unlike the WDC cable, the WLC cable can be used in rooms with very high humidity, pollution or hazardous waste.

Detectable liquids: clean, polluted and distilled water; acids; alkalis; alcohols and other electrically conductive liquid.

Product code: VT-WLC25 Lenght: 25m Max operational lenght: 225m Manufacturer: Vutlan

Water leak cable (Vutlan VT-WLC50)

50m long detection cable for use with the # 08249 flood sensor. Unlike the WDC cable, the WLC cable can be used in rooms with very high humidity, pollution or hazardous waste.

Detectable liquids: clean, polluted and distilled water; acids; alkalis; alcohols and other electrically conductive liquid.

Product code: VT-WLC50 Lenght: 50m Max operational lenght: 225m Manufacturer: Vutlan



#07465

Net Price: 695.00 USD Unit: pcs



#07466

Net Price: 817.00 USD Unit: pcs



#07467

#### KVM LCD modular console, Wave KVM, 17", 1-port KVM, 1U, single rail

KVM console module featuring an integrated 17" LCD panel, a keyboard and a touchpad in a 1U rack-mountable housing can save almost 85% server cabinet space (compared to traditional keyboards, monitor and mouse)

The modular structure enables easy expansion of the device with a replaceable KVM module with an amendment to sureties (8, 16 ports).

Description: 1 PC to 1 console

Panel type: active TFT LCD, 17" SXGA, 4÷3 Max. resolution: 1920x1080

Optimal resolution: 1280x1080
Contrast: 1000 ÷ 1
White Luminance: 250 cd/m2

Back light: LED Supported colors: 16.7M PC or KVM ports: 1 PS2 or USB

Keyboard: 105 keys, touchpad Power: ~230V AC

Operating humidity: 10% ÷ 90%, non-condensing

Operating rating Certificates: CE
Dimensions: 463x446x42mm
Min-max dist. between mounting rails: 580mm - 870mm

Weight: 18.6 kg Warranty: 2 years Manufacturer: Wave KVM

KVM LCD modular console, Wave KVM , 17", 8-port KVM, 1U, single rail

KVM console module featuring an integrated 17" LCD panel, a keyboard and a touchpad in a 1U rack-mountable housing can save almost 85% server cabinet space (compared to traditional keyboards, monitor and mouse).

The modular structure enables easy expansion of the device with a replaceable KVM module with an amendment to sureties (16 ports) and an additional module for IP communication.

Description: 8 PC to 1 console Panel type: active TFT LCD, 17" SXGA, 4÷3 Max. resolution: 1920x1080 Optimal resolution: 1280x1024 . Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2 Back light: LED Supported colors: 16.7M PC or KVM ports: 8 Keyboard: 105 keys, touchpad Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C Operating humidity: 10% ÷ 90%, non-condensing Certificates: CE

Dimensions: 636x446x42mm Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.6 kg

Warranty: 2 years Manufacturer: Wave KVM



Net Price: 854.00 USD Unit: pcs

#### KVM LCD modular console, Wave KVM , 17", 16-port KVM, 1U, single rail

KVM console module featuring an integrated 17" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared to traditional keyboards, monitor

The modular structure enables easy expansion of the device with an additional module for IP communication.

Description: 16 PC to 1 console
Panel type: active TFT LCD, 17" SXGA, 4+3
Max. resolution: 1920x1080
Optimal resolution: 1280x1024
Contrast: 1000 + 1
White Luminance: 250 cd/m2

White Luminance: 250 cd/m² Back light: LED Supported colors: 16.7M Mean Time Between Failures (MTBF): 100 000 hours PC or KVM ports: 16 PS2 or USB Keyboard: 105 keys, touchpad Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing

Certificates: CE

Dimensions: 636x446x42mm Min-max dist. between mounting rails: 580mm - 870mm

Weight: 18.6 kg Warranty: 2 years Manufacturer: Wave KVM



#07468

Net Price: 773.00 USD Unit: pcs



#07469

Net Price: 890.00 USD Unit: pcs



and mouse).

#### KVM LCD modular console, Wave KVM, 19",

1-port KVM, 1U, single rail KVM console module featuring an integrated 19" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared to traditional keyboards, monitor

The modular structure enables easy expansion of the device with a replacable KVM module witha higher number of ports (8, 16 ports).

Description: 1 PC to 1 console Panel type: active TFT LCD, 19" XGA Max. resolution: 1920x1080 Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

white Luminance: 250 cd/m2
Back light: LED
Supported colors: 16.7M
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 1 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC

Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CE

Dimensions: 463x446x42mm Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.0 kg Warranty: 2 years Manufacturer: Wave KVM



KVM LCD modular console, Wave KVM ,19", 8-port KVM, 1U, single rail

KVM console module featuring an integrated 19" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared to traditional keyboards, monitor and mouse).

The modular structure enables easy expansion of the device with a replacable KVM module with a higher number of ports (16 ports) amd an additional module for IP communication.

Description: 8 PC to 1 console Panel type: active TFT LCD, 19" XGA, 4÷3 Max. resolution: 1920x1080 Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

Write Luminance: 250 co/m2
Back light; LED
Supported colors: 16.7M
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 8 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing
Certificates: CE

Dimensions: 636x446x42mm

Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.0 kg

Warranty: 2 years Manufacturer: Wave KVM



#07470

Net Price: 1 000.00 USD Unit: pcs

#### KVM LCD modular console, Wave KVM ,19", 16-port KVM, 1U, single rail

KVM console module featuring an integrated 19" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared to traditional keyboards, monitor and mouse).

The modular structure enables easy expansion of the device with an additional module for IP communication.

Description: 16 PC to 1 console Panel type: active TFT LCD, 19" XGA Max. resolution: 1920x1080 Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2 Back light: LED Supported colors: 16.7M PC or KVM ports: 16 Keyboard: 105 keys, touchpad Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing Certificates: CE

Certificates: CE
Dimensions: 636x446x42mm
Min-max dist. between mounting rails: 580mm - 870mm
Weight: 18.0 kg
Manufacturer: Wave KVM





Net Price: 1 020.00 USD Unit: pcs

## KVM LCD console, Wave KVM $\,$ , 17", 8-port KVM, 1U, dual rail

The KVM console module featuring an integrated 17" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared with traditional keyboards, monitor and mouse). The double racks enable pulling out only the monitor and simultaneous viewing with the closed cabinet

Description: 1 PC to 1 console Panel type: active TFT LCD, 17" SXGA Max. resolution: 1920x1080 Max. resolution: 1920x1080
Optimal resolution: 1280x1024
Contrast: 1000 + 1
White Luminance: 250 cd/m2
Back light: 2 lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 8 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC
Operating temperatures: 0°C + 50°C

Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CE

Dimensions: 640\*443\*42mm Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.6 kg

Warranty: 2 years Manufacturer: Wave KVM



Net Price: 1 240.00 USD Unit: pcs

#### KVM LCD console, Wave KVM, 19", 16-port KVM, 1U, dual rail

The KVM console module featuring an integrated 19" LCD panel, a keyboard and a touchpad can save almost 75%server cabinet space (compared with traditional keyboards, monitor and mouse). The double racks enable pulling out only the monitor and simultaneous viewing with the closed cabinet door

Description: 16 PC to 1 console Panel type: active TFT LCD, 19" SXGA, 4÷3 Max. resolution: 1920x1080

Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

White Luminance: 250 cd/m²
Back light: 2 lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 16 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC
Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CF

Certificates: CE Dimensions: 630\*450\*42mm Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.6 kg

Warranty: 2 years Manufacturer: Wave KVM



#07384

Net Price: 1 050.00 USD Unit: pcs

#### KVM LCD console, Wave KVM , 17", 16-port KVM, 1U, dual rail

The KVM console module featuring an integrated 17" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared with traditional keyboards, monitor and mouse). The double racks enable pulling out only the monitor and simultaneous viewing with the closed cabinet

Description: 16 PC to 1 console Panel type: active TFT LCD, 17" SXGA Max. resolution: 1920x1080 Max. resolution: 1920x1080
Optimal resolution: 1280x1024
Contrast: 1000 + 1
White Luminance: 250 cd/m2
Back light: 2 lamps
Supported colors: 16.7M
Mean Time Betweem Failures: 50 000 hours
PC or KVM ports: 16 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC
Operating temperatures: 0°C + 50°C

Operating temperatures: 0°C ÷ 50°C Operating humidity: 10% ÷ 90%, non-condensing Certificates: CE

Dimensions: 640\*443\*42mm

Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.6 kg

Warranty: 2 years Manufacturer: Wave KVM



Net Price: 941.00 USD Unit: pcs

### KVM LCD modular console, Wave KVM, 17", cat.5, 8-port KVM, 1U, single rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions

The modular design allows for easy expansion of the device with a removable KVM module with more ports (16 ports) and an additional module for IP communication.

Description: 8 PC to 1 console Panel type: active TFT LCD, 17" XGA, 4÷3 Max. resolution: 1920x1440

Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

Write Luminance: 250 co/m2
Back light: LED
Supported colors: 16.7M
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 8 PS2 or USB
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m

Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C

Operating humidity: 10% ÷ 90%, non-condensing Certificates: CF

Dimensions: 636x446x42mm Min-max dist. between mounting rails: 580mm - 870mm

Weight: 18.0 kg Warranty: 2 years Manufacturer: Wave KVM



#07385

Net Price: 1 200.00 USD Unit: pcs

#### KVM LCD console, Wave KVM, 19", 8-port KVM, 1U, dual rail

The KVM console module featuring an integrated 19" LCD panel, a keyboard and a touchpad can save almost 75% server cabinet space (compared with traditional keyboards, monitor and mouse). The double racks enable pulling out only the monitor and simultaneous viewing with the closed cabinet

Description: 8 PC to 1 console Panel type: active TFT LCD, 19" SXGA Max. resolution: 1920x1080 Max. resolution: 1920x1080
Optimal resolution: 1280x1024
Contrast: 1000 + 1
White Luminance: 250 cd/m2
Back light: 2 lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 8 PS2 or USB
Keyboard: 105 keys, touchpad
Power: ~230V AC
Operating temperatures: 0°C + 50°C

Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CE

Dimensions: 630\*450\*42mm

Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.6 kg

Warranty Manufacturer: Wave KVM



#07472

Net Price: 1 000.00 USD Unit: pcs

### KVM LCD modular console, Wave KVM, 17", cat.5, 16-port KVM, 1U, single rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions

The modular design allows for easy expansion of the device with an additional module for IP communication.

Description: 16 PC to 1 console Max. resolution: 1920x1440
Optimal resolution: 1280x1024
Contrast: 1000 + 1

White Luminance: 250 cd/m2 Back light: LED

Back light: LED
Supported colors: 16.7M
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 16 RJ45
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m
Power: ~230V AC
Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-condensing
Certificates: CE
Dimensions: 636x446x42mm
Min-max dist between mounting rails: 580mm - 8:

Min-max dist. between mounting rails: 580mm - 870mm Weight: 18.0 kg Warranty: 2 years

Manufacturer: Wave KVM





#07473 Net Price: 1 110.00 USD Unit: pcs

## KVM LCD modular console, Wave KVM, 19", cat.5, 8-port KVM, 1U, single rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions.

The modular design allows for easy expansion of the device with a removable KVM module with more ports (16 ports) and an additional module for IP communication.

Description: 8 PC to 1 console Panel type: active TFT LCD, 19" XGA, 4÷3 Max. resolution: 1920x1440

Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

White Luminance: 250 cd/m2
Back light; LED
Supported colors: 16.7M
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 8 PS2 or USB
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m Power: ~230V AC

Operating humidity: 10% ÷ 90%, non-condensing

Certificates: CE
Dimensions: 636x446x42mm
Min-max dist. between mounting rails: 580mm - 870mm

Weight: 18.0 kg Warranty: 2 years Manufacturer: Wave KVM



#07474 Net Price: 1 150.00 USD Unit: pcs

## KVM LCD modular console, Wave KVM, 19", cat.5, 16-port KVM, 1U, single rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions.

The modular design allows for easy expansion of the device with an additional module for IP communication

Description: 16 PC to 1 console Panel type: active TFT LCD, 19" XGA, 4÷3 Max. resolution: 1920x1440 Optimal resolution: 1280x1024 Contrast: 1000 ÷ 1 White Luminance: 250 cd/m2

Back light: LED Supported colors: 16.7M

Supported colors: 16.7/m
Mean Time Between Failures: 100 000 hours
PC or KVM ports: 16 PS2 or USB
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m
Power: ~230V AC

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing

Certificates: CE

Dimensions: 636x446x42mm
Min-max dist. between mounting rails: 580mm - 870mm

Weight: 18.0 kg Warranty: 2 years Manufacturer: Wave KVM



#07387 Net Price: 1 120.00 USD Unit: pcs

## KVM LCD console, Wave KVM, 17", cat.5, 8-port KVM, 1U, dual rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions. The double rails enable pulling out only the monitor and viewing it with closed cabinet doors.

with closed cabinet doors.

Description: 8 PC to 1 console
Panel type: active TFT LCD, 17" XGA, 4+3
Max. resolution: 1920x1440
Optimal resolution: 1280x1024
Contrast: 700 ÷ 1
White Luminance: 250 cd/m2
Back light: 4 CCFL lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 8 RJ45
Keyboard: 105 Keys, touchpad
Transmission distance: up to 60m
Power: ~230V AC
Operating temperatures: 0°C + 50°C

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing

Certificates: CE

Dimensions: 640\*443\*42mm Min-max dist. between mounting rails: 580mm - 870mm

Weight: 23.5 kg Warranty: 2 years Manufacturer: Wave KVM



#07388 Net Price: 1 170.00 USD Unit: pcs

## KVM LCD console, Wave KVM, 17", cat.5, 16-port KVM, 1U, dual rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions. The double rails enable pulling out only the monitor and viewing it with closed cabinet doors.

with closed cabinet doors.

Description: 16 PC to 1 console
Panel type: active TFT LCD, 17" XGA, 4+3
Max. resolution: 1920x1440
Optimal resolution: 1280x1024
Contrast: 700 + 1
White Luminance: 250 cd/m2
Back light: 4 CCFL lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 16 RJ45
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m
Power: ~230V AC
Operating temperatures: 0°C + 50°C
Operating humidity: 10% + 90%, non-conden

Operating humidity: 10% ÷ 90%, non-condensing Certificates: CE Dimensions: 640\*443\*42mm

Min-max dist. between mounting rails: 580mm - 870mm Weight: 23.88 kg

Warranty: 2 years Manufacturer: Wave KVM



#07389 Net Price: 1 310.00 USD Unit: pcs

#### KVM LCD console, Wave KVM, 19", cat.5, 8-port KVM, 1U, dual rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions. The double rails enable pulling out only the monitor and viewing it with closed cabinet doors

with closed cabinet doors.

Description: 8 PC to 1 console
Panel type: active TFT LCD, 19" XGA, 4+3
Max. resolution: 1920x1440
Optimal resolution: 1280x1024
Contrast: 700 ÷ 1
White Luminance: 250 cd/m2
Back light: 4 CCFL lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 8 RJ45
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m

Transmission distance: up to 60m

Power: ~230V AC
Operating temperatures: 0°C ÷ 50°C

Operating humidity: 10% ÷ 90%, non-condensing Certificates: CE Dimensions: 630\*450\*42mm

Min-max dist. between mounting rails: 580mm - 870mm

Weight: 19.34 kg Warranty: 2 years Manufacturer: Wave KVM



#07390

Net Price: 1 360.00 USD Unit: pcs

#### KVM LCD console, Wave KVM, 19", cat.5, 16-port KVM, 1U, dual rail

The KVM console with RJ-45 sockets allows to connect computers using standard cat.5e patchcords and adapters installed on the server side. The possibility of using universal connectors of various lengths in addition to the advantages of a typical KVM console (high resolution LCD, keyboard and touchpad) distinguishes the console from other solutions. The double rails enable pulling out only the monitor and viewing it with closed cabinet doors

with closed cabinet doors.

Description: 16 PC to 1 console
Panel type: active TFT LCD, 17" XGA, 4+3
Max. resolution: 1920x1440
Optimal resolution: 1280x1024
Contrast: 700 + 1
White Luminance: 250 cd/m2
Back light: 4 CCFL lamps
Supported colors: 16.7M
Mean Time Between Failures: 50 000 hours
PC or KVM ports: 16 RJ45
Keyboard: 105 keys, touchpad
Transmission distance: up to 60m
Free slots: IP module or cat.5
Power: ~230V AC
Operating temperatures: 0°C + 50°C

Operating temperatures: 0°C ÷ 50°C
Operating humidity: 10% ÷ 90%, non-condensing
Certificates: CE

Dimensions: 630\*450\*42mm Min-max dist. between mounting rails: 580mm - 870mm Weight: 20,41 kg

Warranty: 2 years Manufacturer: Wave KVM





Description: 8 PC to 1 user

#07340

Net Price: 192.00 USD Unit: pcs

## KVM switch, Wave KVM , 8 to 1, PS/2 or USB console, PS/2 and USB PC ports, 19" $\,$

KVM switch allows to manage up to 8 servers from a single keyboard, monitor and mouse. Switching between the units is done using the front panel buttons or keyboard shortcuts.

Description: 8 PC to 1 user
PC ports: 8x HDB15(F)
PC port type (keyboard/mouse): PS/2 or USB
Console ports: 1x VGA HDB15(F), 2x USB A(F), 2x PS/2(F)
PC selection: keyboard shortcut / OSD / button Status LEDs: 16 (2 for each PC port)

Max. resolution (local console): 1600 x 900 Housing: 19", metal Power: 5V DC 1A, ~230V AC 50Hz Warranty: 2 years Manufacturer: Wave KVM



#07341

Net Price: 248.00 USD Unit: pcs



#07324

Net Price: .32 USD Unit: pcs

## KVM switch, Wave KVM , 16 to 1, PS/2 or USB console, PS/2 and USB PC ports, 19"

KVM switch allows to manage up to 16 servers from a single keyboard, monitor and mouse. Switching between the units is done using the front panel buttons or a keyboard shortcut.

Description: 16 PC to 1 users PC ports: 16x HDB15(F)

PC port type (keyboard/mouse): PS/2 or USB Console ports: 1x VGA HDB15(F), 2x USB A(F), 2x PS/2(F) PC selection: keyboard shortcut / OSD / button Status LEDs: 32 (2 for each PC port)

Max. resolution (local console): 1600 x 900

Housing: 19", metal Power: 5V DC 1A, ~230V AC 50Hz Warranty: 2 years Manufacturer: Wave KVM



#### KVM switch, Wave KVM, 2 to 1, PS/2, audio

KVM switch allows to manage up to 2 servers from a single keyboard, monitor and mouse. Switching between the units is done using the front panel buttons.

Description: 2 PC to 1 user

Description: 2 PC to 1 user
PC selection: keyboard shortcut, buttons on front panel
Console connectors: 2x PS/2(F), 1x HDB-15(F), 1x 3,5mm
jack (audio in), 1x 3,5mm jack (audio out)
PC connectors: 2x HDB-15(M), 2x 3.5mm jack (audio)
Max. resolution: 1280 × 1024

Power: from ports Warranty: 2 years Manufacturer: Wave KVM



#### #07326

Net Price: 14 60 USD Unit: pcs



#### #06088

Net Price: 34 60 USD Unit: pcs



#### #06087

Net Price: 56 80 USD Unit: pcs

#### KVM switch, Wave KVM, 4 to 1, PS/2, audio

KVM switch allows to manage up to 4 servers from a singl keyboard, monitor and mouse. Switching between the units is done using the front panel buttons.

Description: 4 PC to 1 user

Description: 4 PC to 1 user
PC selection: keyboard shortcut, buttons on front panel
Console connectors: 2x PS/2(F), 1x HDB-15(F), 1x 3,5mm
jack (audio in), 1x 3,5mm jack (audio out)
PC connectors: 4x HDB-15(M), 4x 3.5mm jack (audio)
Max. resolution: 1280 x 1024
Power: from USB ports

Warranty: 2 years Manufacturer: Wave KVM



## KVM dongle, Wave KVM , RJ-45 to USB+DVI , kat.5 (WK-C5DVI)

DVI Cat5 adapter dedicated for KVM consoles and switches equipped with RJ45 ports. Servers are connected via standard patch cords UTP CAT5 (or better).

To be used with: Cat.5 Wave KVM switches and LCD

consoles PC port: 1x DVI + 1x USB mini DIN 6(F) PC port type (keyboard/mouse): USB KVM port: 1x 8p8c(F) RJ-45 Transmission distance: up to 60m

Power: from USB ports, no additional power source required Warranty: 2 years
Manufacturer: Wave KVM



## KVM dongle, Wave KVM , RJ-45 to USB+HDMI , kat.5 (WK-C5HDMI)

HDMI Cat5 adapter dedicated for KVM consoles and switches equipped with RJ45 ports. Servers are connected via standard patch cords UTP CAT5 (or better).

To be used with: Cat.5 Wave KVM switches and LCD

consoles
PC port: 1x HDMI + 1x USB mini DIN 6(F)
PC port type (keyboard/mouse): USB
KVM port: 1x 8p8c(F) RJ-45 Transmission distance: up to 60m

Power: from USB ports, no additional power source required Warranty: 2 years
Manufacturer: Wave KVM



#### #07130

Net Price: 25.50 USD Unit: pcs



#### #07128

Net Price: 5.10 USD Unit: pcs



#### #07129

Net Price: 7.18 USD Unit: pcs

## KVM dongle, Wave KVM , RJ-45 to USB+VGA , Cat.5 (WK-C5USB)

USB Cat5 adapter dedicated for KVM consoles and switches equipped with RJ45 ports. Servers are connected via standard patch cords UTP CAT5 (or better).

To be used with: Cat.5 Wave KVM switches and LCD consoles PC port: 1x VGA HDB15(F) + 1x USB mini DIN 6(F)

PC port type (keyboard/mouse): USB KVM port: 1x 8p8c(F) RJ-45 Transmission distance: up to 60m

Power: from USB ports, no additional power source required

Warranty: 2 years Manufacturer: Wave KVM

#### KVM cable, Wave KVM, M-P15F, combo, 1.8 m Connection cable compatible with WaveKVM devices.

PC connectors: 1x HD-15M, 2x MD-6M, 1x USB

Console connectors: 1x HD-15F Manufacturer: Wave KVM

### KVM cable, Wave KVM, M-P15F, combo, 3.0 m

Connection cable compatible with WaveKVM devices. PC connectors: 1x HD-15M, 2x MD-6M, 1x USB

Console connectors: 1x HD-15F

Manufacturer: Wave KVM



### #07124

Net Price: 9.73 USD Unit: pcs

### #06086

Net Price: 433.00 USD



### #06085

Net Price: 319.00 USD

### KVM cable, Wave KVM, M-P15F, combo, 5.0 m

Connection cable compatible with WaveKVM devices.

PC connectors: 1x HD-15M, 2x MD-6M, 1x USB Console connectors: 1x HD-15F Manufacturer: Wave KVM



### IP module for KVM (Wave KVM KI-4101)

The module is designed to connect to a switch or a KVM console via an IP network. Thanks to the 1 Gbps interface, it supports resolutions up to 1080p.

#### KVM module cat.5, Wave KVM, 16 to 1, PS/2 or USB console, rack 19"

Removable KVM cat.5 module for 19" rack consoles with 17" or 19" screen diagonals. It allows to expand the console by up to 16 ports and an additional IP communication module.

Description: 16 PC to 1 user Console ports: 16x RJ45(F), 2x USB A(F)
PC port type (keyboard/mouse): PS/2 or USB

Transmission distance: up to 60m Console Connector: DB 37PIN Max. resolution: 1920 x 1200 @ 60 Hz Local & Remote Housing: 19", metal Power: 12V DC 4A, ~230V AC 50Hz

Warranty: 2 years Manufacturer: Wave KVM



Net Price: 280.00 USD Unit: pcs

#06084



#06082 Net Price: 293.00 USD Unit: pcs



#06081 Net Price: 217.00 USD Unit: pcs

## KVM module cat.5, Wave KVM , 8 to 1, PS/2 or USB console, rack 19" $\,$

Removable KVM cat.5 module for 19" rack consoles with 17" or 19" screen diagonals. It allows to expand the console by up to 8 ports and an additional IP communication module.

Description: 8 PC to 1 user Description: 8 PC to 1 user
Console ports: 8x RJ45(F), 2x USB A(F)
PC port type (keyboard/mouse): PS/2 or USB
Transmission distance: up to 60m
Console Connector: DB 37PIN
Max. resolution: 1920 x 1200 @ 60 Hz Local & Remote

Housing: 19", metal Power: 12V DC 4A, ~230V AC 50Hz

Warranty: 2 years Manufacturer: Wave KVM

KVM module, Wave KVM, 16 to 1, PS/2 or USB console, rack 19"

Removable KVM module for 19" rack consoles with 17"" or 19" screen diagonals. It allows to expand the console by up to 16 ports and an additional IP communication module.

Description: 16 PC to 1 user Console ports: 16x DB15(F), 2x USB A(F)
PC port type (keyboard/mouse): PS/2 or USB
Console Connector: DB 37PIN
Max. resolution: 1920 x 1200 @ 60 Hz
Housing: 191 metal

Max. resolution: 1920 x 1200 @ 60 P Housing: 19", metal Power: 12V DC 4A, ~230V AC 50Hz Warranty: 2 years Manufacturer: Wave KVM

KVM module, Wave KVM, 8 to 1, PS/2 or USB console, rack 19"

Removable KVM module for 19" rack consoles with 17" or 19" screen diagonals. It allows to expand the console by up to 8 ports and an additional IP communication module.

Description: 8 PC to 1 user Console ports: 8x DB15(F), 2x USB A(F)
PC port type (keyboard/mouse): PS/2 or USB
Console Connector: DB37
Max. resolution: 1920 x 1200 @ 60 Hz Max. resolution: 1920 x 1200 @ 60 P Housing: 19", metal Power: 12V DC 4A, ~230V AC 50Hz Warranty: 2 years Manufacturer: Wave KVM

Smart home

#### #09226

Net Price: 165 00 USD Unit: pcs

#### 16 Channel Network Video Recorder (TP-Link VIGI NVR1016H)

- 24/7 Continuous Recording: Stores up to 10 TB of footage from connected cameras to secure your data for quick, convenient access.
- 16-Channel Real-Time Live View: Sharp image definition up to 8MP and a 16-channel display ensures you capture every detail, from every angle.
- Quick Lookup and Playback: Find the target footage easily by date, event types, and tags. Replay with variable playback speeds to quickly review footage.
- Remote Monitoring: Dedicated VIGI app is developed for remote monitoring, providing ease and convenience.
  - H.265+: Without using any extra bandwidth, your camera
- transmits compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
  - ONVIF Ensure Compatibility\*: Easily add IPCs from VIGI
- and other brands to establish a powerful and varied network thanks to barrier-free compatibility.
- 1 HDD Interface (up to 10 TB)†: Stores up to 10 TB (720 days△ of video) on a SATA hard drive, keeping your data storage secured locally.

  - Two-Way Audio: With voice intercom support, carry two-way
- conversations while watching your feed from anywhere Suitable for management.

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port, 2× USB 2.0

External Power Supply: 12V DC, 1.5A Dimensions( H X W X D ): 246.2 × 148.2 × 45 mm Weight: 578.5 a

Power Consumption: 4.25 W (without disk), 13.10 W (with disk)
NETWORK:

Protocol: TCP/IP, DHCP, DNS, NTP, UPnP Incoming Bandwith: 80 Mbps Outgoing Bandwidth: 60 Mbps VIDEO/IMAGE:

Video Input: 16-Channel IP Video Input, up to 8 MP Resolution

Resolution Wideo Output: Recording Resolution 8MP/ 5 MP/ 4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF, HDMI/VGA Output Resolution 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1680 × 1050/60Hz, 1440 × 000/60Hz

Decoding Format: H.265+/H.265/ H.264+/H.264 Live View/Playback Resolution: 5 MP/ 4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/QCIF Capability: 1-ch @ 8MP, 2-ch @ 5MP, 4-ch @ 2MP HARD DISK: SATA: 1 SATA Interface

Capacity: Up to 10 TB OTHERS:

Package Contents: VIGI Network Video Recorder, Power Adapter, HDD Screws, Mouse, Quick Installation Guide Environment: Operating Temperature -10°~55°





Net Price: 67.20 USD Unit: pcs

## 3 Mpx Outdoor Bullet Network Camera lens 2.8mm (TP-Link VIGI C330 2.8mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.
  - IP67 Waterproof: Reliable IP67 for stable outdoor
- performance - H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without
- sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and
- Night Vision.
   PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Pi Plug, PoE (802.3af/at, class 0) Dimensions( H X W X D ): 174 × 78 × 70 mm General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening NETWORK: Security: Password Protection, HTTPS Encryption, IP

Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS

API: ONVIE

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.8" Progressive Scan CMOS Lens: 2.8 mm Aperture: F1.6

Viewing Angle: horizontal FOV 107.5°, vertical FOV 57.2°, diagonal FOV 128.7°

ulagonal FOV 122.7
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE:
Video Compression: Main streamH.265/H.264/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240
Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light

Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light
Video Bit Rate: 64 Kbps to 6 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal
Detection Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,
Waterproof Cable Attachments, Mounting Accessories
Environment: Operating Temperature -30°-60°



#09197

Net Price: 60.10 USD Unit: pcs

## 3 Mpx Outdoor Bullet Network Camera lens 4mm (TP-Link VIGI C300HP-4)

- 3MP Ultra-High Definition: The VIGI C300 camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 4/6mm Lens: Whether you need a wide angle lens to cover enclosed spaces or a higher millimeter lens for longer distances in open spaces, C300 comes with two different lens
- versions to better suit your security needs.
   Smart Detection (motion detection, area intrusion, line-crossing, video tampering): Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.
- Smart IR: Keeps objects from being under-rendered when far away or overexposed when close to camera at night.
   WDR: Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.
- 3D DNR: Removes abnormal pixelation to provide clearer video and eliminate distortion.
- Night Vision: A robust night vision system ensures your camera performs well in low light conditions and records
- what's happening for future inspection.
   H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
  - PoE/12V DC: Two power supply ways not only give you
- more convenience but also make your wiring remarkably
- VIGI App: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power Plug, PoE (802.3af/at, class 0)
Dimensions( H X W X D ): 164,9 × 87,4 × 83,4 mm
Weight: 283.5g
General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening

NETWORK.

NE I WORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPP, UPP, SSL/TLS
API: ONVIF

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 4 mm

Aperture: F2.4 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 92°, vertical FOV 48°,
diagonal FOV 114°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR
WDRO: DWDR

VIDEO/IMAGE:

Video Compression: Main stream- H.265/H.264, Sub-Stream-H.265/H.264

Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light

Video Bit Rate: 64 Kbps to 6 Mbps SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (illegal login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

OTHERS: Certification: CE, FCC, RCM, BSMI, VCCI, IP67, RoHS Package Contents: VIGI Network Camera, Quick Start Guide, Waterproof Cable Attachments, Mounting Bracket, Mounting Accessories (Screws, Drywall Anchors, Hex Key) Environment: Operating Temperature -30°~60°



#09283

Net Price: 67.20 USD Unit: pcs

## 3 Mpx Outdoor Bullet Network Camera lens 4mm (TP-Link VIGI C330 4mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera. - IP67 Waterproof: Reliable IP67 for stable outdoor performance
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without
- sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and
- Night Vision.
   PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Plug, PoE (802.3af/at, class 0)
Dimensions( H X W X D ): 174 × 78 × 70 mm
General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening

NETWORK:
Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS

API: ONVIE

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.8" Progressive Scan CMOS Lens: 4 mm Aperture: F1.6

Viewing Angle: horizontal FOV 89.1°, vertical FOV 45.1°, diagonal FOV 106.9°

uagynar FOV 100.9 Day/Night Mechanism: IR Cut Filter IR Working Distance: 30m Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

352x288, 320x240

Yideo Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light Video Bit Rate: 64 Kbps to 6 Mbps SMART FEATURE-SET:

SMAR I FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,
Waterproof Cable Attachments, Mounting Accessories
Environment: Operating Temperature -30°-60°





Net Price: 67.20 USD Unit: pcs

## 3 Mpx Outdoor Bullet Network Camera lens 6mm (TP-Link VIGI C330 6mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera. - IP67 Waterproof: Reliable IP67 for stable outdoor performance
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without
- sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and
- Night Vision.
   PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Plug, PoE (802.3af/at, class 0)
Dimensions( H X W X D ): 174 × 78 × 70 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK: NETWORK:
Security: Password Protection, HTTPS Encryption, IP

Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS API: ONVIE

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.8" Progressive Scan CMOS

Lens: 6 mm Aperture: F1.6

Viewing Angle: horizontal FOV 55.1°, vertical FOV 30.2°, diagonal FOV 64°

ulagonal FOV 94
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE:
Video Compression: Main streamH.265/H.264/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240
Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light

Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light
Video Bit Rate: 64 Kbps to 6 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal
Detection Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Certification: CE/BSMI/VCCI/ONVIF Package Contents: VIGI Network Camera, Quick Start Guide, Waterproof Cable Attachments, Mounting Accessories Environment: Operating Temperature -30°~60°



#09298

Net Price: 68.20 USD Unit: pcs

## 3 Mpx Outdoor Dome Network Camera lens 2.8mm (TP-Link VIGI C230 2.8mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.
   IK10 Vandal-Proof & IP67 Waterproof: With
- vandal-resistant, rugged housing and waterproof design, this VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-in Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 4.7W, PoE Class 0
Dimensions( H X W X D): 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
Pan/Till Range: Pan 0" to 360", Tilt 0" to 85", Rotate 0" to
360"

NETWORK:

NETWORN.
Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS

API: ÓNVIF

Image Sensor: 1/2.8" Progressive Scan CMOS Lens: 2.8 mm

Aperture: F1.6 Lens Mount: M12

Viewing Angle: horizontal FOV 107.5°, vertical FOV 57.2°, diagonal FOV 128.7°
Day/Night Mechanism: IR Cut Filter

IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67

Vandal Resistant: IK10
Digital Noise Reduction: 3D DNR
WDR: DWDR

VIDEO/IMAGE:

Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

332/x288, 320x240

Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Image Emancement: BLC/3D DINR/Prevent Overexposure to Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal

Detection

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,

Mounting Accessories

Environment: Operating Temperature -30°~60°



#09340

Net Price: 68.20 USD Unit: pcs

### 3 Mpx Outdoor Dome Network Camera lens 4mm (TP-Link VIGI C230 4mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera - IK10 Vandal-Proof & IP67 Waterproof: With
- vandal-resistant, rugged housing and waterproof design, this VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-in Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 4.7W, PoE Class 0
Dimensions( H X W X D): 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
Pan/Till Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to 360°

NETWORK:

NET WORN.

Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIF

CAIVIERA.
Image Sensor: 1/2.8" Progressive Scan CMOS
Lens: 4 mm
Aperture: F1.6
Lens Mount: M12

Viewing Angle: horizontal FOV 89.1°, vertical FOV 45.1°, diagonal FOV 106.9°
Day/Night Mechanism: IR Cut Filter

IR Working Distance: 30m Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR Weatherproof Rating: IP67 Vandal Resistant: IK10

Digital Noise Reduction: 3D DNR WDR: DWDR

VIDEO/IMAGE:

Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate-11ps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480,

352x288, 320x240 332x288, 320x240

Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal

Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories

Environment: Operating Temperature -30°~60°





Net Price: 51.20 USD Unit: pcs

## 3 Mpx Outdoor Turret Network Camera lens 2.8mm (TP-Link VIGI C400HP-2.8)

- 3MP Ultra-High Definition: The VIGI C400 camera comes with 3MP-more than enough pixels to pick up some of the more discrete details

- 2.8/4mm Lens: Whether you need a wide angle lens to cover enclosed spaces or a higher millimeter lens for longer distances in open spaces, C400 comes with two different lens

versions to better suit your security needs.
- Smart Detection (motion detection, area intrusion, line-crossing, video tampering): Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.

- Smart IR: Keeps objects from being under-rendered when far away or overexposed when close to camera at night.

- WDR: Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.

 3D DNR: Removes abnormal pixelation to provide clearer video and eliminate distortion.

Night Vision: A robust night vision system ensures your camera performs well in low light conditions and records

what's happening for future inspection.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- PoE/12V DC: Two power supply ways not only give you

more convenience but also make your wiring remarkably

- VIGI App: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power Plug, PoE (802.3af/at, class 0)
Dimensions( H X W X D ): 123 × 123 × 83 mm

Weight: 195g
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening

NETWORK. Security: Password Protection, HTTPS Encryption, IP

Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS API: ONVIF

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 2.8 mm

Aperture: F2.0 Lens Mount: M12

Lens Mount: M12 Viewing Angle: horizontal FOV 97.8°, vertical FOV 52.9°, diagonal FOV 117.9° Day/Night Mechanism: IR Cut Filter IR Working Distance: 30m Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR Pan/Tilt Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to 360°.

Digital Noise Reduction: 3D DNR

WDR: DWDR

VIDEO/IMAGE: Video Compression: Main stream- H.265/H.264, Sub-Stream-H.265/H.264

H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240
Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software Client Software

Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 6 Mbps
SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (illegal login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

Certification: CE, FCC, RCM, BSMI, VCCI, RoHS
Package Contents: VIGI Network Camera, Quick Start Guide,
Screws and Anchors, Mounting Template
Environment: Operating Temperature -30°~60°

#### #09287

Net Price: 64.30 USD Unit: pcs



### 3 Mpx Outdoor Turret Network Camera lens 2.8mm (TP-Link VIGI C430 2.8mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details.

- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.

- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.

 Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects

- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without

sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and

- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably

- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager.

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 4.2W, PoE Class 0
Dimensions (H X W X D): 123 × 123 × 83 mm
General Features: Two Streams, Mirror, Privacy Masks,

Password Reset via E-mail, HTTP Listening NETWORK:

NE I WUKK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS

API: ÓNVIF

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams

CAMERA:
Image Sensor: 1/2.8" Progressive Scan CMOS
Lens: 2.8 mm

Aperture: F1.6 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 107.5°, vertical FOV 57.2°,
diagonal FOV 128.7°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNP

Digital Noise Reduction: 3D DNR WDR: DWDR

WDR: DWDR
VIDEO/IMAGE:
Video Compression: Main streamH.265+/H.264/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 252x288, 230x240

352x288, 320x240 Video Streaming: Main Stream, Sub-Stream

Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:

SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Remova Detection

Basic Event: Motion Detection, Camera Tampering Detection,

Basic Everit. Moutan Beastle, State Basic Everetion (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories

Environment: Operating Temperature -30°~60°



#09210

Net Price: 51.20 USD Unit: pcs

### 3 Mpx Outdoor Turret Network Camera lens 4mm (TP-Link VIGI C400HP-4)

- 3MP Ultra-High Definition: The VIGI C400 camera comes with 3MP-more than enough pixels to pick up some of the more discrete details

- 2.8/4mm Lens: Whether you need a wide angle lens to cover enclosed spaces or a higher millimeter lens for longer distances in open spaces, C400 comes with two different lens versions to better suit your security needs.
- Smart Detection (motion detection, area intrusion,

line-crossing, video tampering): Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.

- Smart IR: Keeps objects from being under-rendered when far away or overexposed when close to camera at night.

WDR: Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.

- 3D DNR: Removes abnormal pixelation to provide clearer video and eliminate distortion.

Night Vision: A robust night vision system ensures your camera performs well in low light conditions and records

what's happening for future inspection.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without

sacrificing image quality.
- PoE/12V DC: Two power supply ways not only give you more convenience but also make your wiring remarkably

- VIGI App: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power Plug, PoE (802.3af/at, class 0)
Dimensions( H X W X D ): 123 × 123 × 83 mm

Weight: 195g
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening

NETWORK: Security: Password Protection, HTTPS Encryption, IP

Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS API: ONVIF

Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 4 mm

Aperture: F2.4 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 92°, vertical FOV 48°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Pan/Tilt Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to

Digital Noise Reduction: 3D DNR WDR: DWDR

VIDEO/IMAGE:

Video Compression: Main stream- H.265/H.264, Sub-Stream-H.265/H.264

Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

352X2260, 320X240
Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light

Video Bit Rate: 64 Kbps to 6 Mbps SMART FEATURE-SET: Smart Event: Area Intrusion Detection, Line-Crossing

Detection Basic Event: Motion Detection, Camera Tampering Detection,

Exception (illegal login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Certification: CE. FCC. RCM. BSMI. VCCI. RoHS Package Contents: VIGI Network Camera, Quick Start Guide, Screws and Anchors, Mounting Template Environment: Operating Temperature -30°~60°





#09303 Net Price: 64.30 USD

# Unit: pcs

#09180 Net Price: 37.20 USD

# Unit: pcs

#09179 Net Price: 30.20 USD Unit: pcs

### 3 Mpx Outdoor Turret Network Camera lens 4mm (TP-Link VIGI C430 4mm)

- 3MP Super-High Definition: The camera comes with 3MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects
- Built-In Microphone: Features a built-in microphone to
- record anything going on within a 15-ft radius of the camera.
   H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
  - Smart Video Enhancement: VIGI's professional technologies
- process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager.

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Requirements. 12v Dc 7/- 5%, 5.5him Goaxia Ft Plug, PoE (802.3affat, class 0)
Power Consumption: 12V DC Max 4.2W, PoE Class 0
Dimensions( H X W X D ): 123 × 123 × 83 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK:

INE I WUKK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIE

API: ONVIF
Simultaneous Live View: 4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams CAMERA.

Image Sensor: 1/2.8" Progressive Scan CMOS Lens: 4 mm

Lens: 4 mm
Aperture: F1.6
Lens Mount: M12
Viewing Angle: horizontal FOV 89.1°, vertical FOV 45.1°,
diagonal FOV 106.9°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Dirital Noise Reduction: 3D DNR

Digital Noise Reduction: 3D DNR WDR: DWDR

VIDEO/IMAGE:

Video Compression: Main stream-H.265/H.264/H.264-H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 2572392-200x40 352x288, 320x240 Video Streaming: Main Stream, Sub-Stream

Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:

SMIAK I PEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal
Detection

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide,

Mounting Accessories

Environment: Operating Temperature -30°~60°

#### 3Mpx Pan/Tilt Wi-Fi Camera (TP-Link Tapo C210)

- Ultra-High-Definition Video: Records every image in crystal-clear 3MP definition
  - Pan and Tilt: 360° horizontal range
- Advanced Night Vision: Provides a visual distance of up to
- Motion Detection and Notifications: Notifies you when the camera detects movement
- Sound and Light Alarm: Trigger light and sound effects to frighten away unwanted visitors.
- Two-Way Audio: Enables communication through a built-in microphone and speaker
- Safe Storage: Locally stores up to 256 GB on a microSD card, equal to 512 hours (21 days) of footage. (Based on
- laboratory conditions)
   Voice Control: Free Up Your Hands with Voice Control: Works with the Google Assistant and Amazon Alexa. (Google Assistant and Amazon Alexa are not available in all languages and countries)

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A Adapter Output: 9.0V/0.6A

Dimensions( H X W X D ): 3.4 x 3.3 x 4.6 in. (86.6 x 85 x

117.7 mm) WIRELESS FEATURES:

Wineless Data Rates: IEEE 802.11 b/g/n, Up to 72.2Mbps Frequency: 2.4-2.4835GHz Wireless Encryption: WEP, WPAWPA2-PSK Security: 128 bit AES encryption with SSL/TLS

Image Sensor: 1/2.8&#8220:

Image Sensor: 1/2.88#8220; Resolution: 3 Mpx8#65288;2304 x 12968#65289; Lens: F/NO 2.4; Focal Length 3.83mm Viewing Range: 360° horizontal, 114° vertical Night Vision: 850 nm IR LED up to 30 ft ACTIVITY NOTIFICATIONS Input Trigger: Motion detection Output Notification: Push notification

AUDIO: Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

OTHERS:
Certification: FCC, IC, CE, NCC
Package Contents: Tapo Pan/Tilt Home Security Wi-Fi
Camera, Power Adapter, Quick Start Guide, Mounting
Screws, Mounting Plate, Camera Base
System Requirements: IOS 9+, Android 4.4+
Environment: Operating Temperature 0°-40° (32°-104°),
Storage Temperature 40°-70° (40°-158°), Operating
Humidity 10%-90% non-condensing, Storage Humidity
5%-90% non-condensing

### 3Mpx Wi-Fi Camera (TP-Link Tapo C110)

- Ultra-High Definition Video Records every image in ultra-high 3MP definition
- Advanced Night Vision Provides a visual distance of up to
- Motion Detection and Notifications Notifies you when the
- camera detects movement
   Sound and Light Alarm Trigger light and sound effects to frighten away unwanted visitors
- Two-Way Audio Enables communication through a built-in microphone and speaker
- Safe Storage Locally stores up to 256 GB on a microSD card, equal to 512 hours (21 days) of footage (based on laboratory conditions)
- Easy Setup and Management Manage everything with Tapo app

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9.0V/0.6A Dimensions( H X W X D ): 67,6 x 54,8 x 98,9 mm WIRELESS FEATURES:

Wireless Data Rates: IEEE 802.11 b/g/n, Up to 72.2Mbps Frequency: 2.4-2.4835GHz Wireless Encryption: WEP, WPA/WPA2-PSK

Security: 128 bit AES encryption with SSL/TLS CAMERA:

Image Sensor: 1/2.8&#8220:

Image Sensor: 172.8" Resolution: 3Mpx Lens: F/NO 2.0; Focal Length 3.3mm Night Vision: 850 nm IR LED up to 30 ft ACTIVITY NOTIFICATIONS Input Trigger: Motion detection Output Notification: Push notification

AUDIO.

Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

Certification: FCC, IC, CE, NCC

Package Contents: Tapo Home Security Wi-Fi Camera, Power Adapter, Quick Start Guide, Mounting Screws, Mounting Plate,

Notining Plate, System Requirements: iOS 9+, Android 4.4+ Environment: Operating Temperature 0°~40° (32°~104°), Storage Temperature 40°~70° (-40°~158°), Operating Humidity 10%~90% non-condensing, Storage Humidity 5%~90% non-condensing





Net Price: 139.00 USD Unit: pcs

## 4 Channel Network Video Recorder with PoE+ (TP-Link VIGI NVR1004H-4P)

- 4K HDMI Video Output & 16MP Decoding Capacity: Sharp image definition up to 8MP and a 4-channel display ensures you capture every detail, from every angle†.
- Simplified Deployment with PoE+: Easily connect and power

your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.

- 4-Channel Simultaneous Playback§: Replay the feed from up to 4 cameras at the same time, increase replay speed. and find events in the video schedule to easily review footage.

- H.265+: Without using any extra bandwidth, your camera transmits compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

ONVIF Ensures Compatibility△: Easily add IPCs from

VIGI and other brands to establish a powerful and varied network thanks to barrier-free compatibility.
- Plug & Play: Allows new and unused VIGI IP Cameras to be added automatically to the new NVR and activated instantly,

making installation faster than ever before.
- 24/7 Continuous Recording: Stores up to 10 TB of footage from connected cameras to secure your data for quick, convenient access.

- Remote Monitoring: The dedicated VIGI app and VIGI Security Manager enable remote monitoring, providing ease and convenience.

- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere Suitable for management.

- 80 Mbps Video Access Bandwidth: High video access bandwidth ensures your NVR manages more cameras with high resolution. Based on laboratory testing using VIGI cameras, VIGI NVR can manage up to four 4MP cameras.

HARDWARE FEATURES:

HARDWARE FEATURES:
Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet
Port, 2× USB 2.0
External Power Supply: 53.5V DC/1.31A
Dimensions( H X W X D ): 246.2 × 148.2 × 45 mm
Power Consumption: 4.25 W (without disk)

Power Consumption: 4.25 W (without disk)
NETWORK:
Protocol: TCP/IP, DHCP, DNS, NTP, UPnP
Incoming Bandwith: 80 Mbps
Outgoing Bandwith: 60 Mbps
VIDEO/IMAGE:
Video Input: 4-Channel IP Video Input, up to 8 MP Resolution
Recording Resolution:
8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI

F/CIF/QCIF

HDMI Output Resolution: 1 Channel, Resolution 3840x2160/30Hz,1920x1080/60Hz,1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz,1024x768/60Hz, 1280x720/60Hz

VGA Output Resolution: 1 Channel, Resolution 1920x1080/60Hz,1680x1050/60Hz,1440x900/60Hz,

1280x1024/60Hz, 1024x768/60Hz,1280x720/60Hz

Decoding Format: H.265+/H.265/ H.264+/H.264

Live View/Playback Resolution: 8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI F/CIF/QCIF

r/U-r/UCIP Capability: 2-ch @ 8MP, 4-ch @ 4MP HARD DISK: SATA: 1 SATA Interface Capacity: Up to 10 TB OTHERS:

Package Contents: VIGI Network Video Recorder, Power Adapter, HDD Screws, Mouse, Quick Installation Guide Environment: Operating Temperature -10°~55°



#09304

Net Price: 138.00 USD Unit: pcs

## 4 Channel Network Video Recorder with PoE+ (TP-Link VIGI NVR1104H-4P)

- 4K HDMI Video Output & 16MP Decoding Capacity: Sharp image definition up to 8MP and a 4-channel display ensures

you capture every detail, from every angle.
- Simplified Deployment with PoE+: Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.

- Simple HDD Installation: Install and remove the HDD manually with easy side access.

4-Channel Simultaneous Playback: Replay the feed from up to 4 cameras at the same time, increase replay speed, and find events in the video schedule to easily review footage.

- H.265+: Without using any extra bandwidth, your camera transmits compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

 ONVIF Ensures Compatibility\*: Easily add IPCs from VIGI and other brands to establish a powerful and varied network thanks to barrier-free compatibility.

- Plug & Play: Allows new and unused VIGI IP Cameras to be added automatically to the new NVR and activated instantly, making installation faster than ever before.

- 24/7 Continuous Recording: Stores up to 10 TB of footage from connected cameras to secure your data for quick

convenient access.
- Remote Monitoring: The dedicated VIGI app, web UI, and VIGI Security Manager enable remote monitoring, providing ease and convenience.

- Built-In Speaker: Enjoy real-time audio output without needing peripherals for greater convenience

Flexible Installation: Choose the suitable installation method by simply mounting your NVR on the wall, or placing it on or

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port, 2× USB 2.0

Port, 2x USB 2.0
External Power Supply: 53.5V DC/1.31A
Dimensions( H X W X D ): 200,3 × 200,3 × 43 mm
Power Consumption: 4.82 W (without disk)
NETWORK:
Protocol: TCP/IP, DHCP, DNS, NTP, UPnP

Incoming Bandwith: 80 Mbps
Outgoing Bandwidth: 60 Mbps
VIDEO/IMAGE:

Video Input: 4-Channel IP Video Input, up to 8 MP Resolution Recording Resolution: 8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI

F/CIF/QCIF HDMI Output Resolution: 1 Channel, Resolution 3840x2160/30Hz,1920x1080/60Hz,1680x1050/60Hz,

1440x900/60Hz, 1280x1024/60Hz,1024x768/60Hz, 1280x720/60Hz

1200X/20/00H2 VGA Output Resolution: 1 Channel, Resolution 1920x1080/60Hz,1680x1050/60Hz,1440x900/60Hz, 1280x1024/60Hz, 1024x768/60Hz,1280x720/60Hz

DECODING:

Decoding Format: H.265+/H.265/ H.264+/H.264 Live View/Playback Resolution: 8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI

F/CIF/QCIF Capability: 2-ch @ 8MP, 4-ch @ 4MP HARD DISK:

SATA: 1 SATA Interface Capacity: Up to 10 TB OTHERS:

Package Contents: VIGI Network Video Recorder, Power Adapter, HDD Screws, Mouse, Quick Installation Guide Environment: Operating Temperature -10°~55°



#09284

Net Price: 77.00 USD Unit: pcs

## 4 Mpx Outdoor Bullet Network Camera lens 2.8mm (TP-Link VIGI C340 2.8mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details.

- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.

- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.

- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.

- Active Defense: Warn potential intruders instantly with sound and light when abnormal events.

Two-Way Audio: Intelligently detect activities, inform you instantly and response automatically by smart detection and two-way audio.

- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.

- IP67 Waterproof: Reliable IP67 for stable outdoo performance

- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably

 Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-In Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 7.5W, PoE Class 0
Dimensions( H X W X D): 78 × 70 × 174 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK NFTWORK:

NE I WORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPP, UDP, SSL/TLS
API: ONVIF

Simultaneous Live View: 3 Main Streams & 3 Sub-Streams

CAMERA:
Image Sensor: 1/3" Progressive Scan CMOS
Lens: 2.8 mm

Aperture: F1.6 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 102°, vertical FOV 55°, diagonal FOV 122°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP66
Digital Noise Reduction: 30 DNP

Digital Noise Reduction: 3D DNR

WDR: DWDR

WDR: DWDR
WDR: DWDR
WDR: DWDR
WDR: DWDR
WIGEO/IMAGE:
Video Compression: Main streamH.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate - 1fps, 5fps, 10fps,
15fps, 20fps, 25fps, 30fps, Resolution- 2560x1440,
2304x1296, 2048x1280, 1920x1080
Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light

Infrared Light
Video Bit Rate: Main Stream 256 Kbps to 4 Mbps,
Sub-Stream 64 Kbps to 512 Kbps
SMART FEATURE-SET:

Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal

Basic Event: Motion Detection, Camera Tampering Detection.

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

Built-in Microphone: Yes

Built-in Microprione. 195
Built-in Speaker: Yes
Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,
Waterproof Cable Attachments, Mounting Accessories
Environment: Operating Temperature -30°~60°





#09285 Net Price: 77.00 USD Unit: pcs

### 4 Mpx Outdoor Bullet Network Camera lens 4mm (TP-Link VIGI C340 4mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects
- Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio: Intelligently detect activities, inform you instantly and response automatically by smart detection and two-way audio.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- IP67 Waterproof: Reliable IP67 for stable outdoor performance
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB)

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-In Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3a/fat, class 0)
Power Consumption: 12V DC Max 7.5W, PoE Class 0
Dimensions( H X W X D): 78 × 70 × 174 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK:

NFTWORK.

NE IWORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPP, UPP, UDP, SSL/TLS
API: ONVIF

Simultaneous Live View: 3 Main Streams & 3 Sub-Streams CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS Lens: 4 mm

Lens: 4 mm
Aperture: F1.6
Lens Mount: M12
Viewing Angle: horizontal FOV 79°, vertical FOV 43°,
diagonal FOV 93°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP66
Dirital Noise Reduction: 3D DNR

Digital Noise Reduction: 3D DNR

WDR. DWDR VIDEO/IMAGE:

VIDEO/IMAGE:
Video Compression: Main streamH.265+H.265H.264+H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps,
15fps, 20fps, 25fps, 30fps, Resolution- 2560x1440,
2304x1296, 2048x1280, 1920x1080
Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light

Infrared Light
Video Bit Rate: Main Stream 256 Kbps to 4 Mbps,
Sub-Stream 64 Kbps to 512 Kbps
SMART FEATURE-SET:

SMAR I FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal

Basic Event: Motion Detection, Camera Tampering Detection.

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS

Built-in Microphone: Yes

Bulli-In Micropriore. 165
Bulli-In Speaker: Yes
Certification: CE/BSMI/VCCI//ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,
Waterproof Cable Attachments, Mounting Accessories
Environment: Operating Temperature -30°~60°

Net Price: 77.00 USD Unit: pcs

## 4 Mpx Outdoor Bullet Network Camera lens 6mm (TP-Link VIGI C340 6mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've
- set, obstructs the camera, or removes/abandons objects. - Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio: Intelligently detect activities, inform you instantly and response automatically by smart detection and
- two-way audio.

   H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- IP67 Waterproof: Reliable IP67 for stable outdoor performance
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-In Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3a/fat, class 0)
Power Consumption: 12V DC Max 7.5W, PoE Class 0
Dimensions( H X W X D): 78 × 70 × 174 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK: NFTWORK.

NE IWORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPP, UPP, USL/TLS
API: ONVIF

Simultaneous Live View: 3 Main Streams & 3 Sub-Streams CAMERA

Image Sensor: 1/3" Progressive Scan CMOS Lens: 6 mm

Aperture: F1.6 Lens Mount: M12

Lens Mount: M12 Viewing Angle: horizontal FOV 50°, vertical FOV 27°, diagonal FOV 57° Day/Night Mechanism: IR Cut Filter IR Working Distance: 30m

Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR Weatherproof Rating: IP66

Digital Noise Reduction: 3D DNR

WDR. DWDR

WDR: DWDR
VIDEO/IMAGE:
Video Compression: Main streamH.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate - 1fps, 5fps, 10fps,
15fps, 20fps, 25fps, 30fps, Resolution- 2560x1440,
2304x1296, 2048x1280, 1920x1080
Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light

Infrared Light
Video Bit Rate: Main Stream 256 Kbps to 4 Mbps,
Sub-Stream 64 Kbps to 512 Kbps
SMART FEATURE-SET:

SWART FEATURE-SET: Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal

Basic Event: Motion Detection, Camera Tampering Detection.

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS: Built-in Microphone: Yes

Built-in Speaker: Yes Certification: CE/BSMI/VCCI/ONVIF Package Contents: VIGI Network Camera, Quick Start Guide, Waterproof Cable Attachments, Mounting Accessories Environment: Operating Temperature -30°~60°





#09299

Net Price: 78.70 USD Unit: pcs

## 4 Mpx Outdoor Dome Network Camera lens 2.8mm (TP-Link VIGI C240 2.8mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera - IK10 Vandal-Proof & IP67 Waterproof: With
- vandal-resistant, rugged housing and waterproof design, this VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-in Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 5.4W, PoE Class 0
Dimensions( H X W X D): 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
Pan/Till Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to 360°

NETWORK:

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Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
ABI: ONLY I

API: ONVIF CAMERA:

CAWIETA:
Image Sensor: 1/3" Progressive Scan CMOS
Lens: 2.8 mm
Aperture: F1.6
Lens Mount: M12

Viewing Angle: horizontal FOV 95.7°, vertical FOV 51,7°, diagonal FOV 113°
Day/Night Mechanism: IR Cut Filter

IR Working Distance: 30m Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR Weatherproof Rating: IP67 Vandal Resistant: IK10

Digital Noise Reduction: 3D DNR WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480,

352x288, 320x240 332x288, 320x240

Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by
Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion

Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal

Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

OFFIELDS.
Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories Environment: Operating Temperature -30°~60°





Net Price: 78.70 USD Unit: pcs

### 4 Mpx Outdoor Dome Network Camera lens 4mm (TP-Link VIGI C240 4mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.
  - IK10 Vandal-Proof & IP67 Waterproof: With
- vandal-resistant, rugged housing and waterproof design, this VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- easy.
   Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-in Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 5.4W, PoE Class 0
Dimensions( H X W X D) 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
Pan/Tilt Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to 360°

NETWORK:

NETWORN.
Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS

API: ONVIF CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS

Lens: 4 mm Aperture: F1.6 Lens Mount: M12

Viewing Angle: horizontal FOV 79.7°, vertical FOV 42.9°, diagonal FOV 93.9° Day/Night Mechanism: IR Cut Filter

Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Vandal Resistant: IK10
Digital Noise Reduction: 3D DNR
WDR: DWDR
WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 125ps, 20fps, 25ps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480,

2048X1280, 1920X1080, 1280X720, 704X576, 640X480, 352X288, 320X240
Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Image Emantement BLC/3D DINR/Prevent Overexposure to Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event: Human & Vehicle Classification, Intrusion
Detection, Line-Crossing Detection, Human Detection,
Vehicle Detection, Region Entering Detection, Region Exiting
Detection, Object Abandoned Detection, Object Removal Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region

OTHERS:

Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,

Mounting Accessories

Environment: Operating Temperature -30°~60°





Net Price: 106.00 USD Unit: pcs

## 4 Mpx Outdoor Pan Tilt Network Camera lens 4mm (TP-Link VIGI C540 4mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Powerful Pan Tilt: Customized patrol routes and auto tracking provide more intelligent options to monitor key areas and improve security within your property.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Automatic Tracking: Continues following specified moving persons or vehicles with Pan Tilt cameras intelligently analyzing the image.
  - Active Defense: Warn potential intruders instantly with
- sound and light when abnormal events.

   Two-Way Audio: Intelligently detect activities, inform you
- instantly and response automatically by smart detection and two-way audio.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- IP66 Waterproof: Reliable IP66 for stable outdoor performance
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

HARDWARE FEATURES:
Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port

Port
On-board Storage: Built-In Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3affat, class 0)
Power Consumption: 12V DC Max 14W, PoE Class 0
Dimensions(H X W X D): 120 × 172 × 198 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK.

NETWORK:

NE I WORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIF

CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS Lens: 4 mm Aperture: F1.6

Aperture: F1.6
Lens Mount: M12
Viewing Angle: horizontal FOV 79°, vertical FOV 43°,
diagonal FOV 93°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Pan/lilt Range: Pan 0° to 350°, Tilt 0° to 120°
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP66
Digital Noise Reduction: 3D DNR
WDR: DWDR
VIDEO/IMAGE:
Video Compression: Main stream-

Video Compression: Main stream-

Video Compression: Main stream-H.265/H.265/H.264-H.265/H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264-H.264

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event:Human & Vehicle Classification, Area Intrusion,
Detection, Line-Crossing Detection, People, Detection,
Vehicle Detection, People, P Vehicle Detection, Region Entering, Detection, Region Exiting Detection, Object, Abandoned Detection, Object Removal Detection

Basic Event: Motion Detection, Camera Tampering Detection,

Basic Event: Motion Detection, Carneta Tampening D Exception (Illegal Login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Audio Input: Built-in Microphone Audio Output: Built-in Speaker Certification: CE/BSMI/VCCI/ONVIF



Net Price: 129.00 USD Unit: pcs

## 4 Mpx Outdoor Pan Tilt Network Camera, Dual-Lens Varifocal (TP-Link VIGI C540V)

- 4MP Super-High Definition: 4MP offers more than enough pixels to pick up some of the more discreet details. - 24h Full-Color: Captures 24 hours of full-color details, even in pitch-black conditions, thanks to large-aperture lens, a high-sensitivity sensor, and 4× attached supplemental lights. - 3× Zoom: Allows for closer viewing of objects in expansive
- Instant Zoom: Zooming is instant without suffering from
- delays and image dragging.
   Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, removes/abandons objects, or
- enters/exits certain region.
   Powerful Pan Tilt: Customized patrol routes and auto tracking provide more intelligent options to monitor key areas and improve security within your property.
- Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere.
- H.265+: Compresses the video size without sacrificing video quality, easing the network load and saving disk space.
- IP66 Waterproof: Reliable IP66 for stable outdoo performance
- . Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port

Port
On-board Storage: Built-In Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 14W, PoE Class 0
Dimensions( H X W X D ): 107× 136× 139 mm
General Features: Two Streams, Mirror, Privacy Masks,
Passuved Reactivite Feature III-TIP Listoping

Password Reset via E-mail, HTTP Listening

NETWORK:

Security: Password Protection, HTTPS Encryption, IP

Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS

API: ONVIE

CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS Lens: 4-12 mm (Mieszany Zoom)

Aperture: F1.6 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 84°, vertical FOV 46°,
diagonal FOV 100°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Zoom: 3x Mixed Zoom
Pan/tilt Range: Pan 0° to 332°, Tilt 0° to 120°
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Ratino: IP66

Weatherproof Rating: IP66 Digital Noise Reduction: 3D DNR

WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE:
Video Compression: Main streamH.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264
Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps,
15fps, 20fps, 25fps, 30fps, Resolution-2560x1440,
2304x1296, 2048x1280, 1920x1080, 1280x720
Video Streaming: 3 Main Streams & 3 Sub-Streams
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light

Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event:Human & Vehicle Classification, Area Intrusion, Detection, Line-Crossing Detection, People, Detection, Vehicle Detection, Region Entering, Detection, Region Exiting Detection, Object, Abandoned Detection, Object Removal

Detection

Detection
Basic Event: Motion Detection, Camera Tampering Detection,
Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Audio Input: Built-in Microphone Audio Output: Built-in Speaker Certification: CE, EAC, UKCA, RCM, Triman, BSMI, VCCI,

FCC. IC

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories Environment: Operating Temperature -30°~60°

97/167





Net Price: 125.00 USD Unit: pcs

## 4 Mpx Outdoor Pan Tilt Wi-Fi Camera lens 4mm (TP-Link VIGI C540-W 4mm)

- 4MP Super-High Definition: The camera comes with 4MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Powerful Pan Tilt: Customized patrol routes and auto tracking provide more intelligent options to monitor key areas
- and improve security within your property.

   Wireless Outdoor Connection: Simple and quick deployment with Wi-Fi signals.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Automatic Tracking: Continues following specified moving persons or vehicles with Pan Tilt cameras intelligently
- analyzing the image.
   Active Defense: Warn potential intruders instantly with
- sound and light when abnormal events.

   Two-Way Audio: Intelligently detect activities, inform you instantly and response automatically by smart detection and two-way audio.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- IP66 Waterproof: Reliable IP66 for stable outdoor performance
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- easy. -Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

On-board Storage: Built-In Memory Card Slot, Support MicroSD Card, Up to 256 GB

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Consumption: 12V DC Max 15.3W Dimensions( H X W X D ): 120 × 172 × 198 mm General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening

NETWORK:

NETWORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPP UDP, SSL/TLS
Frequency: 2.4 GHz
API: ONVIF

Image Sensor: 1/3" Progressive Scan CMOS

Lens: 4 mm
Aperture: F1.6
Lens Mount: M12

Viewing Angle: horizontal FOV 79°, vertical FOV 43°, diagonal FOV 93°
Day/Night Mechanism: IR Cut Filter

Pan/titl Registance: 30m
Pan/titl Range: Pan 0° to 350°, Tilt 0° to 120°
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP66 Digital Noise Reduction: 3D DNR WDR: DWDR VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265/H.264/H.265/H.264/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 20fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light Video Bit Rate: 64 Kbps to 4 Mbps

SMART FEATURE-SET: Smart Event:Human & Vehicle Classification, Area Intrusion, Detection, Line-Crossing Detection, People, Detection, Vehicle Detection, Region Entering, Detection, Region Exiting Detection, Object, Abandoned Detection, Object Removal

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Environment: Operating Temperature -30°~60°



#09288 Net Price: 74.00 USD

# Unit: pcs

### 4 Mpx Outdoor Turret Network Camera lens 4mm (TP-Link VIGI C440 4mm)

#09289

Net Price:

74.00 USD

Unit: pcs

- 4MP Ultra-High Definition: The VIGI C440 comes with 4MP-more than enough pixels to pick up some of the more discrete details

- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, via high-sensitivity sensor and included spotlight LEDs. - Smart Detection (motion detection, area intrusion,

line-crossing, video tampering); Receive notifications and check feeds when someone crosses a boundary, enters an area vou've set, or obstructs the camera. - H.265+ Smart Coding: Without using any extra bandwidth,

your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- PoE/12V DC: Two power supply ways not only give you

more convenience but also make your wiring remarkably

- Remote Monitoring: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial P Plug, PoE (802.3affat, class 0) Power Consumption: 12V DC Max 5.5W, PoE Class 0 Dimensions( H X W X D ): 123 × 123 × 84 mm General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening

NETWORK:

Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,

RTSP, NTP, UPnP UDP, SSL/TLS API: ONVI CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS Lens: 4 mm

Aperture: F1.6 Lens Mount: M12

Viewing Angle: horizontal FOV 79°, vertical FOV 43°, diagonal FOV 93°

Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265+/H.265+/H.264+/H.264, Sub-Stream- H.265+/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 20fps, 168-108-108-108-108-108-108-108

352x288, 320x240

352X2266, 320X240 Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Detection
Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Audio Input: Built-in Microphone
Audio Output: Built-in Speaker
Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories
Environment: Operating Temperature -30°~60°

### 4 Mpx Outdoor Turret Network Camera lens 2.8mm (TP-Link VIGI C440 2.8mm)

- 4MP Ultra-High Definition: The VIGI C440 comes with 4MP-more than enough pixels to pick up some of the more discrete details.

- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, via high-sensitivity sensor and included spotlight LEDs.

Smart Detection (motion detection, area intrusion, line-crossing, video tampering); Receive notifications and check feeds when someone crosses a boundary, enters an area vou've set, or obstructs the camera. - H.265+ Smart Coding: Without using any extra bandwidth,

your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- PoE/12V DC: Two power supply ways not only give you

more convenience but also make your wiring remarkably - Remote Monitoring: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Prilug, PoE (802.3affat, class 0)
Power Consumption: 12V DC Max 5.5W, PoE Class 0
Dimensions( H X W X D ): 123 × 123 × 84 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening NETWORK:

Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,

RTSP, NTP, UPnP UDP, SSL/TLS

CAMERA:

Image Sensor: 1/3" Progressive Scan CMOS Lens: 2.8 mm

Aperture: F1.6 Lens Mount: M12

Lens Mount: M12
Viewing Angle: horizontal FOV 102°, vertical FOV 55°,
diagonal FOV 122°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

Video Streaming: Main Stream, Sub-Stream
Image Settings: Mirror, Brightness, Contrast, Saturation,
Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light

Video Bit Rate: 64 Kbps to 4 Mbps SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Audio Input: Built-in Microphone Audio Output: Built-in Speaker Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories
Environment: Operating Temperature -30°~60°





Net Price: 84.00 USD Unit: pcs

## 4 Mpx Outdoor Turret Wi-Fi Camera lens 4mm (TP-Link VIGI C440-W 4mm)

- 4MP Ultra-High Definition: The VIGI C440 comes with 4MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, via high-sensitivity sensor and included spotlight LEDs.
- Wireless Connection: Simple and quick deployment with Wi-Fi signals.
- Smart Detection (motion detection, area intrusion, line-crossing, video tampering): Receive notifications and check feeds when someone crosses a boundary, enters an area vou've set, or obstructs the camera.
- H.265+ Smart Coding: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring
- costs without sacrificing image quality.
   Remote Monitoring: Manage your security from the palm of your hand with the VIGI app.

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

On-board Storage: Built-In Memory Card Slot, Support MicroSD Card, Up to 256 GB

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Plug,
Power Consumption: 12V DC Max 7W
Dimensions( H X W X D ): 123 × 123 × 84 mm
General Features: Two Streams, Mirror, Privacy Masks,
Password Reset via E-mail, HTTP Listening
NETWORK:

Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,

RTSP, NTP, UPnP UDP, SSL/TLS API: ONVIF Wireless Rate: 11 Mbps (802.11b), 54 Mbps (802.11g), 150

Wheless Rate: 11 Mups (602:119), 34 Mups (602:119), 130 Mbps (802:111)
Frequency: 2.4 GHz
Wireless Security: WPA:WPA2-PSK
Simultaneous Live View: 3 Main Streams & 3 Sub-Streams

Image Sensor: 1/3" Progressive Scan CMOS

Lens: 4 mm Aperture: F1.6 Lens Mount: M12

Viewing Angle: horizontal FOV 79°, vertical FOV 43°, diagonal FOV 93° Day/Night Mechanism: IR Cut Filter

Day/riight Medicalismin: IX out Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Digital Noise Reduction: 3D DNR
WDR: DWDR
VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265/H.264/H.265/H.264/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution- 2304x1296, 2048x1280, 1920x1080, 1280x720, 704x576, 640x480, 352x288, 320x240

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to
Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:
Smart Event: Area Intrusion Detection, Line-Crossing

Detection
Basic Event: Motion Detection, Camera Tampering Detection,
Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:

Audio Input: Built-in Microphone

Audio Output: Built-in Speaker
Certification: CE/BSMI/VCCI/ONVIF
Package Contents: VIGI Network Camera, Quick Start Guide,

Mounting Accessories
Environment: Operating Temperature -30°~60°



#09326

Net Price: 1.80 USD Unit: pcs

### 4Mpx Pan/Tilt Wi-Fi Camera (TP-Link Tapo C220)

- High-Quality Video Recording: Capture every detail with exceptional clarity in 2K 4MP QHD resolution.
  - Wide Range of Movement: Enjoy a full 360° horizontal and
- 114° vertical range for pan and tilt, allowing you to cover more area.
- -Enhanced Night Vision: See clearly even in low-light conditions with advanced night vision that provides visibility
- Smart Al Detection and Notifications: Benefit from smart Al technology that detects relevant events and sends you instant
- Sound and Light Alarm: Scare away unwanted visitors using a sound and light alarm that triggers attention-grabbing
- Two-Way Audio: Enables communication through a built-in microphone and speaker
- Safe Storage: Store footage directly on a microSD card with a capacity of up to 512 GB, ensuring safe and convenient
- storage.(microSD card purchased separately.)
   Hands-Free Operation: Control the device using your voice with compatibility for Google Assistant and Amazon Alexa, freeing up your hands for other tasks. (Availability of Google Assistant and Amazon Alexa may vary based on language and country)

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9.0V/0.6A

Dimensions( H X W X D ): 3.4 x 3.3 x 4.6 in. (86.6 x 85 x 117.7 mm)

117.7 mm)
WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n, Up to 72.2Mbps
Frequency: 2.4-2.4835GHz
Wireless Encryption: WEP, WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
ONVIF: Supported
Cloud: Supported
CAMERA:
Image Sensor: 1/38#8220:

CAMERA:
Image Sensor: 1/38#8220;
Resolution: 4 Mpx QHD (2560 x 1440)
Lens: Focal Length 4.0mm+/-5%, F/NO 2.0+/-10%
Viewing Range: 360° horizontal, 114° vertical
Night Vision: 850 nm IR LED up to 30 ft
ACTIVITY NOTIFICATIONS
Input Trigger: Motion detection, Person detection, line Crossing detection, Tamper detection, Baby Crying Detection, Vehicle Detection, Pet Detection, Meow Detection, Bark Detection, Glass Detection

Output Notification: Notification, Snapshot(Tapo care).

Clips(Tapo care)
AUDIO:
Audio Communication: 2-Way

Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

Certification: FCC, IC, CE, NCC
Package Contents: Tapo Pan/Tilt Home Security Wi-Fi
Camera, Power Adapter, Quick Start Guide, Mounting
Screws, Mounting Plate, Camera Base
Environment: Operating Temperature 0°~40° (32°~104°),
Storage Temperature -20°~60°, Operating Humidity

10%~90% non-condensing, Storage Humidity 5%~90% non-condensing

#### Computer Network Accessories



#09341

Net Price: 85.40 USD Unit: pcs

## 5 Mpx Outdoor Dome Network Camera lens 2.8mm (TP-Link VIGI C250 2.8mm)

- 5MP Super-High Definition: The camera comes with 5MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Actively detects abnormal events like area intrusion and line-crossing, sending notifications to you instantly.
- People & Vehicle Analytics: Quickly find people and vehicles of interest using a series of attributes, allowing you to improve search efficiency.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.

  - IK10 Vandal-Proof & IP67 Waterproof: With
- vandal-resistant, rugged housing and waterproof design, this VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
  - H.265+: Without using any extra bandwidth, your cameras
- transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without
- sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, True WDR, 3D DNR, and
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port On-board Storage: Built-in Memory Card Slot, Support MicroSD Card, Up to 256 GB Power Requirements: 12V DC +/-5%, 5.5mm Coaxial Power Plug, PoE (802.3af/at, class 0) Power Consumption: 12V DC Max 4.7W, PoE Class 0
Dimensions( H X W X D ): 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,

Password Reset via E-mail, HTTP Listening Pan/Tilt Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to

360°

360°
NETWORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIF
CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 2.8 mm

Lens: 2.8 mm
Aperture: F1.6
Lens Mount: M12
Viewing Angle: horizontal FOV 109°, vertical FOV 57°,
diagonal FOV 128°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Vandal Resistant: IK10
Dioital Noise Reduction: 3D DNR Digital Noise Reduction: 3D DNR WDR: DWDR VIDEO/IMAGE:

Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution-2880x1620,2688x1520, 2304x1296, 2048x1280,

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Client Software Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light Video Bit Rate: 64 Kbps to 4 Mbps SMART FEATURE-SET: Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection Detection

Detection
Basic Event: Motion Detection, Camera Tampering Detection,
Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:
Certification: CE, NTRA, VCCI, KC, BSMI, FCC, IC
Package Contents: VIGI Network Camera, Quick Start Guide,
Mounting Accessories
Environment: Operating Temperature -30°~60°



Net Price: 85.40 USD Unit: pcs

## 5 Mpx Outdoor Dome Network Camera lens 4mm (TP-Link VIGI C250 4mm)

- 5MP Super-High Definition: The camera comes with 5MP-more than enough pixels to pick up some of the more discrete details
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Actively detects abnormal events like area intrusion and line-crossing, sending notifications to you instantly.
- People & Vehicle Analytics: Quickly find people and vehicles of interest using a series of attributes, allowing you to improve search efficiency.
- Built-In Microphone: Features a built-in microphone to record anything going on within a 15-ft radius of the camera.

  - IK10 Vandal-Proof & IP67 Waterproof: With vandal-resistant, rugged housing and waterproof design, this
- VIGI dome camera is built tough to withstand vandalism and harsh environments with rain and dust for constant security anywhere and anytime.
  - H.265+: Without using any extra bandwidth, your cameras
- transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without
- sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, True WDR, 3D DNR, and
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES: Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Port
On-board Storage: Built-in Memory Card Slot, Support
MicroSD Card, Up to 256 GB
Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power
Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 4.7W, PoE Class 0
Dimensions( H X W X D ): 115 × 115 × 86 mm
General Features: Two Streams, Mirror, Privacy Masks,
Passwerd Report via Engil HTTP Listoring Password Reset via E-mail, HTTP Listening Pan/Tilt Range: Pan 0° to 360°, Tilt 0° to 85°, Rotate 0° to

360°

NETWORK.

NETWORK:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIF
CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 4 mm

Lens: 4 mm
Aperture: F1.6
Lens Mount: M12
Viewing Angle: horizontal FOV 90°, vertical FOV 48°,
diagonal FOV 107°
Day/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR
Weatherproof Rating: IP67
Vandal Resistant: IK10
Digital Noise Reduction: 3D DNR
WDR: DWDR

WDR: DWDR VIDEO/IMAGE:

Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution-2880x1620,2688x1520, 2304x1296, 2048x1280,

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software

Client Software Image Enhancement: BLC/3D DNR/Prevent Overexposure to Infrared Light Video Bit Rate: 64 Kbps to 4 Mbps SMART FEATURE-SET: Smart Event: Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection Detection

Detection
Basic Event: Motion Detection, Camera Tampering Detection,
Exception (Illegal Login)
Linkage Method: Trigger Notification ONVIF, HTTPS
Region of Interest: 1 Region
OTHERS:
Certification: CE, NTRA, VCCI, KC, BSMI, FCC, IC
Package Contents: VIGI Network Camera, Quick Start Guide,
Mounting Accessories
Environment: Operating Temperature -30°-60°

NEW



#09343

Net Price: 85.40 USD Unit: pcs

## 5 Mpx Outdoor Turret Network Camera lens 2.8mm (TP-Link VIGI C450 2.8mm)

- 5MP Super-High Definition: The camera comes with 5MP-more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Actively detects abnormal events like area intrusion and line-crossing, sending notifications to you instantly.
- People & Vehicle Analytics: Quickly find people and vehicles of interest using a series of attributes, allowing you to improve
- search efficiency.

   Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere.
- Corridor Mode: Allows you to change the image aspect ratio from 16:9 to 9:16, and helps to monitor long and narrow
- H.265+△: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs
- without sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, True WDR, 3D DNR, and
- Night Vision.

   PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES

vork Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial PC Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 5.5W, PoE Class 0
Dimensions( H X W X D ): 123 × 123 × 84 mm
General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
NETWORK:

Security: Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS API: ONVIF

CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 2.8 mm Aperture: F1.6

Lens Mount: M12

Viewing Angle: horizontal FOV 109°, vertical FOV 57°, diagonal FOV 128°

ulagorial FOV 125 Day/Night Mechanism: IR Cut Filter IR Working Distance: 30m Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67 Digital Noise Reduction: 3D DNR WDR: DWDR

VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps, Resolution-2880x1620,2688x1520, 2304x1296, 2048x1280, 1920x1080,1280x720

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light Video Bit Rate: 64 Kbps to 4 Mbps SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Audio Input: Built-in Microphone Audio Output: Built-in Speaker Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories

Environment: Operating Temperature -30°~60°

NFW



#09344

Net Price: 85.40 USD Unit: pcs

### 5 Mpx Outdoor Turret Network Camera lens 4mm (TP-Link VIGI C450 4mm)

- 5MP Super-High Definition: The camera comes with 5MP-more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Actively detects abnormal events like area intrusion and line-crossing, sending notifications to you instantly.
- People & Vehicle Analytics: Quickly find people and vehicles of interest using a series of attributes, allowing you to improve search efficiency.

  - Active Defense: Warn potential intruders instantly with
- sound and light when abnormal events.
- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere.
- Corridor Mode: Allows you to change the image aspect ratio from 16:9 to 9:16, and helps to monitor long and narrow
- H.265+△: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs
- without sacrificing image quality.
   Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, True WDR, 3D DNR, and
- Night Vision.

   PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably
- Flexible Management and Storage: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. - Local storage is available for each method, as well as onboard storage with SD card slot (up to 256 GB).

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet

Power Requirements: 12V DC +/- 5%, 5.5mm Coaxial Power

Plug, PoE (802.3af/at, class 0)
Power Consumption: 12V DC Max 5.5W, PoE Class 0
Dimensions( H X W X D): 123 × 123 × 84 mm General Features: Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening NETWORK:

NETWORN:
Security: Password Protection, HTTPS Encryption, IP
Address Filter, Digest Authentication
Protocol: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
RTSP, NTP, UPnP UDP, SSL/TLS
API: ONVIF
CAMERA:

Image Sensor: 1/2.7" Progressive Scan CMOS Lens: 4 mm Aperture: F1.6

Lens Mount: M12

Viewing Angle: horizontal FOV 90°, vertical FOV 48°, diagonal FOV 107°

bay/Night Mechanism: IR Cut Filter
IR Working Distance: 30m
Minimum Illumination: Color 0.1 Lux@F2.0, 0 Lux with IR

Weatherproof Rating: IP67 Digital Noise Reduction: 3D DNR WDR: DWDR VIDEO/IMAGE:

VIDEO/IMAGE: Video Compression: Main stream-H.265+/H.265/H.264+/H.264, Sub-Stream- H.265/H.264 Frame Rate & Resolutions: Frame Rate- 1fps, 5fps, 10fps,

Tafips, 20fps, 25fps, 30fps, Resolution-2880x1620,2688x1520, 2304x1296, 2048x1280, 1920x1080,1280x720

Video Streaming: Main Stream, Sub-Stream Image Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by

Client Software
Image Enhancement: BLC/3D DNR/Prevent Overexposure to

Infrared Light
Video Bit Rate: 64 Kbps to 4 Mbps
SMART FEATURE-SET:

Smart Event: Area Intrusion Detection, Line-Crossing

Basic Event: Motion Detection, Camera Tampering Detection,

Exception (Illegal Login) Linkage Method: Trigger Notification ONVIF, HTTPS Region of Interest: 1 Region OTHERS:

Audio Input: Built-in Microphone Audio Output: Built-in Speaker Certification: CE/BSMI/VCCI/ONVIF

Package Contents: VIGI Network Camera, Quick Start Guide, Mounting Accessories

Environment: Operating Temperature -30°~60°





Net Price: 115.00 USD Unit: pcs

### #09294

Net Price: 209.00 USD Unit: pcs

#### #09035

Net Price: 30.20 USD Unit: pcs

#### 8 Channel Network Video Recorder (TP-Link VIGI NVR1008H)

- 24/7 Continuous Recording: Automatically stores up to 10 TB of footage from connected cameras to secure your data for quick, convenient access
- 8-Channel Real-Time Live View: Sharp image definition up to 5MP and an 8 channel display ensures you capture every detail, from every angle.
- Simultaneous Playback: Replay the feed from up to 4 cameras at the same time, increase replay speed, and find events in the video schedule to easily review footage.
- Remote Monitoring: Dedicated VIGI app is developed for remote monitoring, providing ease and convenience.
- H.265+: Without using any extra bandwidth, your camera transmits compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- ONVIF EnsureS Compatibility: Easily add IPCs from VIGI and other brands to establish a powerful and varied network thanks to barrier-free compatibility.
- 1 HDD Interface (up to 10 TB)△: Stores up to 10 TB (720 days of video) on a SATA hard drive, keeping your data storage secured locally.
- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere. Suitable for management.

  - 80 Mbps Video Access Bandwidth: High video access
- bandwidth ensures your NVR connects more cameras with high resolution. Based on laboratory testing using VIGI cameras, VIGI NVR can connect up to eight 4MP cameras.

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port, 2× USB 2.0 External Power Supply: 12V DC, no more than 18 W Dimensions( H X W X D ): 246.2 × 148.2 × 45 mm

Weight: 578.5 g Power Consumption: 4.25 W (without disk), 13.10 W (with

Power Consumption: 4.25 W (without disk), 13.10 W (with disk)
NETWORK:
Protocol: TCP/IP, DHCP, DNS, NTP, UPnP
Incoming Bandwidth: 80 Mbps
Outgoing Bandwidth: 60 Mbps
VIDEO/IMAGE:
Video Input: 8-Channel IP Video Input, up to 5 MP Resolution
Video Output: Recording Resolution 5 MP/ 4 MP/3
MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF,
HDMI/VGA Output Resolution 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1680 × 1050/60Hz, 1440 × 900/60Hz
DECODING:
Decoding Format: H.265+/H.265/ H.264+/H.264

Decoding Format: H.265+/H.265/ H.264+/H.264 Live View/Playback Resolution: 5 MP/ 4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF Capability: 1-ch @ 5MP, 2-ch @ 2MP, 4-ch @ 720p HARD DISK: SATA: 1 SATA Interface

Capacity: Up to 10 TB OTHERS:

Package Contents: VIGI Network Video Recorder, Power Adapter, HDD Screws, Mouse, Quick Installation Guide Environment: Operating Temperature -10°~55°

## 8 Channel Network Video Recorder with PoE+ (TP-Link VIGI NVR1008H-8P)

- 4K HDMI Video Output & 16MP Decoding Capacity: Sharp image definition up to 8MP and a 4-channel display ensures
- you capture every detail, from every angle†.
   Simplified Deployment with PoE+: Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.
- 8-Channel Simultaneous Playback§: Replay the feed from up to 4 cameras at the same time, increase replay speed. and find events in the video schedule to easily review
- H.265+: Without using any extra bandwidth, your camera transmits compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- ONVIF Ensures Compatibility△: Easily add IPCs from VIGI and other brands to establish a powerful and varied network thanks to barrier-free compatibility.
- Plug & Play: Allows new and unused VIGI IP Cameras to be added automatically to the new NVR and activated instantly,
- making installation faster than ever before.
   24/7 Continuous Recording: Stores up to 10 TB of footage from connected cameras to secure your data for quick, convenient access.
- Remote Monitoring: The dedicated VIGI app and VIGI Security Manager enable remote monitoring, providing ease and convenience.
- Two-Way Audio: With voice intercom support, carry two-way conversations while watching your feed from anywhere Suitable for management.
- 80 Mbps Video Access Bandwidth: High video access bandwidth ensures your NVR manages more cameras with high resolution. Based on laboratory testing using VIGI cameras, VIGI NVR can manage up to four 4MP cameras

HARDWARE FEATURES:

Network Interface: 1 RJ45 10/100M Self-Adaptive Ethernet Port, 2× USB 2.0

External Power Supply: 53,5V DC/1.31 A
Dimensions( H X W X D ): 294 × 180 × 44 mm
PoE Standard: 802.3af/at

PoE Ports: Ports 1-8 PoE Budget: 53 W

Power Consumption: 2.38 W (without disk) 12.94 W (with

NETWORK: Protocol: TCP/IP, DHCP, DNS, NTP, UPnP

Incoming Bandwith: 80 Mbps
Outgoing Bandwidth: 60 Mbps
VIDEO/IMAGE:

Video Input: 8-Channel IP Video Input, up to 8 MP Resolution Recording Resolution: 8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI

F/CIF/QCIF

HDMI Output Resolution: 1 Channel, Resolution 3840x2160/30Hz,1920x1080/60Hz,1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz,1024x768/60Hz, 1280x720/60Hz VGA Output Resolution: 1 Channel, Resolution

1920x1080/60Hz,1680x1050/60Hz,1440x900/60Hz, 1280x1024/60Hz, 1024x768/60Hz,1280x720/60Hz DECODING:

Decoding Format: H.265+/H.265/ H.264+/H.264 Live View/Playback Resolution: 8MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CI

F/CIF/QCIF

Capability: 2-ch @ 8MP, 4-ch @ 4MP, 8-ch @ 2MP HARD DISK: SATA: 1 SATA Interface

Capacity: Up to 10 TB OTHERS:

Package Contents: VIGI Network Video Recorder, Power Adapter, HDD Screws, Mouse, Quick Installation Guide Environment: Operating Temperature -10°~55°

### FullHD Pan/Tilt Wi-Fi Camera (TP-Link Tapo

- High-Definition Video: Records every image in crystal-clear 1080p definition
  - Pan and Tilt: 360° horizontal and 114° vertical range
- Advanced Night Vision: Provides a visual distance of up to
- Motion Detection and Notifications: Notifies you when the camera detects movement
  - Sound and Light Alarm: Trigger light and sound effects to
- frighten away unwanted visitors
- Two-Way Audio: Enables communication through a built-in microphone and speaker
- Safe Storage: Locally stores up to 128 GB on a microSD card, equal to 384 hours (16 days) of footage. (Based on laboratory conditions)
- Voice Control: Free Up Your Hands with Voice Control: Works with the Google Assistant and Amazon Alexa. (Google Assistant and Amazon Alexa are not - available in all languages and countries)

HARDWARE FEATURES:

Button: Reset

Adapter Input: 100-240VAC, 50/60Hz, 0.3A Adapter Output: 9.0V/0.6A Dimensions( H X W X D ): 3.4 x 3.3 x 4.6 in. (86.6 x 85 x

Dimensions (H X W X D ): 3.4 X 3.3 X 4.6 In. (86.6 X 85 X 117.7 mm)
WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n, Up to 150Mbps
Frequency: 2.4-2.4835GHz
Wireless Encryption: WEP, WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

CAMERA:
Image Sensor: 1/2.9"
Resolution: 1080p Full HD
Lens: F/NO 2.4; Focal Length 4mm
Viewing Range: 360° horizontal, 114° vertical
Night Vision: 850 nm IR LED up to 30 ft
ACTIVITY NOTIFICATIONS

Input Trigger: Motion detection
Output Notification: Push notification

AUDIO: Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker

OTHERS:

OTHERS:
Certification: FCC, IC, CE, NCC
Package Contents: Tapo Pan/Tilt Home Security Wi-Fi
Camera, Power Adapter, Quick Start Guide, Mounting
Screws, Mounting Plate, Camera Base
System Requirements: iOS 9+, Android 4.4+
Environment: Operating Temperature 0°-40° (32°-104°),
Storage Temperature -40°-70° (-40°-158°), Operating
Humidity 10%-90% non-condensing, Storage Humidity

5%~90% non-condensing





Net Price: 25.50 USD Unit: pcs

#### FullHD Wi-Fi Camera (TP-Link Tapo C100)

- High Definition Video Records every image in crystal-clear 1080p definition
- Advanced Night Vision Provides a visual distance of up to 30 ft
- Motion Detection and Notifications inform you when the
- camera detects movement
   Sound and Light Alarm trigger light and sound effects to
- frighten away unwanted visitors
   Two-Way Audio Enables communication through a built-in microphone and speaker
- Safe Storage Locally stores up to 128 GB on a microSD card, equal to 384 hours (16 days) of footage (based on
- laboratory conditions)
   Easy Setup and Management Manage everything with Tapo app

HARDWARE FEATURES:

PARDWARE FEATURES.

Button: Reset

Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9.0V/0.6A

Dimensions (H X W X D): 67,6 x 54,8 x 98,9 mm

WIRELESS FEATURES:

Wireless Data Rates: IEEE 802.11 b/g/n, Up to 150Mbps Frequency: 2.4-2.4835GHz Wireless Encryption: WEP, WPA/WPA2-PSK

Security: 128 bit AES encryption with SSL/TLS CAMERA: Image Sensor: 1/3.2"

Image Sensor: 173.2" Resolution: 1080p Full HD Lens: F/NO 2.0; Focal Length 3.3mm Night Vision: 850 nm IR LED up to 30 ft ACTIVITY NOTIFICATIONS Input Trigger: Motion detection Output Notification: Push notification AUDIO: Audio Communication: 2-Way

Audio Input: Built-in microphone Audio Output: Built-in speaker

Certification: FCC, IC, CE, NCC

Package Contents: Tapo Home Security Wi-Fi Camera, Power Adapter, Quick Start Guide, Mounting Screws, Mounting Plate,

Nothing Plate, System Requirements: iOS 9+, Android 4.4+ Environment: Operating Temperature 0°~40° (32°~104°), Storage Temperature 40°~70° (-40°~158°), Operating Humidity 10%-90% non-condensing, Storage Humidity 5%~90% non-condensing

### #09257

Net Price: 55.90 USD Unit: pcs

## Kasa Smart Thermostatic Radiator Valve Starter Kit (TP-Link KE100 KIT)

- Precise Temperature Control Get the right temperature
- whenever you want it.
   Schedule & Timer Make sure it is as hot as you need with presets and schedules that suit your life.
- Voice Control Hands-free control that syncs with Amazon Alexa, Google Assistant, or Siri ShortCuts.
- Frost Protection Keep your pipes unfrozen and your house
- Ultra-Long Standby Works with lot hub, promising longer battery life (over one year).
  - Up to 32 Radiators - Each hub can connect and manage up
- to 32 radiators.
- Versatile Compatibility Fits on most radiator valve body thread (M30x1.5) and the three adapters(RA, RAV & RAVL) included allow more compatibility.
- Hub Included Simply replace your old radiator valve with Kasa and get started right away.

HARDWARE FEATURES:

Wireless Type: Smart Radiator Valve- 868 MHz, Kasa Hub-2.4 GHz Wi-Fi, 868 MHz Dimensions: Smart Radiator Valve φ56.5 × 84 mm

(φ2.2 × 3.3 in), Kasa Hub 72×70.3×51 mm (2.8×2.7×2

Buttons: Smart Radiator Valve- Control Knob, SYNC/Reset Button, Kasa Hub- SYNC/Silence Button OTHERS:

Certification: CE, UKCA, RoHS Certification: CE, UNCA, KOHS
Package Contents: 1\* KE100, 1\* KH100, 2\* AA/LR6
batteries, 1\* Quick Start Guide, 1\* RA adapter, 1\* RAV
adapter, 1\* RAVL adapter, 1\* Cover Opener
System Requirements: Android 5.0 or higher, iOS 10 or
higher

Environment:Operating Temperature 0°~40°, Operating

Humidity 10%~90% non-condensing WORKING STATUS: Power Requirements: Smart Radiator Valve- 3.0V DC (2 x AA/LR6 batteries), Kasa Hub- AC, 100-240 V, 50/60 Hz



#### #09336

Net Price: 327.00 USD Unit: pcs

### LiDAR Navigation Robot Vacuum & Mop (TP-Link Tapo RV30)

- 4200Pa Hyper Suction Sweeps away debris sandwiched between gaps and dust hidden in carpets for a deeper, powerful clean
- LiDAR & Gyro Dual Navi System Accurately maps out your house in minutes, avoids omissions and repeated cleaning, and even works well in the dark.
- Vacuum and Mop Combo 3-level electronic mopping tackles sticky messes and kitchen grease for a more thorough
- Customizable Cleaning Merge and separate areas, set cleaning schedule, and customize clean modes for each room.
- 5-Hour Continuous Cleaning 5000 mAh battery for
- long-lasting, fade-free suction.2 Auto-Charging Returns to the charging dock automatically when the battery gets low, and then restarts right where it left
- Carpet Auto-Boost Increases the suction power when moving from a hard floor to a carpet.
- Voice & Remote Control Simply send voice commands via smart speakers or control via the Tapo app.
- Real-time Voice Reporting Keeps you informed about the robot's current status.

HARDWARE FEATURES:

Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, Bluetooth 4.2

Dimensions ( H x D x W ): 342.2 × 341.8 × 95 mm (13.5 × 13.5 × 3.7 in)
Buttons: Power button

WIRELESS FEATURES: Frequency: 2.4-2.4835GHz MAPPING & NAVIGATION FEATURES

Mapping/Path Planning: LiDAR + Gyroscope High-Precision Map: Yes Obstacle Avoidance: LiDAR Barrier-Cross Height: 20 mm/0.79 in

Barner-Cross Height: 20 mm Anti-Drop Protection: Yes BATTERY Battery Capacity: 5000 mAh Recharge & Resume: Yes VACUUMING FEATURES Max Suction Power: 4200Pa

Suction Level Adjustment: 4 levels Dustbin Capacity: 400 ml Dustbin Detection: Yes

HEPA Filter :H11

Noise: 55 dB (Quiet Mode), 60 dB (Default/Standard)

Noise: 53 bis (Guiet Mode), 60 dis (Delaulus Carpet Boost: Yes MOPPING FEATURES)
Wet Mopping: Yes Mopping Type: Electric Water Flow Control Water Level Adjustment: 3 levels
Water Tank Capacity: 300 ml
APP FEATURES
Pool Time Tracking: Yes

Real-Time Tracking: Yes Multi-Floor Mapping: Yes Scheduled Cleaning: Yes

Virtual Walls: Yes No-Go Zones: Yes Zone Cleaning: Yes

Package Contents: Robot Vacuum Cleaner ×1, Charging Base ×1, Mop Cloth Mount ×1, Power Adapter ×1, Quick Installation Guide, Washable Mop Cloth ×2, Side Brush ×2, HEPA Filter ×2, Cleaning Brush ×1

OTHERS

Patrol Input Veltage: 400,340,VAC, 50/60 Hz

Max Charging Power Consumption: 12.6W(DC16.8V 750mA)
Max Working Power Consumption: 45W
Child & Pet Lock: Yes

Works with Google Home: Yes

Works with Amazon Alexa: Yes



Net Price: 23.40 USD Unit: pcs

#09157 Net Price:

1.80 USD Unit: pcs

NEW

#09327 Net Price: 93.30 USD Unit: pcs

#### Mini Smart Plug Wi-fi (TP-Link Tapo P100 (2-Pack))

- Remote Control Instantly turn connected devices on/off wherever you are through the Tapo app
- Schedule Preset a schedule to automatically manage devices
- Timer Create countdown timer lists for connected electronics
- Voice Control Manage your smart plug with voice commands via Amazon Alexa or the Google Assistant
- Away Mode Automatically turns devices on and off at different times to give the appearance that someone is home
- Compact Design Mini-sized to avoid blocking adjacent sockets
- Easy Setup and Use No hub required, set up quickly and manage easily through the free app

HARDWARE FEATURES:

Standards and Protocols: IEEE 802.11b/g/n, Bluetooth 4.2

Standards and Protocols: IEEE 802.11b/g/n, Bluetooth 4.2 (for onboarding only)
Plug Type: EU
Wireless Type: 2,4GHz
Button: Power button, Status LED
Dimensions ( W x D x H ): 2.0\* 2.8\* 1.6 in (51\*72.0\*40 mm)
Power Requirements: AC 220-240 V~50/60 Hz 10 A
Maximum Power: 2.3KW

OTHERS: Certification: RoHS, CE

Package Contents: Smart Plug Tapo P100, Quick Start Guide System Requirements: Android 4.4 or higher, iOS 9.0 or higher

Environment:Operating Temperature 0°~35° , Operating Humidity 10%~90% non-condensing

### Outdoor Security Wi-Fi Camera (TP-Link Tapo

- Ultra-High-Definition Video: Records every image in crystal-clear 3MP definition.
- Wired or Wireless Networking: Connect your camera to the network through Ethernet or WiFi for more flexible installation.
- Advanced Night Vision: Provides a visual distance of up to 98 ft (30m) even in total darkness.
- Motion Detection and Notifications: Notifies you when the camera detects movement. Sound and Light Alarm: Trigger light and sound effects to
- frighten away unwanted visitors Two-Way Audio: Enables communication through a built-in
- microphone and speaker. - Safe Storage: Locally stores up to 128 GB 3MP video on a microSD card, offering convenient access to your video
- Voice Control: Free Up Your Hands with Voice Control: Works with the Google Assistant and Amazon Alexa. (Google Assistant and Amazon Alexa are not available in all languages and countries).

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9.0V/0.6A

Dimensions( H X W X D ): 5.6 x 4.1 x 2.5 in. (142.3 x 103.4 x

64.3 mm) WIRELESS FEATURES:

WIRCLESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n, Up to 150Mbps
Frequency: 2.4-2.4835GHz
Wireless Encryption: WEP, WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

Image Sensor: 1/2.7" Resolution: 3 MP (2304 × 1296) Lens: F/NO 2.2; Focal Length 3.89mm Night Vision: 850 nm IR LED up to 98 ft (30m)

Video Compression: H.264
Frame Rate: 15fps
ACTIVITY NOTIFICATIONS Input Trigger: Motion detection Output Notification: Push notification

AUDIO: Audio Communication: 2-Way

Audio Communication: 2-way Audio Input: Built-in microphone Audio Output: Built-in speaker

OTHERS:

Certification: CE, NCC

Package Contents: Tapo C310, Power Adapter, Mounting Template, Anchors and Screws, Waterproof Seal, Waterproof Cable Attachments, Quick Start Guide
System Requirements: iOS 9+, Android 4.4+

Environment: Operating Temperature -20°~45° (-4°~113°), Storage Temperature -20°~70° (-4°~158°), Operating Humidity 10%~90% non-condensing, Storage Humidity

5%~90% non-condensing

### Outdoor Security Wi-Fi Camera (TP-Link Tapo

- ColorPro Night Vision-Provides professional protection by revealing bright-color images without any spotlights even in ultra-low light conditions. Feel its superiority and experience daylight clarity during pitch-black nights.

- F1.0 Super-Aperture Lens & 1/1.79"Large Sensor-An F1.0 super-aperture lens captures 4× more the amount of light than F2.0 while the 1/1.79" sensor has a larger target surface and higher sensitivity than normal 1/2.7" sensors. Both are key to rendering colors under ultra-low light conditions

- 2K QHD Live View-Tapo C325WB adopts a 2688×1520 resolution, capturing sharper images with 2× more pixels than 1080p.

- Person/Animal/Vehicle Detection-Smart AI identifies people, animals, and vehicles, notifying users as needed‡. All

 Customizable Motion Detection-Set up activity zones or boundaries and receive instant notifications anytime when motion is detected in your customized zones.

Secure Local and Cloud Storage-Save recorded video to a microSD card(up to 512 GB)†or by using Tapo Care cloud storage services.

- IP66 Weatherproof-Offers excellent waterproof and dustproof performance for outdoor scenarios.

 Wireless/Wired Networking-Connect the camera to your network through Ethernet or Wi-Fi for more flexible installation

- Wide Field of View-A wide FOV up to 127° provides a larger detection range covering more space, enabling you to focus on more vital areas.

HARDWARE FEATURES:

Button: Reset

Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9.09/0.6A Dimensions( H X W X D ): 5,85 x 5,43 x 3,56 in. (148,7 x 137,9 x 90,4 mm) WIRELESS FEATURES:

WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n, Up to 150Mbps
Frequency: 2.4-2.4835GHz
Wireless Encryption: WEP, WPA/WPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

CAMERA:
Image Sensor: 1/1.79" Progressive Scan CMOS
Resolution: 2K QHD 4MP
Lens: Focal Length 4.58 mm, Aperture F1.0
Field of View: 131°(Diagonal), 106°(Horizontal), 56°(Vertical)
Night Vision: Full-Color Night Vision)
Video Compression: H.264
ACTIVITY NOTIFICATIONS

Input Trigger: Motion detection
Output Notification: Push notification

AUDIO: Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

Certification: CE, NCC

Package Contents: Tapo C325WB, Power Adapter, Mounting Template, Anchors and Screws, Waterproof Seal, Waterproof Cable Attachments, Quick Start Guide

Environment: Operating Temperature -20°~45° (-4°~113°), Storage Temperature -40°~60°, Operating Humidity 10%~90% non-condensing, Storage Humidity 5%~90% non-condensing





#09272 Net Price: 234.00 USD Unit: pcs

Net Price: 60.60 USD Unit: pcs

#09271

## Pan/Tilt Al Home Security Wi-Fi Camera (TP-Link Tapo C225)

- Physical Privacy Mode-Maintain privacy with the lens blocked by the housing when physical privacy mode is

- Smart Al Detection and Notification-Smart Al indentifies people, pets and vehicles while also recognizing abnormal sounds, notifying users as needed.

Pan and Tilt-Provides 360° horizontal field of view.
 Smart Motion Tracking-Tracks and follows a subject,

keeping it within the camera's field of view.
- Starlight Sensor-The high-sensitive starlight sensor captures

higher-quality images even in low-light conditions

- Sound and Light Alarm-Trigger light and sound effects to frighten away unwanted visitors. Two-Way Audio-Enables communication through a built-in

microphone and speaker.

- Easy-Setup-Follow the in-app instructions to easily set up

WIRELESS FEATURES:

WINELESS FEATURES.
Wireless Data Rates: IEEE 802.11 b/g/n
Frequency: 2.4-2.4835GHz
Wireless Encryption: WPAWPA2-PSK
Protocol: TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP,

Security: 128 bit AES encryption with SSL/TLS CAMERA:

CAMERA:
Image Sensor: 1/3"
Resolution: 2K QHD (2560 × 1440 px)
Video Compression: H.264
Lens: F/NO 1.6+/-5%, Focal Length 4mm+/-5%
Viewing Range: 360° horizontal, 149° vertical
ACTIVITY NOTIFICATIONS

Input Trigger: Motion Detection, Person Detection, Line-Crossing Detection, Camera Tampering, Baby Crying Detection, Vehicle Detection, Pet Detection, Cat Meows Detection, Dog Bark Detection, Glass Break Detection, Smoke Alarm Detection

Output Notification: Notification, Snapshot(Tapo Care). AUDIO: Audio Communication: 2-Way

Audio Input: Built-in microphone Audio Output: Built-in speaker Audio Compression: G.711



#09273 Net Price: 55.90 USD Unit: pcs

#### Pan/Tilt Outdoor Security Wi-Fi Camera (TP-Link Tapo C500)

- 1080p Full HD Live View-Reveals clear and sharp images with more details.

- Person Detection and Motion Tracking-Smart Al identifies a person while tracking motion with high-speed rotation, notifying users as needed. - 360° Visual Coverage-Provides 360° horizontal & 130°

vertical range to cover every corner.

- Night Vision (up to 98 ft)-Ensures your safety by providing a

clear visual distance of up to 98 ft even in total darkness
- IP65 Weatherproof-Offers excellent waterproof and dustproof performance for outdoor scenarios

 Multiple Installation Options-Use the mounting screws template and loops to install on any wall, ceiling or pole for the perfect view-wherever you want.
- Flexible Storage Choices-Save recorded videos to an

installed microSD card(up to 512 GB), or use Tapo Care cloud storage service.

- Customizable Sound Alarm-Record your customized audio

as an alarm to extend your usages.

- Physical Privacy Mode-Maintains your privacy with the lens physically blocked by the housing.

- Two-Way Audio-Enables communication through a built-in microphone and speaker.

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 12.0V/1.0A Dimensions( H X W X D ): 4.9 x 4.8 x 3.5 in. (123.8 x 123 x

WIRELESS FEATURES

WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n
Frequency: 2.4-2.4835GHz
Wireless Encryption: WPA/WPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

CAMERA: Image Sensor: 1/38#8220; Resolution: 1080p Full HD (1920 x 1080) Lens: F/NO 2.2; Focal Length 3.89mm Night Vision: 850 nm IR LED up to 98 ft (30m)

Video Compression: H.264
Frame Rate: 15fps
ACTIVITY NOTIFICATIONS

Input Trigger: Motion detection, Person detection Output Notification: Notification,Snapshot(Tapo

care), Clips (Tapo care). AUDIO:

Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

Certification: CE, FCC, RoHS, RCM

Package Contents: Tapo C500, Power Adapter, Mounting Template, Anchors and Screws, Waterproof Seal, Quick Start

Environment: Operating Temperature -20°-45° (-22°~140°), Storage Temperature -40°-60° (-40°-140°), Operating Humidity 10%-90% non-condensing, Storage Humidity 5%-90% non-condensing

## Outdoor Security Wi-Fi Camera system (TP-Link Tapo C420S2)

- 2K QHD-Now with 1.7 times more pixels than 1080p,

providing clearer videos and photos.

- 180-Day Battery Life\*-The rechargeable and removable battery with a low-power protocol extends your usage.

- Full-Color Night Vision-Reveal high-fidelity details and color at night with the starlight sensor.

- Smart Al Detection and Notification-Smart Al identifies people, pets, and cars, notifying users as needed.

- Wire-Free Placement-No wires means you can place the cameras almost anywhere inside or outside-whatever works

- Light and Sound Alarm-Triggers sound and light as an alarm when motion is detected.

- Two-Way Audio-Enables communication through a built-in

microphone and speaker.

-Flexible Storage Choices-Save recorded videos on the hub-installed microSD card† (up to 256 GB) or by using Tapo Care\*\* cloud storage services.
- IP65 Water&Dust Resistant-Offers excellent waterproof and

dustproof performance for outdoor scenarios

HARDWARE FEATURES:

HARDWARE FEATURES:
Button: Camera Button Reset/SYNC Button, Hub Button
Reset Button; SYNC Button
Adapter Input: Camera Adapter Input 100-240V, 50/60Hz,
Hub Adapter Input 100-240V, 50/60Hz, 0.3A
Adapter Output: Camera Adapter Output 5.0V, 1.0A, Hub
Adapter Output: 3.0V, 0.85A
Dimensions(H X W X D): Camera Dimensions 4.35 x 2.52 x
2.52in. (110.6\*64.2\*64.2mm), Hub Dimensions (L x W x H)
2.8 x 2.8 x 1.2 in. (71.45\*71.45\*31.25mm)
WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 h/a/n

WIRELESS FEATURES: Wireless Data Rates: IEEE 802.11 b/g/n Protocoi: TCP/IP, ICMP, DNS, HTTPS, TCP, UDP Frequency: 2.4-2.4835GHz Wireless Encryption: WPA/WPA2-PSK

Image Sensor: 1/3" Resolution: 2K QHD (2560 × 1440 px)

Lens: F/NO 1.61+/-10%, Focal Length 3.18mm+/-5% Night Vision: 850 nm IR LED up to 49 ft (15m) Video Compression: H.264
Frame Rate: 15/20 fps
ACTIVITY NOTIFICATIONS

Input Trigger: Motion detection Output Notification: Push notification AUDIO: Audio Communication: 2-Way

Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

OTHERS:
Package Contents: Tapo C420 Cameras (Battery Included) micro-USB, Tapo H200 Hub, USB Adapter, USB Adapter
Cable, DC Power Adapter, Mounting Screws, Mounting
Templates, Camera Brackets, Quick Start Guide, RJ45
Ethernet Cable

Environment: Operating Temperature -20°~45° (-4°~113°), Storage Temperature -20°~60° (-4°~140°), Operating Humidity 10%~90% non-condensing, Storage Humidity 5%~90% non-condensing

#### Computer Network Accessories



#09328 Net Price: 62.90 USD Unit: pcs

#### Pan/Tilt Outdoor Security Wi-Fi Camera (TP-Link Tapo C510W)

- 2K Resolution-With the resolution of 2304 × 1296 px , Tapo C510W enhances your security by capturing more details compared with traditional 1080p(1920 × 1080 px).

- Full-Color Night Vision-Reveals full-color images with built-in

spotlights even at night.
- 360° Visual Coverage-Provides 360° horizontal & 130°

vertical view range to capture everything around.
- Smart Motion Tracking-Tapo C510W tracks motion with high-speed rotation, ensuring you to keep an eye on more vital areas.

- Multiple Detection for Free-Smart Al identifies a person, - multiple Detection for Free-Smart At identifies a person, notifying you as needed. You can also set up customizable activity zones or boundaries to only receive alerts that matter.

- Customizable Sound and Light Alarm-Record your own audio as an alarm and adjust the brightness for your

customized use.

- Local and Cloud Storage-Save recorded videos to a microSD card (up to 512 GB)† or by using Tapo Care\*\* cloud services.

- IP65 Weatherproof-Offers excellent waterproof and dustproof performance for outdoor scenarios.

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 12.0V/1.0A Dimensions( H X W X D ): 4.9 x 4.8 x 3.5 in. (123.8 x 123 x

WIRELESS FEATURES

WIRELESS FLATURES:
Wireless Data Rates: IEEE 802.11 b/g/n
Frequency: 2.4-2.4835GHz
Wireless Encryption: WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

Image Sensor: 1/2.8" CMOS

Image Sensor: 1/2.8° CMUS Resolution: 2K 3MP (2304 × 1296) Lens: Focal Length 3.9 mm, Aperture F2.0 Field of View: 97.23° (Diagonal), 82.3° (Horizontal),45.31° (Vertical) Night Vision: 850 nm IR LED (98 ft / 29.9 m), Full-Color Night

Vision
Video Compression: H.264
Frame Rate: 15fps
ACTIVITY NOTIFICATIONS
Input Trigger: Motion detection, Person detection
Output Notification: Notification,Snapshot(Tapo

care), Clips (Tapo care).

AUDÍO:

AUDIO: Audio Communication: 2-Way Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS: Certification: CE, FCC, RoHS, RCM

Package Contents: Tapo C510, Power Adapter, Mounting Template, Anchors and Screws, Waterproof Seal, Quick Start

Environment: Operating Temperature -30°~60°, Storage Temperature -40°~60° (-40°~140°), Operating Humidity 10%~90% non-condensing, Storage Humidity 5%~90% non-condensing

NEW



#09329 Net Price: 81.60 USD Unit: pcs

#### Pan/Tilt Outdoor Security Wi-Fi Camera (TP-Link Tapo C520WS)

 2K QHD Live View-Adopting a 2560 × 1440 resolution, Tapo C520WS provides 1.7 × more pixels and delivers sharper images than 1080p.

Starlight Color Night Vision-Adopting an F1.6 large-aperture lens and starlight sensor, Tapo C520WS captures more light and has higher photosensitivity, thus rendering brighter colors under lower light conditions than full-color night vision cameras with an F2.2 lens and ordinary sensor.

- 360° Visual Coverage- Provides 360° horizontal & 130°

vertical viewing range, enabling you to focus on more vital areas and eliminate blind spots.

Free Person/Pet/Vehicle Detection-Smart AI identifies

people, pets, and vehicles, notifying users as needed.

- Customizable Sound and Light Alarm-Record your own audio as an alarm to extend your usages. The ultra-bright and adjustable light is also supported to frighten unwanted visitors

- Secure Local & Cloud Storage-Save recorded videos to a microSD card† or by using Tapo Care cloud services.

- IP66 Weatherproof-Offers excellent waterproof and dustproof performance for outdoor scenarios.

- Wired/Wireless Networking-Connect your camera to the network through WiFi or Ethernet for more flexible installation.

HARDWARE FEATURES:

Button: Reset Adapter Input: 100-240VAC, 50/60Hz, 0.3A

Adapter Output: 9 V, 0.85 A (DC Power)
Dimensions( H X W X D ): 4.9 x 4.8 x 3.5 in. (123.8 x 123 x

WIRELESS FEATURES

WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n
Frequency: 2.4-2.4835GHz
Wireless Encryption: WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

Image Sensor: 1/3" CMOS

Image Sensor: 173" CM/US Resolution: 2K 3MP (2304 × 1296) Lens: Focal Length 3.2 mm, Aperture F1.6 Field of View: 112° (Diagonal), 95° (Horizontal), 53° (Vertical) Night Vision: 850 nm IR LED (98 ft / 29.9 m) Full-Color Night

Video Compression: H.264

Frame Rate: 15fps ACTIVITY NOTIFICATIONS

Input Trigger: Motion Detection, Person Detection, Pet Detection, Vehicle Detection, Line-Crossing Detection, Tamper Detection

Output Notification: Notification.Snapshot(Tapo

care),Clips(Tapo care).

AUDIO: Audio Communication: 2-Way

Audio Input: Built-in microphone Audio Output: Built-in speaker OTHERS:

Certification: CE, FCC, RoHS, RCM Package Contents: Tapo C520WS, Power Adapter, Mounting Template, Anchors and Screws, Waterproof Seal, Quick Start Guide

Guide Environment: Operating Temperature -30°~60°, Storage Temperature -40°~60° (-40°~140°), Operating Humidity 10%~90% non-condensing, Storage Humidity 5%~90% non-condensing

#09276

Net Price: 17.50 USD Unit: pcs

### Smart Button (TP-Link Tapo S200B)

- Smart Actions - Control and set multiple lights, electronics, and other Tapo smart devices with the button.
- Customized Actions - Single tap, double tap, and rotating

options enable you to trigger multiple actions, from just one button.

- One-Click Alarm - Family members can use the device to get help in times of need.

Control From Multiple Locations - Control electrical fixtures from multiple locations with Tapo smart buttons

- Long Battery Life - The battery will last more than one year.

HARDWARE FEATURES:

Wireless Standards and Protocols: 868Mhz / 922MHz Dimensions: Φ43,5 x 16,9 mm

Hub Required: Yes

OTHERS:

Package Contents: Tapo S200B, CR2032 Battery, Mounting Template, Anti-slip Tape, Double-sided Tape, Quick Start

System Requirements: iOS 10+, Android 5.0+ Environment:Operating Temperature 0°~40° WORKING STATUS:

Power Requirements: Bateria CR2032





#### #09280

Net Price: 13.80 USD Unit: pcs

#### #09274

Net Price: 20.80 USD Unit: pcs

### Smart Contact Sensor (TP-Link Tapo T110)

- Window/Door Safeguard Monitors the opening & closing of windows, doors, cabinets, the fridge, or the mailbox in real
- time. Instant App Notification - Is your parcel locked away? Find out immediately with instant notifications
- Smart Action Support Connect the actions with other smart devices for a welcome return home.
- Easy Installation Mount to nearly any surface with included 3M adhesive. - Great Compatibility - Just one part of the integrated Tapo

ecosystem.

HARDWARE FEATURES: Wireless Standards and Protocols: 868 MHz / 922 MHz Dimensions: 61,4 x 37,5 x 12,3 mm

Hub Required: Yes OTHERS:

OTHERS:
Package Contents: Tapo T110, Quick Start Guide, Battery CR2032 x 1, 3M adhensive Environment: Operating Temperature 0°~40° WORKING STATUS:

Power Requirements: CR2032 Battery

### Smart Hub with Chime (TP-Link Tapo H100)

- Reliable Long-Range Connections Keep sub-devices connected at all times through the robust wireless network. - Low-Power Wireless Protocol - Make connected devices
- work energy-efficiently, promising longer standby time.
   Smart Alarm Coordinates with Tapo smart sensors to warn
- of danger or deter intruders.
   Smart Doorbell Pair it with Tapo Smart Button to build your

smart doorbell system, plus 19 ringtones to choose from.

- Tapo Ecology - Connect with up to 64 smart devices for an immersive and comprehensive smart home experience.

HARDWARE FEATURES: Protocol: 868 / 922 MHz

Dimensions ( H x D x W ): 72 x 62.5 x 51 mm (2.8 x 2.5 x 2

Buttons: SYNC/Mute Button

WIRELESS FEATURES: Frequency: 2.4-2.4835GHz

OTHERS Package Contents: Smart Plug Tapo H100, Quick Start Guide WORKING STATUS:

Power Requirements: AC, 100~240V, 50/60Hz





Net Price: 23.10 USD Unit: pcs



are through the Tapo app.

#### #09278

Net Price: 25.50 USD Unit: pcs



movement and schedule.

supports over one year of use

HARDWARE FEATURES:

build-in magnets

Smart Motion Sensor (TP-Link Tapo T100) - Wide Range Detection - Captures motion up to 23 ft.(7m) away and through 120° view.

- Motion-Activated Light - Control smart lights based on your

- Energy Saving - Automatically turn on connected smart devices when you come and go.
- Instant Alerts & App Notification - Alerts you in Away Mode

for anything you want to know.

- Battery-Powered - Compact battery-powered design

HARDWARE FEATURES:
Wireless Standards and Protocols: 868 MHz / 922 MHz
Detection Angle: 120°
Detection Distance: Max 7 m / 23 ft.
Dimensions: 42,3 x 42,3 x 34 mm
Hub Required: Yes

Package Contents: Tapo T100, Quick Start Guide, Battery CR2450 x 1, 3M adhensive Environment: Operating Temperature 0°~40° WORKING STATUS:

- Easy Installation - Mount it by attached 3M adhesive or the

#### #09279

Net Price: 18.50 USD Unit: pcs

### Smart Light Switch, 1-Gang 1-Way (TP-Link Tapo

- Remote Control Instantly turn the light on/off wherever you are through the Tapo app.
- Voice Control- Manage your switch with voice commands via Amazon Alexa or the Google Assistant.
- Schedule Preset a schedule to automatically manage devices.
- Away Mode Automatically turn the light on and off at
- different times to give the appearance that someone is home. - Tool-Free Battery Replacement - Easily replace batteries
- after installation, no need of other tools. No Neutral Wire Required - Super easy wiring. No neutral wire required.

HARDWARE FEATURES: Wireless Standards and Protocols: 868 MHz Dimensions: 87,1 × 86 × 41 mm

Hub Required: Yes
OTHERS:
Package Contents: Tapo S210, 2× 1.5 V AAA/LR03 Batteries,

2× Mounting Screws, Quick Start Guide Environment:Operating Temperature 0°~40° WORKING STATUS:

Working STATOS.

Power Requirements: 250 V~ 50/60 Hz 4 A

Max Load: 600 W LED / 600W CFL / 1000W INC / 1000W

FTL / 50 W Fan

Standby Power Consumption: 65uA Certifications: CE, RoHS, UKCA



Net Price: 18.50 USD Unit: pcs



#### #09339

27.80 USD Unit: pcs

# Net Price:

### #09281

Net Price: Unit: pcs

### Smart Remote Dimmer Switch (TP-Link Tapo

- Smart Actions Control and set multiple smart lights electronics, and other Tapo smart devices.
- Local Instant Control Get instant, app-free control over your smart devices with the smart remote dimmer switch.
- Control From Multiple Locations Control your smart lights from multiple locations with more than one dimmer switch. - Customized Actions - Single tap, double tap, and rotating
- options enable you to trigger multiple smart actions.
   Flexible Mounting Place the smart remote dimmer switch wherever you want, and your lighting control are always within reach.
- Long Battery Life The battery will last more than one year.

HARDWARE FEATURES: Wireless Standards and Protocols: 868Mhz / 922MHz Dimensions: 86 × 86 × 23,7 mm Hub Required: Yes OTHERS:

OTHERS:
Package Contents: Tapo S200D, CR2032 Battery, Wall Plate,
Anti-slip Tape, Double-sided Tape Quick Start Guide
System Requirements: IOS 10+, Android 5.0+
Environment: Operating Temperature 0°~40°
WORKING STATUS:
Power Requirements: Bateria CR2032

wire required.

Hub Required: Yes OTHERS:

Smart Light Switch, 2-Gang 1-Way (TP-Link Tapo S220)

- Remote Control - Instantly turn the light on/off wherever you

- Voice Control- Manage your switch with voice commands via Amazon Alexa or the Google Assistant.

Schedule - Preset a schedule to automatically manage

Away Mode - Automatically turn the light on and off at

after installation, no need of other tools.

HARDWARE FEATURES: Wireless Standards and Protocols: 868 MHz Dimensions: 87,1 × 86 × 41 mm

2× Mounting Screws, Quick Start Guide Environment:Operating Temperature 0°~40° WORKING STATUS:

FTL / 50 W Fan Standby Power Consumption: 65uA Certifications: CE, RoHS, UKCA

different times to give the appearance that someone is home.

- Tool-Free Battery Replacement - Easily replace batteries

- No Neutral Wire Required - Super easy wiring. No neutral

Package Contents: Tapo S210, 2× 1.5 V AAA/LR03 Batteries,

Power Requirements: 250 V~ 50/60 Hz 4 A (Each Gang) Max Load: 600 W LED / 600W CFL / 1000W INC / 1000W

### Smart Temperature & Humidity Monitor (TP-Link

- Real-Time & Accurate Monitoring Detects real-time temperature and humidity with great accuracy. (Measurement Accuracy: +/-0.54 °F, +/-3% RH).
- 2.7" E-ink Display Indicates temperature & humidity. comfort level with facial expressions, battery condition, and
- Home Automation Automatically turn on/off home electronics (e.g. heater, fan, humidifier and more) to maximize conform and save energy.
- Instant App Notification Receive app alert notification when conditions fall outside preset range.
- Free Data Storage & Visual Graphs Record temperature and humidity data and generate periodic data summary. - Flexible Installation- Just place it on the desk or mount it on
- Hub Required The Tapo Hub is requried to support smart features, like remote monitoring, home automation, data

export and more. HARDWARE FEATURES:

Wireless Standards and Protocols: 868 MHz / 922 MHz Dimensions: 62 × 62 × 24,5 mm Display: 2.7" E-ink

Power Requirements: 3.0V DC (2 × AAA/LR03)

Hub Required: Yes OTHERS:

OTHERS:
Package Contents: Tapo T315 × 1, AAA/LR03 battery × 2, 3M Adhesive × 1, Quick Start Guide × 1
Environment: -20-60°C / -4~140°F (Temperature Display Range 0-50°C / 32-122°F)
Operating Humidity: 0%~99%RH
Temperature Accuracy: +/-0.3°C /+/-0.54°F
Humidity Accuracy: +/-3%RH
Data Persey Second: 2

Data Refresh Speed: 2s

Power Requirements: CR2450 Battery

### Smart Temperature & Humidity Sensor (TP-Link Tapo T310)

- Fast & Accurate Monitoring Detects temperature and humidity with high-accuracy Swiss-made sensor. Obtaining and update data every 2 seconds. (Accuracy: +/-0.3 °C, +/-3% RH&#65289:
- Home Automation Automatically turns on/off home
- electronics when settings fall outside their preset ranges.
   Free Data Storage & Visual Graphics Records temperature
- and humidity data and generates periodic data summaries App Notification Alerts Receive instant alerts on your phone whenever levels fall outside preset ranges
- Flexible Installation Hang it with a lanyard, attach it on a surface with an adhesive or magnet, or simply place it on a
- Hub Required- Tapo Smart Hub (H100) is required.

HARDWARE FEATURES: Wireless Standards and Protocols: 868 MHz / 922 MHz

Temperature Accuracy: +/-0.3°C /+/-0.54°F Humidity Accuracy: +/-3%RH Data Refresh Speed: 2s

Dimensions: 46\*46\*12,3 mm Hub Required: Yes OTHERS:

Package Contents: Tapo T310, Battery CR2450, Lanyard, Quick Start Guide, 3M Adhesive, Adhesive Magnet, Eject Pin Environment: Operating Temperature -20~60°C / -4~140°F

Operating Humidity: 0%~99%RH WORKING STATUS:

Power Requirements: CR2450 Battery





# #09338

Net Price: 16.10 USD Unit: pcs

## Smart Water Leak Sensor (TP-Link Tapo T300)

- Drip & Leak Alert Responds to drips and leaks with 6 detection probes on both top and bottom.
  - Up to 90dB Alarm - Get alarted with its 90 dB siren and
- mute the alarm with one-touch.
   IP67 Waterproof Rating IP67 waterproofing protects from
- wet and dusty environments.
   Instant App Notification Receive instant alerts via the Tapo
- app when a leak occurs from anywhere.
   Flexible Placement Wireless, designed to place in anywhere leaks or flooding may occur, like under the sinks,
- near washing machine, bathtub and more.

   Visible Alarm with Tapo Lights Get an visual alert from your smart bulb before disaster strikes.
- Hub Required Triggers the Hub alarm when leakage is detected. Manage up to 64 sensors with one hub.

HARDWARE FEATURES: Wireless Standards and Protocols: 868 MHz Dimensions: 84.5 × 46.5 × 30 mm (3.3 × 1.8 × 1.2 in) Power Requirements: 2 AAA batteries (included)
Hub Required: Yes
OTHERS:

Package Contents: Tapo T300 × 1, AAA Batteries (included) × 2, Quick Start Guide

× 2, Quick Start Guide Environment: Operating Temperature 0°~40° Operating Humidity: 0%~99%RH Certifications: FCC, CE, R-NZ, UKCA, RoHS, JRF, VCCI, NCC, RCM

# Smart Wi-Fi LED Bulb with Dimmable Light (TP-Link Tapo L510E)

- Dimmable (Adjust with Ease) Manage the lighting at your fingertips to create the perfect atmosphere in your home at
- Dimmable (Preset for Convenience) Found your favorite lighting for watching movies? Save it as a setting you can simply select for future movie nights
- Schedule (Set Your Times) Create a regular schedule to turn on/off with the brightness you set
- Schedule (Sunrise and Sunset Modes) Automatically activate your light according to your time zone
- Voice Control Manage the lights with your voice commands as Tapo works with Amazon Alexa and Google
- Remote Control Take your phone out for the pocket and open the Tapo app to control your light remotely
- Away Mode Automatically simulate someone being at home to frighten away, unwanted visitors

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Frequency range: 2,4GHz Weight: 138g Lamp Base: E27 Input: 220-240 V, 50/60 Hz, 73 mA Typical Lumen Output: 806lm rypical curient Output: 300iiii Input Power (Actual power draw in Watts): 8.7W Color Temperature: 2700K Beam Angle: 220 Degree typical Dimmable: Yes

Package Contents: L510E, Installation Guide Certificates: CE, RoHS

#09158

.12 USD

Unit: pcs

Net Price:



### #09331

Net Price: 9.12 USD Unit: pcs

### Smart Wi-Fi LED Bulb with Dimmable Light (TP-Link Tapo L520E)

- Dimmable Smart Lighting Emits comfortable daylight 4000K, making objects vivid and authentic.
- Preset for Convenience Found the best lighting for a cozy working environment? Save it as your setting that you can simply select before hard slog.
  - Schedule (Set Your Times) - Create a regular schedule to
- turn on/off with the brightness you set.
   Schedule (Sunrise and Sunset Modes) Automatically
- activate your light according to your time zone.

   Voice Control Manage the lights with your voice
- commands as Tapo works with Amazon Alexa and Google Assistant.
- Remote Control Take your phone out of your pocket and open the Tapo App to control your light remotely.
  - Away Mode - Automatically simulate someone being at home to frighten away, unwanted visitors

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Frequency range: 2,4GHz Lamp Base: E27 Input: 220-240 V, 50/60 Hz, 73 mA Typical Lumen Output: 806lm

Input Power (Actual power draw in Watts): 8W Color Temperature: 4000K Beam Angle: 220 Degree typical Dimmable: Yes

Package Contents: L520E, Installation Guide Certificates: CE, RoHS, ErP

# #09159

Net Price: 11.40 USD Unit: pcs

# Smart Wi-Fi LED RGB Bulb with Dimmable Light (TP-Link Tapo L530E)

- Multicolor Easily design scenarios for your daily routine or activities by customizing brightness, light temperature, and colors-with 16,000,000 hues to choose from.

  60-watt equivalent LED bulb produces up to 806 lumens white brightness and has a dimming range from 1% to 100%.

   Preset for Convenience Found your favorite lighting for
- watching movies? Save it as a setting you can simply select
- watching movies cave it as a setting you can simply selection future movie nights.

   Schedule & Timer Create schedules and count plans to turn on/off with the brightness/color you set.

   Sunrise and Sunset Modes Automatically activate your
- light according to your time zone.
   No Hub Required Connect the L530E light to your home
- wifi, then you are all set.

   Voice Control Manage the lights with your voice
- commands as Tapo works with Amazon Alexa and Google Assistant.
- Remote Control Take your phone out for the pocket and open the Tapo app to control your light remotely.
- Away Mode Automatically simulate someone being at home to frighten away, unwanted visitors.
- Restore Last Light State the bulb automatically returns to its previous power-off state.

its previous power-off state.

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency range: 2,4GHz
Lamp Base: E27
Input: 220-240 V, 50/60 Hz, 73 mA
Typical Lumen Output: 806lm
Input Power (Actual power draw in Watts): 8.7W
Color Temperature: 2,500 K-6,500 K
Beam Angle: 220 Degree typical
Dimmable: Yes
Colour Rendering Index: >= 80
Warm-up Time up to 95%: <=1 s
Switching Circles: 15,000
Package Contents: L530E, Installation Guide
Certificates: CE, RoHS



### #09332

Net Price: 15.20 USD Unit: pcs

# Smart Wi-Fi LED RGB Bulb with Dimmable Light (TP-Link Tapo L535E)

- Extra Bright Smart Light Bulb With 1055 lumens (75W Equivalent) of crisp, high-quality lighting, Tapo L535E is ideal for any home space requiring brighter lighting.
- Millions of Colors Easily design scenarios for your daily routine or activities by customizing the light brightness, light temperature, and colors-with millions of hues to choose from
- via the Tapo app.

   Matter-Certified With support for the Matter protocol, Tapo L535E can seamlessly interoperate with other certified products across platforms.
- Schedule & Timer Create a regular schedule to turn on/off with your chosen light effects.
  - Voice Control - Manage your smart lights with voice
- commands via Alexa, Siri, or Google Assistant.
   Remote Control and Away Mode Instantly turn connected devices on/off wherever you are via the Tapo app. Turn on away mode to simulate someone being at home.
- Energy Monitoring Monitor your connected devices' real-time power consumption and costs via the Tapo app.
- No Hub Required Connect directly to your home's secure Wi-Fi network-no need for a hub or extra equipment.

Wi-Fi network-no need for a hub or extra equipment. Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Frequency range: 2,4GHz
Lamp Base: E27
Input: 220-240 V, 50/60 Hz, 73 mA
Typical Lumen Output: 1055lm
Input Power (Actual power draw in Watts): 8.6W
Color Temperature: 2,500 K~6,500 K
Beam Angle: 220 Degree typical
Dimmable: Yes (via app and cloud only)
Color Changing: Yes (via app and cloud only)
Colour Rendering Index: >= 80
Warm-up Time up to 95%: <=1 s
Switching Circles: 15,000
Package Contents: L535E, Installation Guide
Certificates: CE, ERP, RoHS, SAA, RCM



### #09225

Net Price: Unit: pcs

# Smart Wi-Fi LED RGB Light Strip (TP-Link Tapo

- Multiple Color & Effects Control 50 separate color zones
- and bring vibrant joy to your life.

   External Protection Easy maintenance and extended lifespan thanks to PU coating.
- No Hub Required Connect to your home's secure Wi-Fi network. No need for a hub or extra equipment.
- Flexible Installation Cut it to whatever length you want and attach it to any surface with the 3Madhesive
- Preset for Convenience Found your favorite lighting for watching movies? Save it as a setting you can simply select for future movie nights.
- Schedule & Timer Create schedules and count plans to turn on/off with the brightness/color you set.
- Away Mode Simulate someone being at home to frighten away, unwanted visitors.
- Connect It Your Way Use it with your smart assistant, a hub, or connect directly to the Tapo App. Control the Light
- Strip however you want. Voice Control Use simple voice commands to control your light strip with Alexa or Google Assistant.

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency range: 2,4GHz
Dimensions: 5000×10×3,0 mm
Operating Temperature: -15 °C ~ 40 °C
Operating Humidity: 10%~90% RH, Non-condensing
Weight: 564-649 g
Packaging Dimensions: 231.5×68.5×204.5 mm
Power Consumption: 20.5 W

Input voltage: 220-240 V, 50/60 Hz Dimmable: 1%-100% (via app and cloud only) Certificates: CE, RoHS





### #09236

Net Price: 37.20 USD Unit: pcs

## NEW



## #09333

Net Price: 8.20 USD Unit: pcs

NEW

#09334

Net Price: 10.50 USD Unit: pcs

# Smart Wi-Fi LED RGB Light Strip (TP-Link Tapo L930-5)

- Zonal Color Control make the most of 50-section addressable color zones, to suit every mood or scenario
- Extra White LEDs acts as general lights, strengthening the practicability of the colorful Wi-Fi light strip.
  - Fancy Lighting Effects - amuse yourself with well-designed
- animated lighting effects, available on Tapo App.
- Music Sync adds more vibe by emitting dynamic lights, parallel with the surrounding music beat.
- Apple HomeKit Supported control your light strip with Siri
- using Apple HomeKit.
- Voice Control- compatible with your smart voice assistants, including Alexa and Google Assistant.
   Surface Coating-stays durable, tidy, and complete, thanks to
- the high-quality PU coating on its surface - Wi-Fi Connection - with a stable connection to your networks, it works well without hub requirements.
- Easy Setup attach the Light Strip with 3M Adhesive on desired spots, connect it to Wi-Fi and configure it via App.

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Frequency range: 2,4GHz Dimensions: 5000×10×3,0 mm

Dimensions: 5000×10×3,0 mm

Operating Temperature: -15 °C~ 40 °C

Operating Humidity: 10%~90% RH, Non-condensing

Weight: 285~370 g

Packaging Dimensions: 231.5×68.5×204.5 mm

Power Consumption: 13 W

Input voltage: 100-240 V, 50/60 Hz

Dimmable: 1%-100% (via app and cloud only)

Certificates: CE, FCC, IC, JRF, VCCI, RCM, NCC, BSMI, RoHS

# Smart Wi-Fi LED Spotlight with Dimmable Light (TP-Link Tapo L610)

- 2,700 K Warm Light- Set off a cozy and comfortable vibe for your home or any other public space
- 1~100% Dimmable Dim to any brightness you desire for constantly-changing needs.
- High Lumen Emits 350 Im light that is bright enough to shed light on any object
- GU10 Lamp Base Compatible with any GU10 fixtures well.
- No extra burden for your first attempt. - Grouping - Control all the Tapo Smart Spotlights by just one
- click on App Energy Saving - Reduce energy use by operating energy
- savingly, without losing brightness or quality.
   Remote Control Instantly turn the spotlight on/off wherever
- you are via the Tapo App. Schedule - Preset a fixed schedule to manage your smart
- devices automatically - Timer - Create countdown timer lists for more precise time
- control. Voice Control - Manage your Smart Spotlights with voice
- commands via Amazon Alexa or Google Assistant.
   Easy Setup & Use No hub required, set up quickly and manage easily through the free App

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Frequency range: 2,4GHz Lamp Base: GU10 fitting Input: 220-240 V, 50/60 Hz Typical Lumen Output: 350 Lumens (50 W Equivalent)

Input Power (Actual power draw in Watts): 2.9W Color Temperature: 2700K Beam Angle: 40 Degree typical

Beam Angle: 40 Degree typical
Dimmable: Yes
Package Contents: L610, Installation Guide
Operating Temperature: 0 °C – 40 °C
Operating Humidity: 10%–90%RH, Non-condensing
Weight: 51 g (package included)
Certificates: CE, ERP, RoHS, RCM

# Smart Wi-Fi LED Spotlight with RGB Light (TP-Link Tapo L630)

- 16 Million Colors Shape the amazing vibe by picking the lights from a wide array of colors, even dim to any brightness you desire for the perfect atmosphere. - White Tunable - Adjust the color temperature from 2,200 K
- to 6,500 K based on your changing needs.
   High Lumen & Dimmable Emits 350 lm light that is bright
- enough to shed lights on any object and could be dimmed from 1% to 100%
- GU10 Lamp Base Compatible with any GU10 fixtures well. No extra burden for your first attempt.
- Grouping Control all the Tapo Smart Spotlights by just one click on App.
- Energy Saving Reduce energy use by operating energy
- savingly, without losing brightness or quality.
   Remote Control Instantly turn the spotlight on/off wherever
- you are via the Tapo App.
   Schedule Preset a fixed schedule to manage your smart devices automatically.
  - Timer - Create countdown timer lists for more precise time
- control.
- Voice Control Manage your smart spotlights with voice commands via Amazon Alexa or Google Assistant.
  - Easy Setup and Use - No hub required, set up quickly and
- manage easily through the free App.

Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b Frequency range: 2,4GHz
Lamp Base: GU10 fitting
Input: 220-240 V, 50/60 Hz
Typical Lumen Output: 350 Lumens (50 W Equivalent)
Input Power (Actual power draw in Watts): 3.7W
Color Temperature: 2,200-6,500

Beam Angle: 40 Degree typical Dimmable: Yes

Dimmable: Yes
Package Contents: L630, Installation Guide
Operating Temperature: 0 °C~ 40 °C
Operating Humidity: 10%–90%RH, Non-condensing
Weight: 55 g (package included)
Certificates: CE, ERP, RoHS, RCM



### Smart Wi-Fi Power Strip (TP-Link Tapo P300)

- Individual Control Separately control 3 smart outlets on the power strip via app or voice commands.
- 18 W Fast Charging Supports up to 18W PD and QC3.0 charging for compatible devices.
- HomeKit Enable Control your connected devices directly from your Apple devices. - Remote Control - Instantly turn connected devices on/off wherever you are through the Tapo app.
- Voice Control2 Manage your smart plug with voice commands via Amazon Alexa, Siri, or the Google Assistant. - Schedule & Timer - Set schedules or timers to automate conneted devices.
- Away Mode Automatically turns devices on and off at different times to simulate occupancy for added security
- Easy Setup and Use No hub required, set up quickly and
- manage easily through the free app.
   Guaranteed Safety Multiple safety features offer all-round protection to safeguard you and your family.

HARDWARE FEATURES:

Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE

Certification: CE. RoHS Certification: CE, Koris
Package Contents: Smart Plug Tapo P300, Quick Start Guide
System Requirements: Android 5 or later, iOS 10 or later
Environment:Operating Temperature 0°~35°, Operating
Humidity 10%–90% non-condensing
WORKING STATUS:

Maximum Load: 2300 W, 10 A
Power Requirements: AC 220-240 V~50/60 Hz

# #09275



802.11b, Bluetooth 4.2 Dimensions ( H x D x W ): 268\*55\*40mm, 1.5m cord Buttons: Power button, Status LED WIRELESS FEATURES:

Frequency: 2.4-2.4835GHz OTHERS:

## Computer Network Accessories



#09330 Net Price:

# 107.00 USD Unit: pcs

### #09036

Net Price: 11.40 USD Unit: pcs



#09195

Net Price: 16.10 USD Unit: pcs

# Tapo Smart Battery Video Doorbell (TP-Link Tapo D230S1)

- 2K 5MP Live View: Always know what happens in front of your door through the Tapo app. With the starlight sensor and 2K 5MP resolution, check all the fine details captured even in low-light environments.
- Color Night Vision: With the embedded spotlight and starlight sensor, Tapo D230S1 reveals high-fidelity details and color at night.
- Head-to-Toe View: With the camera's ultra-wide FOV(160° Diagonal), Tapo 4:3 live view ensures users can check visitors from head-to-toe as close as 1m†, which shows more vertical details than other 16:9 doorbells'.
  - Flexible Placement, Flexible Views: Different wedge choices
- allow users to make the doorbell suits more placement scenarios. Users can also use wedges to adjust the views
- Longer Battery Life: The rechargeable and removable
- battery with a low-power protocol extends your usage.
   Smart Al Detection and Notification: Smart Al algorithms identify people and cars, and notify users as needed.
  - Multiple Ways to Answer: With two-way audio or a recorded
- quick response, communicate directly with your deliveries through the Tapo app.
- Flexible Storage Choice: Save recorded videos on the hub-installed microSD card§ (up to 512 GB) or by using Tapo Care△ cloud storage services.

  - Anti-theft Alarm: Be alerted when someone trying to take the
- doorbell off with the anti-theft alarm function.
   Water & Dust Resistant IP64: Operates well on rainy days and in damp environments.

### HARDWARE FEATURES:

BARDWARE FEATURES:
Button: Doorbell Button. Reset/SYNC/Anit-Theft Button, Hub
Button-Reset Button; SYNC Button
Adapter Input: Doorbell Adapter Input 100-240V, 50/60Hz,
Hub Adapter Input: Doorbell Adapter Output 5.0V, 1.0A, Hub
Adapter Output: Doorbell Adapter Output 5.0V, 1.0A, Hub
Adapter Output 9.0V, 0.85A

Dimensions( H X W X D ): Camera Dimensions (Lx W x H) 5.7°0.21\*1.3in (146\*54.5\*35.5mm), Hub Dimensions (L x W x H) 2.8 x 2.8 x 1.2 in (71.45\*71.45\*31.25mm) WIRELESS FEATURES:

WIRELESS FEATURES:
Wireless Data Rates: IEEE 802.11 b/g/n
Frequency: 2.4-2.4835GHz
Wireless Encryption: WPAWPA2-PSK
Security: 128 bit AES encryption with SSL/TLS
CAMERA:

Image Sensor: 1/2.7"

Image Sensor: 1/2.7"
Resolution: 2K 5MP (2560 × 1920)
Lens: F/NO 2.1
Viewing Angle: 160° Diagonal
Night Vision: 850 nm IR LED up to 25 ft
Video Compression: H.264
Frame Rate: 15fps
ACTIVITY NOTIFICATIONS
Input Trigger: Motion detection, Package Detection, Person detection, Pet detection, Vehicle detection.
Output Notification: Notification, Snapshot(Tapo care), Clips(Tapo care).
AUDIO:

Audio Communication: 2-Way Audio Communication: 2-way
Audio Input: Built-in microphone
Audio Output: Built-in speaker
OTHERS:

OTHERS:
Certification: CE, FCC, RoHS, RCM
Environment: Operating Temperature -20°~45°, Storage
Temperature -20°~45°, Operating Humidity 10%~90%
non-condensing, Storage Humidity 5%~90% non-condensing

### Wi-Fi Smart Plug (TP-Link Tapo P100)

- Remote Control Instantly turn connected devices on/off wherever you are through the Tapo app
  - Schedule - Preset a schedule to automatically manage
- devices
- Timer Create countdown timer lists for connected
- Voice Control Manage your smart plug with voice commands via Amazon Alexa or the Google Assistant - Away Mode - Automatically turns devices on and off at
- different times to give the impression of someone being home Compact Design - Mini-sized to avoid blocking adjacent
- Easy Setup and Use No hub required, set up quickly and manage easily through the free app

### HARDWARE FEATURES:

Wireless Statuadris: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, Bluetooth 4.2 (for onboarding only)
Dimensions ( H x D x W ): 2.0\* 2.8\* 1.6 in (51\*72.0\*40 mm)
Buttons: Power button, Status LED
WIRELESS FEATURES:

Frequency: 2.4-2.4835GHz OTHERS:

Certification: CE, RoHS

Package Contents: Smart Plug Tapo P100, Quick Start Guide System Requirements: Android 4.4 or higher, iOS 9.0 or

nigner Environment:Operating Temperature 0°~35°, Operating Humidity 10%–90% non-condensing WORKING STATUS: Maximum Load: 2300 W, 10 A

Power Requirements: AC 220-240 V~50/60 Hz 10 A

## Wi-Fi Smart Plug (TP-Link Tapo P110)

- Remote Control Instantly turn connected devices on/off wherever you are through the Tapo app
  - Schedule - Preset a schedule to automatically manage
- Timer Create countdown timer lists for connected electronics
- Voice Control Manage your smart plug with voice
- commands via Amazon Alexa or the Google Assistant Away Mode Automatically turns devices on and off at different times to give the impression of someone being home
- Compact Design Mini-sized to avoid blocking adjacent
- Easy Setup and Use No hub required, set up quickly and manage easily through the free app

### HARDWARE FEATURES:

Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, Bluetooth 4.2 (for onboarding only)
Dimensions (H x D x W): 2.0\*2.8\* 1.6 in (51\*72.0\*40 mm)
Buttons: Power button, Status LED
WIRELESS FEATURES:

Frequency: 2.4-2.4835GHz OTHERS:

Certification: CE, RoHS

Package Contents: Smart Plug Tapo P110, Quick Start Guide System Requirements: Android 4.4 or higher, iOS 9.0 or

System Requirements: Android 4.4 or nigner, IOS 9.0 or higher Environment:Operating Temperature 0°~35°, Operating Humidity 10%~90% non-condensing WORKING STATUS:

Maximum Load: 2990 W, 10 A

Power Requirements: AC 220-240 V~50/60 Hz 10 A



## Computer Network Accessories

NEW

‡ matte

### #09335

Net Price: 16.10 USD Unit: pcs

### Wi-Fi Smart Plug (TP-Link Tapo P110M)

- Matter Certified Integrate Matter-certified Tapo devices
- whatter certified Integrate whatter-certified rapo devices with other Matter end products into your preferred ecosystem.
   Energy Monitoring Tracks the energy use of connected devices and allows electricity rate input for bill estimates.
   Compact Design Mini-sized to avoid blocking adjacent
- outlets.
   Voice Control Manage your smart plug with voice
- commands via Amazon Alexa, Apple Siri, or Google Assistant.
- Remote Control Instantly turn connected devices on/off from wherever you are through the Tapo app
- Schedule Preset a schedule to automatically manage devices.
- Auto-Off Automatically turns off a connected device after the device is left on for a set time.
- Away Mode Automatically turns devices on and off at different times to give the appearance that someone is home.

HARDWARE FEATURES: Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE

802.11b, Bluetooth (for setup only)
Dimensions ( H x D x W ): 2.0\* 2.8\* 1.6 in (51\*72.0\*40 mm)
Buttons: Power button
WIRELESS FEATURES:

Frequency: 2.4-2.4835GHz OTHERS:

Certification: RoHS CF FAC

Package Contents: Smart Plug Tapo P110M, Quick Start Guide Environment:Operating Temperature 0°~40°, Operating

Humidity 10%–90% non-condensing WORKING STATUS:
Maximum Load: 16A, 3680W (General Use/Resistive Load),

1/6 HP Motor Third-Party Platform: Matter, Apple Home, Amazon Alexa,

Google Home Power Requirements: AC 100-240 V~50/60 Hz

Other networking products



### #04641

Net Price: 9.12 USD Unit: pcs



## #04639

Net Price: 23.10 USD Unit: pcs

### #04640

Net Price: 15.20 USD Unit: pcs

# USB 2.0 to Gigabit Ethernet Network Adapter (TP-Link UE200)

- Better connection possibilities
- Compact and handy design
   Fast and stable data transfer
- Plug & Play function

HARDWARE FEATURES:
Output Interface: 1 10/100Mb/s RJ45 Ethernet Port
Input Interface: 1 USB 2.0 Port
Chipset: RTL8152B
Dimensions ( W x D x H ): 2.8 x 1.0 x 0.6 in. (71 x 26 x

16.2mm)
Compatibility: Windows XP/Vista/7/8/8.1/10, Mac OS X 10.5/10.6/10.7/10.8/10.9/10.10, Linux

Package Contents: USB 2.0 to 100Mbps Ethernet Network Adapter, Quick Installation Guide Warranty: 2 years

# USB 3.0 3-Port Hub & Gigabit Ethernet Adapter 2 in 1 USB Adapter (TP-Link UE330)

HARDWARE FEATURES:

Output Interface: 3 USB-A 3.0 Ports, 1 Gigabit Ethernet Port Input Interface: 1 USB-A 3.0 Connector Chipset: RTL8153 Dimensions ( W x D x H ): 1.2 x 0.9 x 3.8 inch (31 x 23 x 96

Compatibility: Windows (XP/Vista/7/8/8.1/10), Mac OS X (10.5-10.11), Linux OS and Chrome OS Package Contents: USB 3.0 3-Port Hub & Gigabit Ethernet Adapter UE330, User Guide

# USB 3.0 to Gigabit Ethernet Network Adapter (TP-Link UE300)

- Fastest USB 3.0 and Gigabit solution ensure high speed transfer rate
- Plug and Play in Windows (XP/Vista/7/8/8.1), Mac OS X (10.9/10.10), Linux OS. Note: Driver required for Mac OS X (10.5-10.8)
- Foldable and portable design ideally suits your Ultrabook HARDWARE FEATURES:

Output Interface: 1 10/100/1000Mbps RJ45 Ethernet Port Input Interface: 1 USB 3.0 Port

Chipset: RTL8153

Dimensions ( W x D x H ): 2.8 x 1.0 x 0.6 in. (71 x 26 x 16,2mm)

16.2mm)
Compatibility: Windows XP/Vista/7/8/8.1, Mac OS X
10.5/10.6/10.7/10.8/10.9/10.10/, Linux based system
Package Contents: USB 3.0 to Gigabit Ethernet Network
Adapter, Quick Installation Guide
Warranty: 2 years



# USB 3.0 Type-C to Gigabit Ethernet Network Adapter (TP-Link UE300C)

- Ideal for laptop, tablet and most USB-C powered web
- devices to access wired network.
   Fastest USB 3.0 and Gigabit solution ensure high-speed
- Foldable and Portable design ideally suits your Ultrabook.

Output Interface: 1 10/10/100/1000Mbps RJ45 Ethernet Port Input Interface: 1 USB 3.0 Type-C Port Chipset: RTL8153
Dimensions ( W x D x H ): 2.8 x 1.0 x 0.6 in. (71 x 26 x 16.2 ms)

Compatibility: Windows XP/Vista/7/8/8.1/10. Mac OS X 10.5/10.6/10.7/10.8/10.9/10.10/, Linux based system Package Contents: USB 3.0 to Gigabit Ethernet Network

# #09163

Net Price:

16.10 USD Unit: pcs

- transfer rate up to 1000 Mbps.
   Plug and Play in Windows 10, Mac OS X (10.9 and later), Chrome OS and Linux OS.

HARDWARE FEATURES:

16.2mm)

Adapter, Quick Installation Guide

### Rack 10", 19" cases, cabinets



#08314

Net Price: 41 00 USD Unit: pcs



#08315

Net Price: 59 00 USD Unit: pcs



#07089

Net Price: 56 00 USD Unit: pcs

### Wall-mounted 10" cabinet, 4U, glass door, 235 x 350 x 280 mm

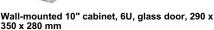
Wall mounted rack cabinet with a 4U working height and 10"

width between the mounting bars.
Glass doors and cable openings both at the top and the bottom make installation and using the cabinet easier

Dimensions: 4U 10", 235x350x280 mm, (H x W x D)

Type: wall-mounted, welded body

Door: glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: no Colour: RAL 7035 (grey)



Dimensions: 6U 10", 290 x 350 x 280 mm, (H x W x D) Type: wall-mounted, welded body

Door: glass

Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: no Colour: RAL 7035 (grey)



### Wall-mounted 10" cabinet, 6U, glass door, 322 x 322 x 300 mm

Dimensions: 6U 10", 322x322x300 mm, (H x W x D)
Type: wall-mounted, welded body
Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: no
Colour: RAL 7035 (grey)



#07085

Net Price: 41.40 USD Unit: pcs



#07074

Net Price 41.40 USD Unit: pcs



#08316

Unit: pcs

### Wall-mounted 10" cabinet, 6U, glass door, 322 x 322 x 300 mm, flat pack

Economic 6U cabinet with the total depth of 300mm. Delivered as flat-pack - to be assembled by the customer. which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 6U 10", 322x322x300 mm, (H x W x D) Type: wall-mounted, for self-assembly

Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)

Fan openings: no Colour: RAL 7035 (grey)

Wall-mounted 10" cabinet, 6U, steel door, 322 x 322 x 300 mm, flat pack

Economic 6U cabinet with the total depth of 300mm Delivered as flat-pack - to be assembled by the customer. which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 6U 10", 322x322x300 mm, (H x W x D) Type: wall-mounted, for self-assebly

Door: steel

Cable entry: top + bottom Mounting profiles: 1 pair (front)

Fan openings: no Colour: RAL 7035 (grey)

Net Price:



Net Price: 70.20 USD

### Wall-mounted 10" cabinet, 9U, glass door, 420 x 348 x 280 mm

Wall mounted rack cabinet with a 9U working height and 10" width between the mounting bars.

Glass doors and cable openings both at the top and the bottom make installation and usage of the cabinet easier.

Dimensions: 9U 10", 420 x 348 x 280 mm, (H x W x D) Type: wall-mounted, welded body

Type: wair-induction, weided but Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: no
Colour: RAL 7035 (grey)

#02566

Net Price: 48.20 USD Unit: pcs



#04928

62.00 USD Unit: pcs

#04485

Net Price: 71.80 USD Unit: pcs

### Wall-mounted 19" cabinet, 4U, steel door, 235 x 545 x 350 mm

Dimensions: 4U 19", 235x545x350 mm, (H x W x D) Type: wall-mounted, welded body Door: steel Cable entry: 120x60mm

Mounting profiles: 1 pair (front) Fa openings: no Colour: RAL 7035 (grey) Maximum load capacity: Protection degree: IP 20

Wall-mounted 19" cabinet, 4U, glass door, 320 x 600 x 450 mm

Dimensions: 4U 19", 320x600x450 mm, (H x W x D), 370mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body, removable sides

Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20

Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

Wall-mounted 19" cabinet, 4.5U, steel door, 260 x 545 x 350 mm

Dimensions: 4U 19", 260x545x350 mm, (H x W x D) Type: wall-mounted, welded body Door: steel

Cable entry: top + bottom, 120x60mm

Mounting profiles: 1 pair (front)
Fa openings: no
Colour: RAL 7035 (grey)

Maximum load capacity: Protection degree: IP 20 25kg



#04977

Net Price: 51.20 USD Unit: pcs



#04978

Net Price: 67.50 USD Unit: pcs



#04959

Net Price: 59.00 USD Unit: pcs

# Wall-mounted 19" cabinet, 6U, steel door, 320 x

Wall-mounted rack cabin with a 6U working height and a depth of 300mm from the mounting bars to the rear wall of the cabinet.

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the

Dimensions: 6U 19", 320x560x410 mm, (H x W x D), 300mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body

Door: metal Door: metal Cable entry: top + bottom, round Mounting profiles: 1 pair (front) Fan openings: yes, at side Colour: RAL 7035 (grey) Protection degree: IP 20

Wall-mounted 19" cabinet, 6U, steel door, 340 x

Wall-mounted rack cabin with a 6U working height and a depth of 500mm from the mounting bars to the rear wall of the cabinet.

Steel doors, cable openings both at the top and at the bottom

make installation and usage of the cabinet easier Dimensions: 6U 19", 340x560x600 mm, (H x W x D), 500mm working depth, (distance from bars to rear panel)

Type: wall-mounted, welded body Door: metal Cable entry: top + bottom, with brush cover

Mounting profiles: 1 pair (front) Fan openings: yes, at side Colour: RAL 7035 (grey) Protection degree: IP 20

Wall-mounted 19" cabinet, 6U, glass door, 340 x 520 x 400 mm

Wall-mounted rack cabin with a 6U working height and a depth of 300mm from the mounting bars to the rear

the cabinet. Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the

cabinet easier. Dimensions: 6U 19", 340x520x400 mm, (H x W x D), 300mm working depth, (distance from bars to rear panel)
Type: wall-mounted, welded body, removable sides
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of

Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting





#04929

Net Price: 95.90 USD Unit: pcs



#05583

Net Price: 73.40 USD Unit: pcs

Net Price: 78.80 USD

Unit: pcs



#04962

Net Price: 84.40 USD Unit: pcs

### Wall-mounted 19" cabinet, 6U, glass door, 355 x 600 x 540 mm

Wall-mounted rack cabinet with a 6U working height. Glass doors, removable sides and cable openings both at the top and the bottom make installation and usage of the cabinet

Dimensions: 6U 19", 355x600x440+100mm, (H x W x D) Dimensions: 60 19°, 353x000x440+100mm, (H x w Type: wall-mounted, welded body, removable sides Door: 4mm toughened glass Cable entry: top + bottom (260 x 50 mm) Mounting profiles: 2 pairs (first section front & back)

Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of

the supporting rails and a set of four screws for wall mounting

Wall-mounted 19" cabinet, 6U, glass door, 320 x

Dimensions: 6U 19", 320x545x350 mm, (H x W x D)

### Wall-mounted 19" cabinet, 6U, glass door, 355 x 600 x 440 mm

Wall-mounted rack cabinet with a 6U working height and a 370mm distance from mounting bars to rear cabinet wall. Glass doors, removable sides and cable openings make installation and usage of the cabinet easier.

Dimensions: 6U 19", 355x600x440 mm, (H x W x D), 3770mm working depth, (distance between bars and rear panel)

panel)
Type: wall-mounted, welded body
Door: 4mm toughened glass, removable sides
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)

Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 6U, glass door, 355 x 600 x 600 mm

Wall mounted rack cabinet with a 6U working height and 500mm width between the mounting bars.

Glass doors, removable sides and cable openings both at the top and the bottom make installation and usage of the cabinet

Dimensions: 6U 19", 355x600x600 mm, (H x W x D), 500mm working depth (distance from the bars to the back wall) Type: wall-mounted, welded body Door: 4mm toughened glass

Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of

the supporting rails and a set of four screws for wall mounting



### #04963



## #02565



### Wall-mounted 19" cabinet, 6U, steel door, 320 x 545 x 350 mm

Dimensions: 6U 19", 320x545x350 mm, (H x W x D)

Type: wall-mounted, welded body

Door: steel

Cable entry: top + bottom Mounting profiles: 1 pair (front)

Fan openings: no Colour: RAL 7035 (grey) Protection degree: IP 20

### Wall-mounted 19" cabinet, 9U, glass door, 480 x 600 x 600 mm

Wall-mounted rack cabin with 9U working height and a depth of 500mm from the mounting bars to the rear wall of the

cabinet. Glass doors, removable sides and cable openings both at the

top and at the bottom make installation and usage of the cabinet easier

Dimensions: 9U 19", 480x600x600 mm, (H x W x D), 500mm working depth, (distance from bars to rear panel)
Type: wall-mounted, welded body, removable sides
Door: 4mm toughened glass

Door: 4mm toughened glass
Cable entry: top + bottom, 50 x 260mm
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

545 x 350 mm

Type: wall-mounted, welded body

Maximum load capacity: 25kg

Protection degree: IP 20

Type: Wall-moullited, werded body Door: glass Cable entry: top + bottom, 120x60mm Mounting profiles: 1 pair (front) Fan openings: no Colour: RAL 7035 (grey)

## #04960

Net Price: 71 20 USD Unit: pcs

### #04930

Net Price: 107 00 USD Unit: pcs



### #05584

Net Price: 93 20 USD Unit: pcs

### Wall-mounted 19" cabinet, 9U, glass door, 450 x 520 x 400 mm

Wall-mounted rack cabin with a 9U working height and a depth of 350mm from the mounting bars to the rear wall of

Glass doors and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 9U 19", 450x520x400 mm, (H x W x D), 350mm wotking depth, (distance from bars to rear panel) Type: wall-mounted

Type: wall-mounted
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)

Protection degree: IP 20 Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

## Wall-mounted 19" cabinet, 9U, glass door, 470 x 600 x 540 mm

Wall-mounted rack cabin with a 9U working height. Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 9U 19", 470x600x440+100 mm, (H x W x D)

Dimensions: 9U 19", 470x600x440+100 mm, (H x W x D) Type: wall-mounted, welded body, removable sides Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 9U, glass door, 480 x 600 x 440 mm

Wall-mounted rack cabin with a 9U working height and a depth of 370mm from the mounting bars to the rear wall of the cabinet.

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 9U 19", 480x600x440 mm, (H x W x D), 370mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body, removable sides

Door: 4mm toughened glass Cable entry: top + bottom, 50 x 260mm Mounting profiles: 1 pair (front)

Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20 Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

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#02571 Net Price: 69.80 USD Unit: pcs



#04961 Net Price: 84.40 USD Unit: pcs



#05585 Net Price: 110.00 USD Unit: pcs

### Wall-mounted 19" cabinet, 9U, steel door, 450 x 520 x 400 mm

The 19" 9U cabinet with metal doors and a depth of 400mm is a durable and compact solution, perfect for smaller spaces. It features integrated holes and easy installation and is compatible with most standard devices. The metal doors provide protection and security.

Dimensions: 9U 19", 450x520x400 mm, (H x W x D), 350mm wotking depth, (distance from bars to rear panel)

Type: wall-mounted Door: steel

Cable entry: top + bottom
Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20
Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 12U, glass door, 580 x 520 x 400 mm

Wall-mounted rack cabin with a 12U working height and a depth of 300mm from the mounting bars to the rear wall of the cabinet.

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 12U 19", 580x520x400 mm, (H x W x D), 300mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body, removable sides

Type: wair-flourited, welded bo Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan cut-off; yes Colour: RAL 7035 (grey) Protection degree: IP 20

Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 12U, glass door, 590 x 600 x 440 mm

Wall-mounted rack cabin with a 12U working height and a depth of 370mm from the mounting bars to the rear wall of the cabinet.

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier

Dimensions: 12U 19", 590x600x440 mm, (H x W x D), 370mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body, removable sides

Type: wair-friounted, weided both Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20 Additional equipment; 2 onto 15

Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting



#04969 Net Price:

125.00 USD Unit: pcs

## #04964

Net Price: 124.00 USD Unit: pcs



#02573

Net Price: 81.00 USD Unit: pcs

### Wall-mounted 19" cabinet, 12U, glass door, 590 x 600 x 540 mm

Wall-mounted rack cabin with a 12U working height. Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 12U 19", 590x600x440+100 mm, (H x W x D) Type: wall-mounted, welded body, removable sides

Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20 Additional equipment: 3 sets of fixing screws in the holes of

the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 12U, glass door, 590 x 600 x 600 mm

Wall-mounted rack cabin with a 12U working height and a depth of 500mm from the mounting bars to the rear wall of the cabinet

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 12U 19", 590x600x600 mm, (H x W x D), 500 working depth (distance from bars to rear panel) Type: wall-mounted, welded body, removalbe sides

Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan opening: yes Colour: RAL 7035 (grey)

Protection degree: IP 20 Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 12U, steel door, 580 x 520 x 400 mm

The 19" 12U cabinet with metal doors and a depth of 400mm is a durable and compact solution, perfect for smaller spaces. It features integrated holes and easy installation and is compatible with most standard devices. The metal doors provide protection and security.

Dimensions: 12U 19", 580x520x400 mm, (H x W x D), 350mm wotking depth, (distance from bars to rear panel)
Type: wall-mounted
Door: steel

Cable entry: top + bottom

Mounting profiles: 1 pair (front)
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20

Additional equipment: 3 sets of fixing screws in the holes of

the supporting rails and a set of four screws for wall mounting

#04970 Net Price: 144.00 USD Unit: pcs

### #04965

Net Price: 146.00 USD Unit: pcs



#02575

Net Price: 91.20 USD Unit: pcs

### Wall-mounted 19" cabinet, 15U, glass door, 760 x 600 x 540 mm

Wall-mounted rack cabin with a 15U working height. Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 15U 19", 760x600x440+100 mm, (H x W x D) Type: wall-mounted, welded body, removable sides Door: 4mm toughened glass

Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20

Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

### Wall-mounted 19" cabinet, 15U, glass door, 760 x 600 x 600 mm

Wall-mounted rack cabin with a 15U working height and a depth of 500mm from the mounting bars to the rear wall of the cabinet.

Glass doors, removable sides and cable openings both at the top and at the bottom make installation and usage of the cabinet easier.

Dimensions: 15U 19", 760x600x600 mm, (H x W x D), 500mm working depth, (distance from bars to rear panel) Type: wall-mounted, welded body, removable sides

Type: wait-mounted, weided bo Door:4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey)

Protection degree: IP 20 Additional equipment: 3 sets of fixing screws in the holes of the supporting rails and a set of four screws for wall mounting

# Wall-mounted IP65 19" cabinet, 12U, steel door, 660 x 590 x 430 mm

Outdoor wall- or polemounted rack cabin with a 12U height and depth of 430mm. Equiped with seals,  $\,$ 

Dimensions: 12U 19", 660x520x400 mm, (H x W x D) Type: wall-mounted Door: steel

Cable entry: bottom Mounting profiles: 1 pair (front) Fan openings: no Colour: RAL 7035 (grey) Protection degree: IP65

## Computer Network Accessories



### #02576

Net Price: 74.80 USD Unit: pcs



### #02574

Net Price: 83.80 USD Unit: pcs



### #05571

Net Price: 49.10 USD Unit: pcs

### Wall-mounted IP65 19" cabinet, 6U, steel door, 450 x 590 x 400 mm

Outdoor wall- or polemounted rack cabin with a 6U working height and depth of 400mm. Equiped with seals,

Dimensions: 6U 19", 450x520x400 mm, (H x W x D) Type: wall-mounted Door: steel Cable entry: bottom
Mounting profiles: 1 pair (front)
Fan openings: no

Colour: RAL 7035 (grey) Protection degree: IP65

### Wall-mounted IP65 19" cabinet, 9U, steel door, 520 x 590 x 430 mm

Outdoor wall- or polemounted rack cabin with a 9U working height and depth of 430mm. Equiped with seals,

Dimensions: 9U 19", 520x590x440 mm, (H x W x D) Type: wall-mounted Door: steel

Cable entry: bottom Mounting profiles: 1 pair (front)
Fan openings: no Colour: RAL 7035 (grey) Protection degree: IP65

### Wall-mounted 19" cabinet, 4U, glass door, 230 x 545 x 350 mm, flat pack

Economic 4U cabinet with the total depth of 350mm and a working depth of about 290mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Wall-mounted 19" cabinet, 4U, steel door, 230 x

Economic 4U cabinet with the total depth of 450mm and a

working depth of about 370mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection

and reduction of dimensions during transport. Installation is reduced to twisting the cabinet body, attaching

Mounting profiles: 1 pair (front), adjustable mounting depth Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20

Dimensions: 4U 19", 230x545x450 mm, (H x W x D) Package dimensions: 100x570x500 mm

Type: wall-mounted, for self-assembly Door: steel Cable entry: top + bottom

Dimensions: 4U 19", 230x545x350 mm, (H x W x D) Package dimensions: 100x570x500 mm Type: wall-mounted, for self-assembly Type: wall-friounted, for self-assembly
Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front), adjustable mounting depth
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20



### #05576

Net Price: 54.70 USD Unit: pcs



### #05572

Net Price: 39.80 USD Unit: pcs



the beams and doors.

### #05575

Net Price: 44.50 USD Unit: pcs

### Wall-mounted 19" cabinet, 4U, glass door, 230 x 545 x 450 mm, flat pack

Economic 4U cabinet with the total depth of 450mm and a working depth of about 370mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection

and reduction of dimensions during transport. Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 4U 19", 230x545x450 mm, (H x W x D) Package dimensions: 100x570x500 mm Package dimensions: 100x570x500 mm
Type: wall-mounted, for self-assembly
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front), adjustable mounting depth
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20



### Wall-mounted 19" cabinet, 4U, steel door, 230 x 545 x 350 mm, flat pack

Economic 4U cabinet with the total depth of 350mm and a working depth of about 290mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection

and reduction of dimensions during transport. Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 4U 19", 230x545x350 mm, (H x W x D) Package dimensions: 100x570x500 mm Type: wall-mounted, for self-assembly Door: steel Cable entry: top + bottom

Mounting profiles: 1 pair (front), adjustable mounting depth Fan openinegs: yes Colour: RAL 7035 (grey) Protection degree: IP 20



545 x 450 mm, flat pack



# #05577

Net Price: 47.50 USD Unit: pcs



### #05579

Net Price: 51.30 USD Unit: pcs

### Wall-mounted 19" cabinet, 6U, glass door, 320 x 545 x 450 mm, flat pack

Economic 6U cabinet with the total depth of 450mm and a working depth of about 370mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

the beams and doors.

Dimensions: 6U 19", 320x545x450 mm, (H x W x D)
Package dimensions: 100x570x500 mm
Type: wall-mounted, for self-assembly
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front), adjustable mounting depth
Fan openings: yes
Colour: RAL 7035 (grey)
Protection degree: IP 20

### Wall-mounted 19" cabinet, 6U, steel door, 320 x 545 x 350 mm, flat pack

Economic 4U cabinet with the total depth of 350mm and a working depth of about 270mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 6U 19", 320x545x350 mm, (H x W x D) Package dimensions: 100x570x400 mm Type: wall-mounted, for self-assembly

Door: steel

Door: steel Cable entry: top + bottom Mounting profiles: 1 pair (front), adjustable mounting depth Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20

### Wall-mounted 19" cabinet, 6U, steel door, 320 x 545 x 450 mm, flat pack

Economic 6U cabinet with the total depth of 450mm and a working depth of about 370mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 6U 19", 320x545x450 mm, (H x W x D) Package dimensions: 100x570x500 mr Type: wall-mounted, for self-assembly Door: steel

Door: steel Cable entry: top + bottom Mounting profiles: 1 pair (front), adjustable mounting depth Fan openings: yes Colour: RAL 7035 (grey) Protection degree: IP 20



#07078 Net Price: 79.10 USD Unit: pcs



#02570 Net Price: 94.10 USD Unit: pcs



#04486 Net Price: 85.50 USD Unit: pcs

# Wall-mounted 19" cabinet, 9U, glass door, 452x523x450 mm, flat pack

Economic 9U cabinet with the total depth of 450mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 9U 19", 452 x 523 x 450 mm, (H x W x D) Type: wall-mounted, for self-assembly Door: glass

Cable entry: top + bottom Mounting profiles: 1 pair (front)

Fan openings: no Colour: RAL 7035 (grey)

# Wall-mounted 19" cabinet, 9U, glass door, 480x600x600 mm, flat pack

Economic 9U cabinet with the total depth of 600mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Package dimensions:  $610 \times 610 \times 240$  mm Dimensions: 9U 19",  $480 \times 600 \times 600$  mm, (H x W x D) Type: wall-mounted, for self-assembly Door: glass

Cable entry: top + bottom Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey)

# Wall-mounted 19" cabinet, 12U, glass door, 590x523x450 mm, flat pack

Economic 12U cabinet with the total depth of 450mm. Delivered as flat-pack - to be assembled by the customer which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Dimensions: 12U 19", 590 x 523 x 450 mm, (H x W x D) Type: wall-mounted, for self-assembly

Door: glass Cable entry: top + bottom Mounting profiles: 2 pairs (front and back) Fan openings: yes Colour: RAL 7035 (grey)



#02567

Net Price: 111.00 USD Unit: pcs

# #02568

Net Price: 110.00 USD Unit: pcs



### #02569

Net Price: 131.00 USD Unit: pcs

# Wall-mounted 19" cabinet, 12U, glass door, 590x600x540 mm, flat pack

Economic 12U cabinet with the total depth of 600mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Package dimensions:  $610 \times 610 \times 360 \text{ mm}$  Dimensions: 12U 19",  $590 \times 600 \times 540 \text{ mm}$ , (H x W x D) Type: wall-mounted, for self-assembly

Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey)

# Wall-mounted 19" cabinet, 12U, glass door, 590x600x600 mm, flat pack

Economic 12U cabinet with the total depth of 600mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Package dimensions:  $610 \times 610 \times 260 \text{ mm}$ Dimensions: 12U 19",  $590 \times 600 \times 600 \text{ mm}$ , (H x W x D) Type: wall-mounted, for self-assembly

Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front) Fan openings: yes Colour: RAL 7035 (grey)

# Wall-mounted 19" cabinet, 15U, glass door, 760x600x600 mm, flat pack

Economic 15U cabinet with the total depth of 600mm. Delivered as flat-pack - to be assembled by the customer, which allows for better protection and reduction of dimensions during transport.

Installation is reduced to twisting the cabinet body, attaching the beams and doors.

Package dimensions:  $610 \times 610 \times 270$  mm Dimensions: 15U 19",  $760 \times 600 \times 600$  mm, (H x W x D) Type: wall-mounted, for self-assembly Door: glass
Cable entry: top + bottom
Mounting profiles: 1 pair (front)

Fan openings: yes Colour: RAL 7035 (grey)



### #05596

Net Price: 268.00 USD Unit: pcs

### #05587

Net Price: 231.00 USD Unit: pcs



## #05597

Net Price: 346.00 USD Unit: pcs

# Floor-standing 19" cabinet, 18U, glass door, 930 x 600 x 600 mm

A small, pre-equipped (shelf, double roof fan) cabinet standing on castors (1m with wheels) is the best solution in places where there is no need for a large server cabinet and a hanging cabinet is too small.

Dimensions: 18U 19", 930x600x600 mm, 1000x600x600 mm incl. castors, (H x W x D)

Type: floor-standing with castors, welded body, removable

Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front), adjustable Fan openings: yes, built-in double-fan Colour: RAL 7035 (grey) Protection degree: IP 20

### Floor-standing 19" cabinet, 15U, glass door, 760 x 600 x 600 mm

A small, pre-equipped (shelf, double roof fan) cabinet standing on castors (1m with wheels) is the best solution in places where there is no need for a large server cabinet and a hanging cabinet is too small.

Dimensions: 15U 19", 760x600x600 mm, 840x600x600 mm incl. castors, (H x W x D) Type: floor-standing with castors, welded body, removable sides

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Door: 4mm toughened glass Cable entry: top + bottom Mounting profiles: 1 pair (front), adjustable Fan openings: yes, built-in double-fan Colour: RAL 7035 (grey) Protection degree: IP 20

### Floor-standing 19" cabinet, 25U, glass door, 1250 x 600 x 800 mm

A pre-equipped (shelf, quadruple roof fan) server cabinet with 25U working height, standing on castors, is the cheapest medium-sized cabinet for mounting ICT equipment and devices with a maximum depth of 600mm.

Dimensions: 25U 19", 1250x600x800 mm, 1320x600x800 mm incl. castors, (H x W x D)
Type: floor-standing with castors, welded body, removable

Door: 4mm toughened glass Cable entry: top + bottom

Mounting profiles: 2 pairs (front+back), adjustable
Fan openings: yes, built-in quadruple-fan
Additional equipment: two shelves
Colour: RAL 7035 (grey)
Protection degree: IP 20



#05598

Net Price: 368.00 USD Unit: pcs



with a maximum depth of 800mm.

#08194

Net Price: 505.00 USD Unit: pcs



with a maximum depth of 450mm.

### #05588

Net Price: 410.00 USD Unit: pcs

### Floor-standing 19" cabinet, 32U, glass door, 1560 x 600 x 800 mm

A pre-equipped (shelf, quadruple roof fan) server cabinet with 32U working height, standing on castors, is the cheapest medium-sized cabinet for mounting ICT equipment and devices with a maximum depth of 600mm.

Dimensions: 32U 19", 1560x600x800 mm, 1630x600x800 mm incl. castors, (H x W x D) Type: floor-standing with castors, welded body, removable

sides
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 2 pairs (front+back), adjustable
Fan openings: yes, built-in quadruple-fan
Additional equipment: two shelves

Colour: RAL 7035 (grey) Protection degree: IP 20



Net Price: 463.00 USD Unit: pcs



Colour: RAL 7035 (grey) Protection degree: IP 20

### #04966

Net Price: 585.00 USD Unit: pcs



### #04971

### Floor-standing 19" cabinet, 42U, glass door, 2000 x 600 x 800 mm

A pre-equipped (two shelves, quadruple roof fan, powe distribution unit) server cabinet with 42U working height, standing on castors, is the cheapest large-sized cabinet for mounting ICT equipment and devices with a maximum depth

Dimensions: 42U 19", 2000x600x800 mm, 2140x600x800 mm incl. castors, (H x W x D) Type: floor-standing with castors, welded body, removable

Door: 4mm toughened glass Cable entry: top + bottom cause enuy: top + bottom Mounting profiles: 2 pairs (front+back), adjustable Fan openings: yes, built-in quadruple-fan Additional equipment: two shelves Colour: RAL 7035 (grey) Protection degree: IP 20



# Floor-standing 19" cabinet, 42U, perforated door, 2000 x 800 x 1000 mm

A pre-equipped (shelf, quadruple roof fan) server cabinet with 42U working height, standing on castors, is the cheapest

large-sized cabinet for mounting ICT equipment and devices

Dimensions: 42U 19", 2000x600x1000 mm, 2140x600x1000 mm incl. castors, (H x W x D) Type: floor-standing with castors, welded body, removable

sides
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 2 pairs (front+back), adjustable
Fan openings: yes, built-in quadruple-fan
Additional equipment: two shelves

A pre-equipped (two shelves, quadruple roof fan) server cabinet with 42U working height, standing on castors, is the cheapest large-sized cabinet for mounting ICT equipment and devices with a maximum depth of 800mm.

Dimensions: 42U 19", 2000x800x1000 mm, 2140x800x1000 mm incl. castors, (H x W x D)
Type: floor standing with castors, welded body, removable sides
Door: perforated

Cable entry: top + bottom

Mounting profiles: 2 pairs (front/back), adjustable
Fan openings: yes, built-in quadruple-fan Additional equipment: two shelves Colour: RAL 7035 (light grey) Protection degree: IP 20



mounting screws Colour: RAL 7035 (grey) Protection degree: IP 20

Net Price: 85.60 USD Unit: pcs

### 19" open frame, 21U, single

The 19" rack frame enables mounting of accessories compliant with the 19" standard. Unlike typical 19" cabinets, the mounting frame does not restrict air circulation and allows for better cooling of the installed devices. Single version - one pair of 19 "rack bars.

A pre-equipped (two shelves, double roof fan) server cabinet with 42U working height, standing on castors, is the cheapest large-sized cabinet for mounting ICT equipment and devices

Dimensions: 42U 19", 2000x600x600 mm, 2140x600x600 mm incl. castors, (H x W x D) Type: floor-standing with castors, welded body, removable

sides
Door: 4mm toughened glass
Cable entry: top + bottom
Mounting profiles: 2 pairs (front+back), adjustable
Fan: built-in double fan
Additional equipment: two shelves, 20 sets of 4pcs. of

Dimensions: 21U, 1000 mm height Type: open rack 19", with castors Mounting profiles: 1 pair Colour: RAL 9005 (black)



### #04972

Net Price: 137.00 USD Unit: pcs



### #07763

Net Price: 127.00 USD Unit: pcs



### #07796

Net Price: 206.00 USD Unit: pcs

### 19" open frame, 21U, double

The 19" rack frame enables mounting of accessories compliant with the 19" standard. Unlike typical 19" cabinets, the mounting frame does not restrict air circulation and allows for better cooling of the installed devices. Double version - two pairs of 19" rack bars.

Dimensions: 21U 19", 1000 mm Type: open rack 19", with castors Mounting profiles: 2 pairs Colour: RAL 9005 (black)



# 19" open frame, 42U, single

The 19" rack frame enables mounting of accessories compliant with the 19" standard. Unlike typical 19" cabinets, the mounting frame does not restrict air circulation and allows for better cooling of the installed devices. Single version - one pair of 19 "rack bars.

Dimensions: 42U, 2000 mm height Type: open rack 19", with castor Mounting profiles: 1 pair Colour: RAL 9005 (black)



## 19" open frame, 42U, double

The 19" rack frame enables mounting of accessories compliant with the 19" standard. Unlike typical 19" cabinets, the mounting frame does not restrict air circulation and allows for better cooling of the installed devices. Double version - two pairs of 19" rack bars.

Dimensions: 42U 19", 2000 mm Type: open rack 19", with castors Mounting profiles: 2 pairs Colour: RAL 9005 (black)



## #07475

Net Price: 28 30 USD Unit: pcs



## #03813

Net Price: 37 30 USD Unit: pcs



## #04936

Net Price: 42 20 USD Unit: pcs

# Multimedia cabinet, steel door, 310 x 380 x 110

Universal wall-mounted cabinet with rack handles in 10" spacing. Vertical mounting and shallow depth.

Dimensions: 310x380x110mm, (H x W x D) Type: wall-mounted, welded body Door: steel

Mounting profiles: 1 pair, 10" spacing Colour: RAL 7035 (grey)

# Multimedia cabinet, steel door, 350 x 540 x 120

Wall-mounted rack cabinet with shallow depth, which enables vertical mounting of two 19" devices.

Dimensions: 2U 19", 350x540x120 mm, (H x W x D) Type: wall-mounted, welded body, removable sides Door: steel

Door: steel
Cable entry: top + bottom
Mounting profiles: 1 pair, adjustable height
Fan openings: no
Colour: RAL 7035 (grey)
Protection class: IP20

Additional equipment: a set of four screws for wall mounting The entries dimensions: 260mm x 50mm (height x width)

# Multimedia cabinet, steel door, 400 x 540 x 180

Wall-mounted rack cabinet with small depth, which enables vertical mounting of three 19" devices

Dimensions: 3U 19", 400x540x180 mm, (H x W x D) Dimensions: 30 19 , 400x340x180 mm, (H x W x D Type: wall-mounted, welded body, removable sides Door: steel Cable entry: top + bottom Mounting profiles: 1 pair, adjustable height Fan openings: no Colour: RAL 7035 (grey) Protection class: IP20

Additional equipment: a set of four screws for wall mounting The entries dimensions: 260mm x 50mm (height x width)

## Computer Network Accessories



#04976

Net Price: 38.80 USD Unit: pcs



#04475

Net Price: 7.12 USD Unit: pcs



#04476

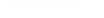
Net Price: 8.25 USD Unit: pcs

# Multimedia cabinet, steel door, 500 x 550 x 150

Wall-mounted rack cabinet with small depth, which enables vertical mounting of three 19" devices.

Dimensions: 3U 19", 500x500x150 mm, (H x W x D)

Dimensions: 30 19", 500x500x15f Type: wall-mounted, welded body Door: steel Cable entry: top + bottom Mounting profiles: 1 pair Fan openings: no Colour: RAL 7035 (grey) Protection class: IP20



Punched shelf, 19", 200 mm, 1U

Purpose: 19" cabinets Height: 1U Depth: 270mm Colour: RAL 7035 (grey) Punched shelf, 19", 260 mm, 1U

Purpose: 19" cabinets Height: 1U

Depth: 260mm Colour: RAL 7035 (grey)



#04477

Net Price: 24.80 USD Unit: pcs



#07079

Net Price: 5.09 USD Unit: pcs



#05582

Net Price: 8.47 USD Unit: pcs

## Shelf, 19", 380-560 mm, adjustable, w/bearing, 2U

A shelf attachable to the front and rear bars, for telecommunication cabinets with 19" rack bars spacing. Adjustable depth - 380-560mm

Purpose: 19" cabinets

Height: 2U Depth: 380-560mm, adjustable Colour: RAL 7035 (grey)

### Shelf, 10", 150 mm

Shelf meant for small telecommunication cabinets with 10" rack bars spacing. Allows for placing desktop equipment that does not have mounting handles.

Purpose: 10" cabinets Height: 1U Colour: RAL 7035 (grey)

### Punched shelf, 19", 270 mm, 1U

Shelf meant for self-assembly cabinets, may also be used for frames with 19" rack bars spacing.

Purpose: 19" cabinets

Purpose: 19 Cabinets
Height: 1U
Depth: 270mm
Weight-bearing capacity: up to 20kg
Colour: RAL 7035 (grey)



#02679

Net Price: 10.50 USD Unit: pcs



#04432

Net Price: 38.50 USD Unit: pcs



#08307

Net Price: 18.40 USD Unit: pcs

### Punched shelf, 19", 350 mm, 2U

Shelf meant for telecommunication cabinets with 19" rack bars spacing. Allows for placing documentation or desktop equipment in the cabinet without mounting brackets Perforated sheet metal, which the shelf is made of, does not block the air flow.

Purpose: 19" cabinets Height: 2U Depth: 350mm

Weight-bearing capacity: up to 20kg Colour: RAL 7035 (grey)

# Shelf, 19", 660 mm, reinforced, 1U

Reinforced, attached to the front and rear bars shelf meant for telecommunication cabinets with 19" rack bars spacing and 800mm depth. Allows for placing rather heavy equipment without mounting brackets in the cabinet.

Purpose: 19" cabinets Height: 1U Depth: 660mm, regulated (max. 840mm) Weight-bearing capacity: up to 100kg Colour: RAL 7035 (grey)

# Sliding shelf, 19", 1U, 600mm

Reinforced, attached to the front and rear bars shelf meant for telecommunication cabinets with 19" rack bars spacing and 600mm depth. Allows for placing rather heavy equipment without mounting brackets in the cabinet.

Purpose: 19" cabinets with 600mm depth Height: 1U Usable depth: 280mm

Mounting openings spacing: 210-310mm Fence lenght: 330mm Colour: RAL 9005 (black)



#08308

Net Price: 23.00 USD Unit: pcs



#08309

Net Price: 25 70 USD Unit: pcs



#06692

Net Price: 31.00 USD Unit: pcs

# Sliding shelf, 19", 1U, 800mm

Reinforced, attached to the front and rear bars shelf meant for telecommunication cabinets with 19" rack bars spacing and 800mm depth. Allows for placing rather heavy equipment without mounting brackets in the cabinet.

Purpose: 19" cabinets with 800mm depth

Height: 1U

Usable depth: 480mm

Mounting openings spacing: 410-510mm Fence lenght: 530mm Colour: RAL 9005 (black)

# Sliding shelf, 19", 1U, 1000mm

Reinforced, attached to the front and rear bars shelf meant for telecommunication cabinets with 19" rack bars spacing and 1000mm depth. Allows for placing rather heavy equipment without mounting brackets in the cabinet

Purpose: 19" cabinets with 1000mm depth

Height: 1U

Usable depth: 500mm

Mounting openings spacing: 610-710mm Fence lenght: 730mm Colour: RAL 9005 (black)

# Sliding drawer, 19", 2U

Lockable sliding drawer meant for storage of documents and small equipment. The knockout bushing allows the cables to be led inside. Two keys included.

Purpose: 19" cabinets with min. 350mm depth

Height: 2U Working depth: 330mm Colour: RAL 7035 (grey)



#06177

Net Price: 37.50 USD Unit: pcs



#06178

Net Price: 42.20 USD Unit: pcs #04931

Net Price: 60.40 USD Unit: pcs

# Sliding drawer, 19", 3U

Lockable drawer for storing documentation and small equipment. The knockout bushing allows the cables to be led

inside. Set includes two keys Purpose: 19" cabinets with 350 min. depth

Height: 3U

Usable depth: 330mm Colour: RAL 7035 (grey) Dimensions: 135x448x332 (HxWxD)

# Sliding drawer, 19", 4U

Lockable drawer for storing documentation and small equipment. The knockout bushing allows the cables to be led inside. Set includes two keys.

Purpose: 19" cabinets with 400 min. depth

Height: 4U Usable depth: 330mm Colour: RAL 7035 (grey) Dimensions: 179x448x332 (HxWxD)

# Digital Fan Unit 19" 1U, 2x fan, w/thermostat

Universal ventilation panel that can be installed in any 19" telecommunication cabinet. Control panel allows to set the temperature beyond which the fans are turned on.

Number of fans: 2 Dimensions:327x170x35mm Power: ~230 V AC Purpose: 19" cabinets Colour: black



#04932

Net Price: 72.70 USD Unit: pcs



#04938

Net Price: 85.40 USD Unit: pcs



### #07084

Net Price: 1.12 USD Unit: pcs

### Digital Fan Unit 19" 1U, 4x fan

Universal ventilation panel that can be installed in any 19" telecommunication cabinet. Equipped with a display allowing setting the temperature beyond which the fans are turned on.

Number of fans: 4 Dimensions:327x350x35mm Power: ~230 V AC Purpose: 19" cabinets Colour: black

## Digital Fan Unit 19" 1U, 4x fan, clock, alarm

Ventilation panel with handles enabling mounting in every 19" cabinet. The display on the front panel shows current time, temperature and the status of the fans. It also enables precise setting of the temperature beyond which the fans are turned on, as well as setting the temperature range beyond which sound and light alarms are activated.

### **Functions**

- Electronic thermostat, fan operation temperature range setting
- The upper and lower temperature limits beyond which an alarm is generated (fan operating temperature range + set deviation)
- +/- 5° temperature calibration
- Securing the minimum fan operation time (0-9 min.)
- Audio alarm delay by 0-99 minutes.
- Front panel power switch.
- Adjustable attachment to the rear rack bar.

Number of fans: 4 Depth: 320-470mm Power: ~230 V AC Purpose: 19" cabinets Colour: black



## Blank panel, 10", 1U, gray

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside.

Purpose: 10" cabinets Height: 1U Colour: RAL 7035 (grey)



### #08310

Net Price: 1.62 USD Unit: pcs



#03894

Net Price: .62 USD Unit: pcs



### #02685

Net Price: 2.37 USD Unit: pcs

### Blank panel, 19", 1U, black

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside

Purpose: 19" cabinets Height: 1U Colour: RAL 9005 (black)

### Blank panel, 19", 1U, black, quick setup

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside

Purpose: 19" cabinets Height: 1U Colour: RAL 9005 (black)



### Blank panel, 19", 1U, gray

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside

Purpose: 19" cabinets Height: 1U Colour: RAL 7035 (grey)



### #03892

Net Price: 1 62 USD Unit: pcs



### #08311

Net Price: 2 30 USD Unit: pcs



### #02686

Net Price: 2 72 USD Unit: pcs

# Blank panel, 19", 1U, grey, quick setup

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside.

Purpose: 19" cabinets Height: 1U Colour: RAL 7035 (grey)

# Blank panel, 19", 2U, black

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside

Purpose: 19" cabinets Height: 2U Colour: RAL 9005 (black)



Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside

Purpose: 19" cabinets Height: 2U Colour: RAL 7035 (grey)



# #02687

Net Price: 3 00 USD Unit: pcs



# #02682

Net Price: 3 90 USD Unit: pcs



# #02683

Net Price: 4 15 USD Unit: pcs

## Blank panel, 19", 3U, gray

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside.

Purpose: 19" cabinets Height: 3U Colour: RAL 7035 (grey)

# Blank panel, 19", 4U, gray

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside.

Purpose: 19" cabinets Height: 4U Colour: RAL 7035 (grey)

# Blank panel, 19", 5U, gray

Blank panels enable sustaining the proper air circulation in the cabinets and limit the deposition of dust inside.

Purpose: 19" cabinets Height: 5U Colour: RAL 7035 (grey)



# #03818

Net Price: 5.49 USD Unit: pcs



### #04793

Net Price: 4.17 USD Unit: pcs



### #00489

Net Price: 3.12 USD Unit: pcs

## Cable manager with brush, 19", 1U, black

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. The cable manager consists of a bezel with holes for pulling cables and four metal handles.

Purpose: 19" cabinets Height: 1U Number of handles: 4

Colour: RAL 9005 (black), black handles

## Cable manager, 19", 1U

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. The comb panel consists of an element fixed to the beams and a plug that is inserted after the cables are laid.

Purpose: 19" cabinets Height: 1U Comb dimensions: 60x40mm Colour: RAL 9005 (black)

# Cable manager, 19", 1U, black

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. The cable manager consists of a bezel with holes for pulling cables and five plastic handles.

Purpose: 19" cabinets Height: 1U

Colour: RAL 9005 (black), black handles Handles dimentions: 69x40mm (external), 57x28mm (inner)



### #08306

Net Price: 3.69 USD Unit: pcs



### #08927

Net Price: 0.283 USD Unit: pcs





### #03897

Net Price: 0.744 USD Unit: pcs

### Cable manager, 19", 1U, black

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. The cable manager consists of a bezel with holes for pulling cables and five metal handles.

Purpose: 19" cabinets Height: 1U Number of handles: 5

Handle lenght: 55 and 75mm Colour: RAL 9005 (black), black handles

### Jump ring, 40x40, metal

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet.

Purnose: 19" cabinets and open frames

Dimensions: 40x40mm

### Jump ring, 45,5x60, metal, black

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. Mounting set included.

Purpose: 19" cabinets and open frames

Dimensions: 44.5x60mm



### #03895

Net Price: 0.932 USD Unit: pcs



### #08926

Net Price: 0.288 USD Unit: pcs



### #03893

Net Price: 0.337 USD Unit: pcs

### Jump ring, 45,5x95, metal, black

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet. Mounting set included.

Purpose: 19" cabinets and open frames Dimensions: 44.5x95mm

### Jump ring, metal 80x40

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet.

Purpose: 19" cabinets and open frames Dimensions: 80x40mm

## Jump ring, metal 80x80

Cable managers enable organizing and attaching the cabling laid horizontally in the cabinet. They also prevent accidental damage to the cables when opening and closing the cabinet...

Purpose: 19" cabinets and open frames Dimensions: 80x80mm

### #04483

Net Price: 23.00 USD Unit: pcs



### #04974

Net Price: 16.80 USD Unit: pcs

### #03896

Net Price: 4.68 USD Unit: pcs

# Sliding spare cable drawer, 19", 1U

A shelf enabling organizing excess cabling in 19" cabinets. Organizer at the front. Inside there is a holder for optical fiber cassettes and cutouts for cable ties. Mounting elements for rack rails included.

Purpose: 19" cabinets with min. 350mm depth

Height: 1U

Usable depth: 260mm Colour: RAL 7035 (grey)

## 19" rack light panel

Purpose: 19" cabinets Height: 1U Light colour: white (6500K) Brightness: 405 lm

Colour of the mount: RAL 7035 (grey)

### 1U 19" DIN panel

1U panel with a DIN rail (TS35) meant for mounting in 19" cabinets.

Depth: 125mm

Height: 1U Color: RAL 9005 (black)



### #03819

Net Price: 5.05 USD Unit: pcs



### #04790

Net Price: 3.23 USD Unit: pcs



# #03764

Net Price: 0.483 USD Unit: 4pcs

### Blind cover with brush and shelf, 1U, black

The brush panel allows to insert wiring into the cabinet in front of the rack bars, while protecting the interior from dust.

Additionally, the shelf allows for aesthetic organization of

Purpose: 19" cabinets Dimensions: 1U Colour: black

# Blind cover with brush, 1U, black

The brush panel allows to insert wiring into the cabinet in front of the rack bars, while protecting the interior from dust.

Purpose: 19" cabinets Dimensions: 1U Colour: black

# Bolt + nut for 19" cabinet, 4pcs, 15mm

Set of elements enabling installation of devices or equipment in 10 and 19" cabinets.



# #02584

Net Price: 0.620 USD Unit: set



# #05921

Net Price: 18.20 USD Unit: set



### #02676

Net Price: 29.50 USD Unit: set

## Bolt + nut for 19" cabinet, 4pcs, 20mm

Set of elements enabling installation of devices or equipment in 10 and 19" cabinets.

## Mounting bars (pair), 19", 15U

Additional rack bars mounted at the back or side of the cabinet allow the installation of devices that require mounting at four (or more) points (e.g. servers, reinforced shelves. ups).

Purpose: standing and wall-mounted 19" 15U cabinets Material: galvanized steel

# Mounting bars (pair), 19", 24U

### Additional rack bars mounted at the back or side of the cabinet allow the installation of devices that require mounting at four (or more) points (e.g. servers, reinforced shelves,

Purpose: standing and wall-mounted 19" 24U cabinets Material: galvanized steel



#02677

Net Price: 37.20 USD Unit: set

### Mounting bars (pair), 19", 42U

Additional rack bars mounted at the back or side of the cabinet allow the installation of devices that require mounting at four (or more) points (e.g. servers, reinforced shelves,

Purpose: standing and wall-mounted 19" 42U cabinets Material: galvanized steel



#07463

Net Price: 16.80 USD Unit: pcs

### Voltage distribution panel 19" 3U

Distribution panel with a DIN rail (TS35) meant for mounting in 19" cabinets.

Depth: 60mm Height: 3U Gap size: 45x400mm Color: RAL 7035 (grey)

# Power distribution units



#07766

Net Price: 11.00 USD Unit: pcs



#01200

Net Price: 17.00 USD Unit: pcs



#07764

Net Price: 15.10 USD Unit: pcs

# Power distribution unit, 10" rackmount, 4 outlets,

Power distribution unit with a bracket for mounting in 10" rack cabinets, enables the connection of up to four receivers.

Purpose: 10" cabinets
Number of outlets: 4
Socket type: CEE 7/5 (French type)
Plug type: CEE 7/7 (Unischuko)
Switch: 1-pole + light
Maximum power: 3500W
Security type: IP20
Conductor: 1.8m, black, diameter 1.5mm2
Mounting: four-point butt mounting in RACK profiles
Height: 1U

# Power distribution unit, 19" rackmount, 6 outlets

Small, plastic power distribution unit enabling connecting up to five receivers along with a metal profile for mounting in a

Equipped with a power switch and overvoltage filter.

Purpose: 19" cabinets Number of outlets: 6 Conductor: 1,5m Fuse: automatic

Maximum discharge current: 6kA - 8/20µs

Rated current: 10A

Maximum power: 2500W Energy absorption: 155J Response time: <25ns Plug: PN-E-93203 type 2P + earthing Switch: illuminated, bipolar



Power distribution unit, 19" rackmount, 7 outlets, on/off switch, breaker, 1.8m

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to seven receivers.

Purpose: 19" cabinets Purpose: 19 Canifets
Number of outlets: 7
Socket type: CEE 7/5 (French type)
Plug type: CEE 7/7 (Unischuko)
Switch: 2-pole + backlit
Fuse: 16A 250V automatic overcurrent with reset
Maximum power: 3500W

Security type: IP20
Conductor: 1.8m, black, diameter 1.5mm2
Mounting: four-point butt mounting in RACK profiles
Height: 1,5U



#07488

Net Price: 13.90 USD Unit: pcs



#04967

Net Price: 14.10 USD Unit: pcs



#07767

Net Price: 14.40 USD Unit: pcs

# Power distribution unit, 19" rackmount, 8 C13 outlets, on/off switch, breaker, 1.8m

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to eight receivers.

Purpose: 19" cabinets Number of outlets: 8 Socket type: C13 Plug type: CEE 7/7 (Unischuko) Switch: 2-pole, backlit Fuse: 16A 250V automatic overcurrent with reset Maximum power: 3500W Security type: IP20 Conductor: 1.8m, black, diameter 1.5mm2

Mounting: four-point butt mounting in RACK profiles Height: 1U

# Power distribution unit, 19" rackmount, 8 C13 outlets, on/off switch, breaker, IEC C14 plug,

Power distribution unit in a solid, aluminium 19" rack case. enabling the connection of up to eight receivers

Purpose: 19" cabinets

Purpose: 19" cabinets
Number of outlets: 8
Socket type: IEC C13
Plug type: IEC C14
Switch: 2-pole, backlit
Fuse: 16A 250V automatic overcurrent with reset
Maximum power: 3500W
Security type: IP20
Conductor: 1.8m, black, diameter 1.5mm2
Mounting: four-point butt mounting in RACK profiles
Height: 1U

### Power distribution unit, 19" rackmount, 8 outlets, on/off switch, 1.8m

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to eight receivers.

Purpose: 19" cabinets Number of outlets: 8 Socket type: CEE 7/5 (French type) Plug type: CEE 7/7 (Unischuko) Switch: 2-pole, backlit Fuse: 16A 250V automatic overcurrent with reset

Maximum power: 3500W
Security type: IP20
Conductor: 1.8m, black, diameter 1.5mm2

Mounting: four-point butt mounting in RACK profiles Height: 1U

#07798

Net Price: 14 90 USD Unit: pcs



#07799

Net Price: 16 60 USD Unit: pcs



#04968

Net Price: 14 90 USD Unit: pcs

### Power distribution unit, 19" rackmount, 9 outlets, on/off switch, 1.8m

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to nine receivers.

Purpose: 19" cabinets Purpose: 19" cabinets
Number of outlets: 9
Socket type: CEE 7/5 (French type)
Plug type: CEE 7/7 (Unischuko)
Switch: 2-pole + backlit
Fuse: 16A 250V automatic overcurrent with reset
Maximum power: 3500W
Security type: IP20
Conductor: 1.8m, black, diameter 1.5mm2
Mounting: four-point butt mounting in RACK profiles
Height: 1U



### Power distribution unit, 19" rackmount, 9 outlets, on/off switch, 3.0m cable

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to nine receivers

Purpose: 19" cabinets Number of outlets: 9 Socket type: CEE 7/5 (French type), DIN 49440 Plug type: CEE 7/7 (Unischuko), DIN 49441 Switch: 2-pole + backlit Fuse: 16A 250V automatic overcurrent with reset Maximum power: 3500W

Security type: IP20 Conductor: 3.0m, black, diameter 1.5mm2 Mounting: four-point butt mounting in RACK profiles Height: 1U



Power distribution unit, 19" rackmount, 9 outlets, on/off switch, breaker, IEC C14 plug, 1.8m

Power distribution unit in a solid, aluminium 19" rack case, enabling the connection of up to nine UPS receivers

Purpose: 19" cabinets Purpose: 19 Capinets
Number of outlets: 9
Socket type: CEE 7/5 (French type)
Plug type: IEC C14
Switch: 2-pole, backlit
Fuse: 16A 250V automatic overcurrent with reset
Maximum power: 3500W Security type: IP20 Conductor: 1.8m, black, diameter 1.5mm2 Mounting: four-point butt mounting in RACK profiles Height: 1U

## Computer Network Accessories



#01188 Net Price: 8.68 USD Unit: pcs

# Power surge protector, 5 outlets (french type), 1.5 m, grey

Small, plastic power surge protector, allows connecting up to five receivers. Equipped with a power switch and overvoltage

Patch panels



#04410 Net Price: 22.60 USD Unit: pcs



type 8p4c connectors

Net Price: 32.30 USD Unit: pcs

#04484



type 8p8c connectors, rail

Net Price: 24.10 USD Unit: pcs

#08322

Patch panel, 25-port, UTP, cat. 3, 1U, 19", Krone type 8p4c connectors

> #08328 Net Price:

2 66 USD

Unit: pcs



#08225 Net Price: 9 33 USD Unit: pcs

#05592

Net Price: 28.30 USD Unit: pcs

Patch panel, 12-port, keystone, 1U, 10", blank

Patch panel enabling mounting of keystone sockets or connectors.

Patch panel, 12-port, UTP, cat. 5e, 1U, 10", IDC

Patch panel, 50-port, UTP, cat. 3, 1U, 19", Krone

Patch panel, 24-port, STP, cat. 5e, 1U, 19", Krone

Patch panel, 50-port, UTP, cat. 3, 1U, 19", Krone

#07486 Net Price: 16.60 USD Unit: pcs



#05595 Net Price: 14.10 USD Unit: pcs



#08302

Net Price: 14.40 USD Unit: pcs

Patch panel, 24-port, UTP, cat. 5e, 1U, 19", Dual block, w/cable holder

24-port unshielded patch panel category 5e for 19" cabinets. 1U height, Dual Block type connectors.

Kit includes:

- patch panel 4 cable ties mounting manual
- mounting screws

Patch panel, 24-port, UTP, cat. 5e, 1U, 19", IDC

24-port unshielded patch panel category 5e for 19" cabinets. 1U height, IDC 110 type connectors.

Patch panel, 24-port, UTP, cat. 5e, 1U, 19", IDC 110, wire management

24-port unshielded patch panel category 5e for 19" cabinets. 1U height, IDC 110 type connectors.

#02502 Net Price: 22.60 USD Unit: pcs



Net Price: 34 60 USD Unit: pcs

#08349



#04944

Net Price: 35 10 USD Unit: pcs

Patch panel, 24-port, UTP, cat. 5e, 1U, 19", Krone type, w/cable holder

Patch panel, 48-port, UTP, cat. 5e, 1U, 19", IDC

Patch panel, 24-port, STP, cat. 6, 1U, 19", IDC 110, with LED

24-port shielded patch panel, category 6, for 19" cabinets, 1U height, IDC 110 type connectors. Each of the ports is marked with a diode that allows for easy identification of the cable track and verification of the correctness of its terminations.

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#05668 Net Price: 39.30 USD Unit: pcs



#07487 Net Price: 21.70 USD Unit: pcs



Net Price: 20.50 USD Unit: pcs

#08305

Patch panel, 24-port, STP, cat. 6, 1U, 19", Krone type

Patch panel, 24-port, UTP, cat. 6, 1U, 19", Dual block, w/cable holder

24-port unshielded patch panel category 6 for 19" cabinets. 1U height, Dual Block type connectors.

Kit includes:

- patch panel
  4 cable ties
- mounting manual mounting screws

Patch panel, 24-port, UTP, cat. 6, 1U, 19", Dual-block

24-port unshielded patch panel category 6 for 19" cabinets. 1U height, Dual Block type connectors.

123/167





#04952 Net Price: 8.78 USD Unit: pcs

Patch panel, 24-port, keystone, 1U, 19", blank, w/cable holder

24-port patch panel, 1U height.

Twisted Pair Cables



#07243

Net Price: 103 00 USD Unit: roll 305m



#07255

Net Price: 103 00 USD Unit: roll 305m



#07247

Net Price: 135 00 USD Unit: roll 305m

### Cable U/UTP Wave Cables, cat.5E, grey, 4x2x24 AWG, Cu, 305 m, solid

High quality UTP/unshielded cable, "twisted pair" type, 5e category from the reputable Wave Cables, for use in internal network installations

Conductor: solid copper wire 24AWG 0.495 +/- 0.005mm, with HDPE 0.88mm coating Coating: PCV 0.51mm Diameter: 4.9 +/- 0.2mm

Standards: Category: cat. 5e; class D Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable U/UTP + cable length marker

Standard package: 305m cardboard box Manufacturer: Wave Cables

Net Price: 137.00 USD Unit: roll 305m



# Cable U/UTP Wave Cables, cat.6, grey, LSOH, 4x2x23 AWG, Cu, 305 m, solid

High quality cables, category 6, from the reputable Wave Cables, meet all the requirements of category 6, which allows them to be used in most installations.

Coating is made of halogen-free material, flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

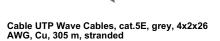
Structure:

Structure: Conductor: solid copper wire 23AWG 0.54mm, with coating HDPE 0.99mm
Coating: LSOH 0.51mm
Diameter: 5.9 +/- 0.2mm
Standards:

Standards:
Category: cat. 6; class E
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2
Marking and packaging:
Cable marking: Wave Cable U/UTP + index of length
Standard package: 305m cardboard box
Manufacturer: Wave Cables

#07244

Net Price: 86.80 USD Unit: roll 305m



High quality category 5e cables, from the reputable Wave Cables, meet all the requirements of category 5e. Their elasticity allows them to be used mainly in server cabinets.

Structure:

Conductor: stranded copper wire 26AWG, 7x0.152mm. with

coating HDPE 0.83mm Coating: PCV min. 0.46mm Diameter: 4.5 +/- 0.2mm

Standards:
Category: cat. 5e; class D
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable U/UTP + index of length

Standard package: 305m cardboard box Manufacturer: Wave Cables

Cable U/UTP Wave Cables, cat.5E, grey, LSOH, 4x2x24 AWG, Cu, 305 m, solid

High quality cables, category 5e, from the reputable Wave Cables, meet all the requirements of category 5e, which

allows them to be used in most installations.

Coating is made of halogen-free material, flame-retardant, with limited emission of smoke and corrosive gases (LSOH)

Conductor: solid copper wire 24AWG 0.495 +/- 0.005mm, with HDPE 0.88mm coating

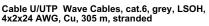
Coating: LSOH 0.51mm Diameter: 4.9 +/- 0.2mm

Standards:
Category: cat. 5e; class D
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable U/UTP + index of length
Standard package: 305m cardboard box
Manufacturer: Wave Cables

#07260

Net Price: 175.00 USD Unit: roll 305m



High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets.

The coating is made of halogen-free material, flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Conductor: stranded copper wire 24AWG, 7x0.192mm, with

coating HDPE 0.98mm Coating: LSOH min. 0.51mm Diameter: 5.8 +/- 0.2mm

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable U/UTP + index of length
Standard package: 305m cardboard box

Manufacturer: Wave Cables



Cable U/UTP Wave Cables, cat.6, grey, 4x2x23 AWG, Cu, 305 m, solid

High quality cables, category 6, from the reputable Wave Cables, meet all the requirements of category 6, which allows them to be used in most installations.

Structure:

Conductor: solid copper wire 23AWG 0.54mm, with coating

HDPE 0.99mm Coating: PCV 0.51mm Diameter: 5.9 +/- 0.2mm

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2 Standards: IEC61136-5, EN30286-3-1, ANSI/TIA368/ Marking and packaging: Cable marking: Wave Cable U/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables

#07248

Net Price: 169.00 USD Unit: roll 305m



High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets.

Structure:

Conductor: stranded copper wire 24AWG, 7x0,192mm, with coating HDPE 0,98mm
Coating: PCV min. 0,51mm
Diameter: 5,8 +/- 0,2mm

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2 Marking and packaging: Cable marking: Wave Cable U/UTP + index of length

Standard package: 305m cardboard box Manufacturer: Wave Cables

#07288

Net Price: 128.00 USD Unit: roll 305m



# Cable F/UTP Wave Cables, cat.5E, blue, LSOH, 4x2x24 AWG, Cu, 305 m, solid

High quality category 5e cables, from the reputable Wave Cables, meet all the requirements of category 5e, which

allows the to be used in most installations. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: solid copper wire 24AWG 0.512 +/- 0.005mm, with coating HDPE 0.88mm Coating: LSOH 0,51mm Diameter: 5.1 +/- 0.2mm

Shield: Al/PET (50/15µm)

Standards:

Category: cat. 5e; class D Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m wooden spool Manufacturer: Wave Cables



#07245

Net Price: 127.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.5E, grey, 4x2x24 AWG, Cu, 305 m, solid

High quality FTP/shielded cable, "twisted pair" type, category 5e, from the reputable Wave Cables, for use in internal network installations.

Structure:

Conductor: solid copper wire 24AWG 0.512 +/- 0.005mm, with coating HDPE 0.88mm
Coating: PCV 0.51mm
Diameter: 5.1 +/- 0.25mm
Shald: AUFET (50.25mm) Shield: Al/PET (50/15µm)

Standards: Category: cat. 5e; class D

Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Standards: IEL61136-5, EN50288-3-1, ANSI/TIA568 Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m wooden spool Manufacturer: Wave Cables

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### #07257

Net Price: 128.00 USD Unit: roll 305m



gases (LSOH).

Structure:

Standards:

Cable F/UTP Wave Cables, cat.5E, yellow, LSOH, 4x2x24 AWG, Cu, 305 m, solid

flame-retardant, with limited emission of smoke and corrosive

Structure:
Conductor: solid copper wire 24AWG 0.512 +/- 0.005mm,
with coating HDPE 0.88mm
Coating: LSOH 0,51mm
Diameter: 5.1 +/- 0.2mm
Shield: Al/PET (50/15µm)

Category: cat. 5e; class D Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Cable F/UTP Wave Cables, cat.5E, grey, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 5e cables, from the reputable Wave

elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive

Succure:
Conductor: stranded copper wire 26AWG, 7x0.152mm, with coating HDPE 0.83mm
Coating: LSOH min. 0.46mm
Diameter: 5.0 +/- 0.2mm
Shield: Al/PET (25/25µm)

Category: cat. 5e; class D Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Cables, meet all the requirements of category 5e. Their

Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m wooden spool

High quality category 5e cables, from the reputable Wave Cables, meet all the requirements of category 5e, which

allows the to be used in most installations.

The coating is made of halogen-free material,

### #07287

Net Price: 128.00 USD Unit: roll 305m



gases (LSOH).

Structure:

Standards:

Cable F/UTP Wave Cables, cat.6, grey, LSOH, 4x2x23 AWG, Cu, 305 m, solid

the to be used in most installations.

The coating is made of halogen-free material

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6, which allows

flame-retardant, with limited emission of smoke and corrosive

Structure:
Conductor: solid copper wire 23AWG 0.551 +/- 0.005mm,
with coating HDPE 0.88mm
Coating: LSOH 0.51mm
Diameter: 7.3 +/- 0.2mm
Shield: Al/PET (65/26µm)

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m wooden spool
Manufacturer: Wave Cables

### #07261

#07273

Net Price:

128.00 USD Unit: roll 305m

Net Price: 175.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.5E, grey, LSOH, 4x2x24 AWG, Cu, 305 m, solid

High quality category 5e cables, from the reputable Wave Cables, meet all the requirements of category 5e, which allows the to be used in most installations

The coating is made of halogen-free material flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:
Conductor: solid copper wire 24AWG 0.512 +/- 0.005mm, with coating HDPE 0.88mm
Coating: LSOH 0,51mm
Diameter: 5.1 +/- 0.2mm
Shield: AI/PET (50/15µm)
Standards:

Standards: Category: cat. 5e; class D Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Cable F/UTP Wave Cables, cat.5E, grey, 4x2x26

High quality category 5e cables, from the reputable Wave Cables, meet all the requirements of category 5e. Their

elasticity allows them to be used mainly in server cabinets.

Conductor: stranded copper wire 26AWG, 7x0,152mm, with

Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Standards: IEC61136-5, ENS0/286-3-1, ANSI/TIAS68/ Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables

Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m wooden spool

Manufacturer: Wave Cables

AWG, Cu, 305 m, stranded

coating HDPE 0.83mm Coating: PCV min. 0.46mm Diameter: 5.0 +/- 0.2mm

Shield: Al/PET (25/25µm) Standards: Category: cat. 5e; class D

### #07246

Net Price: 104.00 USD Unit: roll 305m



### #07258



Manufacturer: Wave Cables

### Net Price:

108.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.6, black, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material, flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0.152mm, with coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm

Shield: Al/PET (65/26µm)

Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables

gases (LSOH).

Structure:

Standards:

Net Price: 128.00 USD Unit: roll 305m

# #07272

Net Price: 128.00 USD Unit: roll 305m

Cable F/UTP Wave Cables, cat.6, blue, LSOH, 4x2x26 AWG, Cu, 305 m, stranded High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0,152mm, with

coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm Shield: Al/PET (65/26µm)

Standards:

Startourds:
Category: cat. 6; class E
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2
Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length

Standard package: 305m cardboard box Manufacturer: Wave Cables

## #07271

# Cable F/UTP Wave Cables, cat.6, green, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material, flame-retardant, with limited emission of smoke and corrosive

gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0,152mm, with

coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm Shield: Al/PET (65/26µm)

Standards:

Standards:
Category: cat. 6; class E
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2
Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m cardboard box
Manufacturer: Wave Cables



Standards:

Standards:
Category: cat. 6; class E
Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2
Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m cardboard box
Manufacturer: Wave Cables

## #07250

Net Price: 126.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.6, grey, 4x2x26 AWG, Cu, 305 m, stranded

# High quality category 6 cables, from the reputable Wave

Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets.

Structure:

Conductor: stranded copper wire 26AWG, 7x0,152mm, with coating HDPE 0,83mm
Coating: PCV min. 0,46mm
Diameter: 5,7 +/- 0,2mm

Shield: Al/PET (65/26µm) Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables







#07270 Net Price: 128.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.6, red, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0.152mm, with

coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm Shield: Al/PET (65/26µm) Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m cardboard box
Manufacturer: Wave Cables

### #07262

Net Price: 128.00 USD Unit: roll 305m

### Cable F/UTP Wave Cables, cat.6, grey, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0.152mm, with

coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm Shield: Al/PET (65/26µm)

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables

### Cable F/UTP Wave Cables, cat.6, white, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Conductor: stranded copper wire 26AWG, 7x0.152mm, with coating HDPE 0.83mm Coating: LSOH 0.46mm Diameter: 5.7 +/- 0.2mm

Shield: Al/PET (65/26µm)

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable F/UTP + index of length Standard package: 305m cardboard box Manufacturer: Wave Cables

### #07264

Net Price: 190.00 USD Unit: roll 305m

### Cable U/FTP Wave Cables, cat.6A, grey, LSOH, 4x2x23 AWG, Cu, 305 m, solid High-quality, "twisted pair" type cable from Wave Cables that

meets all the category 6A requirements. For use in internal installations.

Structure:

Conductor: solid copper wire 23AWG, 0.57mm, with coating PE 1.335mm

Coating: LSOH min. 0.51mm Diameter: 7.1 +/- 0.2mm Shield: Al/PET (50/12µm)

Standards: Category: cat. 6a; class E Standards: IEC61156-5, EN50288-4-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable U/FTP + index of length
Standard package: 305m wooden spool
Manufacturer: Wave Cables

### #07268

Net Price: 128.00 USD Unit: roll 305m

### #07269

Net Price: 128.00 USD Unit: roll 305m

# Cable F/UTP Wave Cables, cat.6, yellow, LSOH, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6 cables, from the reputable Wave Cables, meet all the requirements of category 6. Their elasticity allows them to be used mainly in server cabinets. The coating is made of halogen-free material,

flame-retardant, with limited emission of smoke and corrosive gases (LSOH).

Structure:

Structure: Conductor: stranded copper wire 26AWG, 7x0.152mm, with coating HDPE 0.83mm
Coating: LSOH 0.46mm
Diameter: 5.7 +/- 0.2mm
Shield: Al/PET (65/26µm)

Standards:

Category: cat. 6; class E Standards: IEC61156-5, EN50288-3-1, ANSI/TIA568C.2

Marking and packaging:
Cable marking: Wave Cable F/UTP + index of length
Standard package: 305m cardboard box

Manufacturer: Wave Cables

### #07254

Net Price: 184.00 USD Unit: roll 305m

# Cable S/FTP (PiMF) Wave Cables, cat.6A, grey, 4x2x26 AWG, Cu, 305 m, stranded

High quality category 6A cables, from the reputable Wave Cables, meet all the requirements of category 6.A Their elasticity allows them to be used mainly in server cabinets.

Structure:

Structure: Conductor: stranded copper wire 26AWG, 7x0.148mm, with coating HDPE 1.03mm
Coating: PCV min. 0.46mm
Diameter: 6.3 +/- 0.2mm
Shield: Al/PET (25/25µm)

Braid: Copper Clad with Steel 4x16x0.1mm Standards:

Category: cat. 6a; class E Standards: IEC61156-6, EN50288-4-2, ANSI/TIA568C.2 Marking and packaging: Cable marking: Wave Cable S/FTP + index of length

Standard package: 305m wooden spool Manufacturer: Wave Cables



# #07263

Net Price: 214.00 USD Unit: roll 305m

## #07265

Net Price: 237.00 USD Unit: roll 305m

# Cable S/FTP (PiMF) Wave Cables, cat.6A, grey, LSOH/LSZH, 4x2x23 AWG, Cu, 305 m, solid

High-quality, "twisted pair" type cable from Wave Cables that meets all the category 6A requirements. For use in internal

Structure:

Structure:
Conductor: solid copper wire 23AWG, 0.57mm, with coating
PE 1.335mm
Coating: LSOH min. 0.51mm
Diameter: 7.3 +/- 0.2mm
Shield: Al/PET (50/12µm)
Braid: Tin Plated Copper 4x16x0.1mm

Standards:

Category: cat. 6a; class E Standards: IEC61156-5, EN50288-4-1, ANSI/TIA568C.2 Marking and packaging:
Cable marking: Wave Cable S/FTP + index of length

Standard package: 305m wooden spool Manufacturer: Wave Cables

# Cable S/FTP (PiMF) Wave Cables, cat.7, grey, LSOH/LSZH, 4x2x23 AWG, Cu, 305 m, solid

High-quality, "twisted pair" type cable from Wave Cables that meets all the category 7 requirements. For use in internal

Structure:

Conductor: solid copper wire 23AWG, 0.57mm, with coating

Conductor: soila copper wire 25Avv3, 1 PE 1.335mm Coating: LSOH min. 0.51mm Diameter: 7.3 +/- 0.2mm Shield: Al/PET (50/12µm) Braid: Tin Plated Copper 4x16x0.1mm

Standards:

Category: cat.7; class F Standards: IEC61156-5, EN50288-4-1, ANSI/TIA568C.2

Marking and packaging: Cable marking: Wave Cable S/FTP + index of length Standard package: 305m wooden spool Manufacturer: Wave Cables

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Network Patch Cables



#03845 Net Price: 0.293 USD Unit: pcs



Net Price: 0.293 USD Unit: pcs

#03843

#03844

#03189



#03846 Net Price: 0.293 USD Unit: pcs

Patch cable UTP cat. 5e, 0.25 m, black

Patch cable, cat.5e, unshielded, black, 0.25m

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 0.25 m, grey

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 0.25 m, yellow

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, yellow, 0.25m

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Connector

Patch cable, cat.5e, unshielded, grey, 0.25m

Frequency: 100 MHz Working temperature: 0°C - 60°C

Connector

#03842 Net Price: 0.293 USD Unit: pcs

0.293 USD

Unit: pcs

Net Price: 0.293 USD Unit: pcs

Patch cable UTP cat. 5e, 0.25 m, red

Patch cable UTP cat. 5e, 0.25 m, blue

Patch cable, cat.5e, unshielded, blue, 0.25m

Shielding type / cat: UTP cat 5e, unshielded

Outer diameter : 5,0 mm, PVC

RoHS 2011/65/EU: EN IEC 63000

Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, red, 0.25m

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#03847 Net Price:



Net Price: 0.324 USD Unit: pcs

Patch cable UTP cat. 5e, 0.5 m, black

Patch cable, cat.5e, unshielded, black, 0.5m

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Collinetol RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#03190 Net Price:



#03789 Net Price: 0.324 USD Unit: pcs

Patch cable UTP cat. 5e, 0.5 m, grey

Patch cable, cat.5e, unshielded, grey, 0.5m

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC

Connector

Collinetol RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 0.25 m, green

Patch cable, cat.5e, unshielded, green, 0.25m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#03848

Net Price: 0.293 USD Unit: pcs

Patch cable UTP cat. 5e, 0.25 m, white

Patch cable, cat.5e, unshielded, white, 0.25m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#04735

Net Price: 0.324 USD Unit: pcs

Patch cable UTP cat. 5e, 0.5 m, blue

Patch cable, cat.5e, unshielded, blue, 0.5m

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#04730

Net Price: 0.324 USD Unit: pcs

Patch cable UTP cat. 5e, 0.5 m, red

Patch cable, cat.5e, unshielded, red, 0.5m

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC

Connector

Collinectol RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



0.324 USD Unit: pcs



Patch cable UTP cat. 5e, 0.5 m, green

Patch cable, cat.5e, unshielded, green, 0.5m

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C





#03849 Net Price: 0.324 USD Unit: pcs



Patch cable UTP cat. 5e, 0.5 m, yellow

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 1.0 m, green, LSOH

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 1.0 m, white

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, white, 1.0m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, green, 1m

Outer diameter: 5,0 mm, LSOH

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, yellow, 0.5m

Outer diameter : 5,0 mm, PVC Connector

IEC-60603-7-5, TIA/EIA 568B

#05187 Net Price: 0.324 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 1.0 m, black, LSOH

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH
Core diameter / AWG: 26
Outer diameter : 5,0 mm, LSOH
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 1.0 m, grey

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 1.0 m, yellow, LSOH

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, yellow, 1m

Outer diameter : 5,0 mm, LSOH

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, grey, 1m

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, black, 1m

#03191 Net Price: 0.400 USD Unit: pcs

### Patch cable UTP cat. 5e, 0.5 m, white

Patch cable, cat.5e, unshielded, white, 0.5m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04736 Net Price: 0.400 USD Unit: pcs



Cable

#03192 Net Price: 0.400 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

#03790 Net Price: 0.400 USD Unit: pcs

### Patch cable UTP cat. 5e, 1.0 m, blue LSOH

Patch cable, cat.5e, unshielded, blue, 1m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26 Outer diameter: 5,0 mm, LSOH Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04731 Net Price: 0.400 USD Unit: pcs



#03850 Net Price: 0.400 USD Unit: pcs



Cable

#05188 Net Price: 0.400 USD Unit: pcs

# Patch cable UTP cat. 5e, 1.0 m, red

Patch cable, cat.5e, unshielded, red, 1m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Cable

Outer diameter : 5,0 mm, PVC Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05006 Net Price: 0.473 USD Unit: pcs



Cable

#05004 Net Price: 0.473 USD Unit: pcs



#05007 Net Price: 0.473 USD Unit: pcs

# Patch cable UTP cat. 5e, 1.5 m, black

Patch cable, cat.5e, unshielded, black, 1.5m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable UTP cat. 5e, 1.5 m, blue

Patch cable, cat.5e, unshielded, blue, 1.5m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 5e, 1.5 m, green

Patch cable, cat.5e, unshielded, green, 1.5m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C



#05003

Net Price: 0.473 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 1.5 m, red

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 2.0 m, black

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, black, 2m

Outer diameter: 5,0 mm, PVC

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, red, 1.5m

Outer diameter : 5,0 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#05005

Net Price: 0.473 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 1.5 m, white

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 2.0 m, blue

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 2.0 m, red

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, red, 2m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, blue, 2m

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, white, 1.5m

#03851

Net Price: 0.473 USD Unit: pcs

### Patch cable UTP cat. 5e, 1.5 m, grey

Patch cable, cat.5e, unshielded, grey, 1.5m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05189

Net Price: 0.473 USD Unit: pcs



Cable

### #03193

Net Price: 0.537 USD Unit: pcs



Cable

Cable

IEC-60603-7-5, TIA/EIA 568B

### #04737

#04732

Net Price:

Unit: pcs

0.537 USD

Net Price: 0.537 USD Unit: pcs

### Patch cable UTP cat. 5e, 1.5 m, yellow

Patch cable, cat.5e, unshielded, yellow, 1.5m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter: 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Patch cable UTP cat. 5e, 2.0 m, green

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, green, 2m

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Cable

## #03194

Net Price: 0.537 USD Unit: pcs



## #03791

Net Price: 0.537 USD Unit: pcs



# Patch cable UTP cat. 5e, 2.0 m, grey

Patch cable, cat.5e, unshielded, grey, 2m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Outer diameter : 5,0 mm, PVC

# #03852

Net Price: 0.537 USD Unit: pcs



# #05190

Net Price: 0.537 USD Unit: pcs



### Patch cable UTP cat. 5e, 2.0 m, white

Patch cable, cat.5e, unshielded, white, 2.0m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B





# #03195

Net Price: 0.673 USD Unit: pcs

# Patch cable UTP cat. 5e, 2.0 m, yellow

Patch cable, cat.5e, unshielded, yellow, 2m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 5e, 3.0 m, black

Patch cable, cat.5e, unshielded, black, 3m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C



#04738

Net Price: 0.673 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 3.0 m, green

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 3.0 m, white

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 5.0 m, blue

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, blue, 5m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, white, 3.0m

Outer diameter: 5,0 mm, PVC

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, green, 3m

Outer diameter : 5,0 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#03196 Net Price: 0.673 USD Unit: pcs

Cable

Patch cable UTP cat. 5e, 3.0 m, grey

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 3.0 m, yellow

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 5.0 m, green

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, green, 5m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, yellow, 3m

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, grey, 3m

#03792

Net Price: 0.673 USD Unit: pcs

### Patch cable UTP cat. 5e, 3.0 m, blue

Patch cable, cat.5e, unshielded, blue, 3m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04733

Net Price: 0.673 USD Unit: pcs



Cable

#03853

Net Price: 0.673 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

#05191

Net Price: 0.673 USD Unit: pcs

### Patch cable UTP cat. 5e, 3.0 m, red

Patch cable, cat.5e, unshielded, red, 3m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## #03197

Net Price: 0.971 USD Unit: pcs



Cable

## #04739

Net Price: 0.971 USD Unit: pcs



Cable

#03198

Net Price: 0.971 USD Unit: pcs

### Patch cable UTP cat. 5e, 5.0 m, black

Patch cable, cat.5e, unshielded, black, 5m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #03793

Net Price: 0.971 USD Unit: pcs



### #04734

Net Price: 0.971 USD Unit: pcs





# #03854

Net Price: 0.971 USD Unit: pcs

### Patch cable UTP cat. 5e, 5.0 m, grey

Patch cable, cat.5e, unshielded, grey, 5m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable UTP cat. 5e, 5.0 m, red

Patch cable, cat.5e, unshielded, red, 5m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 5e, 5.0 m, white

Patch cable, cat.5e, unshielded, white, 5.0m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C





#05192 Net Price: 0.971 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 7.0 m, black LSOH

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 7.0 m, grey LSOH

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 7.0 m, yellow

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, yellow, 7m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, grey, 7m

Outer diameter: 5,0 mm, LSOH

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, black, 7m

Outer diameter : 5,0 mm, LSOH Connector

IEC-60603-7-5, TIA/EIA 568B

#05166 Net Price: .25 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 7.0 m, blue

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 7.0 m, red

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 10.0 m, black, LSOH

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, black, 10m

Outer diameter : 5,0 mm, LSOH

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, red, 7m

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, blue, 7m

#05167 Net Price: 1.25 USD Unit: pcs

Patch cable UTP cat. 5e, 5.0 m, yellow

Patch cable, cat.5e, unshielded, yellow, 5m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05168 Net Price: 1.25 USD Unit: pcs

Cable

#05169 Net Price: 1.25 USD Unit: pcs

Cable

IEC-60603-7-5, TIA/EIA 568B

#05170 Net Price: 1.25 USD Unit: pcs

Patch cable UTP cat. 5e, 7.0 m, green

Patch cable, cat.5e, unshielded, green, 7m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05171 Net Price: 1 25 USD Unit: pcs



Cable

#05172 Net Price: 1 25 USD Unit: pcs



Cable

#05683 Net Price: 1 66 USD Unit: pcs

Patch cable UTP cat. 5e, 7.0 m, white

Patch cable, cat.5e, unshielded, white, 7m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05900 Net Price: 1 66 USD Unit: pcs



#05163 Net Price: 1 66 USD Unit: pcs

#05920 Net Price: 1 66 USD Unit: pcs

Patch cable UTP cat. 5e, 10.0 m, blue

Patch cable, cat.5e, unshielded, blue, 10m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 10.0 m, green

Patch cable, cat.5e, unshielded, green, 10m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 10.0 m, grey

Patch cable, cat.5e, unshielded, grey, 10m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C





#05164 Net Price: 1.66 USD Unit: pcs



Patch cable UTP cat. 5e, 10.0 m, white

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 15.0 m, blue

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 15.0 m, red

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, red, 15m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, blue, 15m

Outer diameter: 5,0 mm, PVC

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, white, 10m

Outer diameter : 5,0 mm, PVC Connector

IEC-60603-7-5, TIA/EIA 568B

#05165 Net Price: 1.66 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 10.0 m, yellow

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 15.0 m, green

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 15.0 m, white

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, white, 15m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, green, 15m

Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, yellow, 10m

#05899 Net Price: 1.66 USD Unit: pcs

### Patch cable UTP cat. 5e, 10.0 m, red

Patch cable, cat.5e, unshielded, red, 10m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04419 Net Price: 2.33 USD Unit: pcs



Cable

#04421 Net Price: 2.33 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

#04422 Net Price: 2.33 USD Unit: pcs

### Patch cable UTP cat. 5e, 15.0 m, black

Patch cable, cat.5e, unshielded, black, 15m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05897 Net Price: 2 33 USD Unit: pcs



Cable

#04420



Net Price: 2 33 USD Unit: pcs



Cable

#04415 Net Price: 2 33 USD Unit: pcs

## Patch cable UTP cat. 5e, 15.0 m, grey

Patch cable, cat.5e, unshielded, grey, 15m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04423 Net Price: 2 33 USD Unit: pcs

#04425 Net Price: 3 02 USD Unit: pcs



#04427 Net Price: 3 02 USD Unit: pcs

### Patch cable UTP cat. 5e, 15.0 m, yellow

Patch cable, cat.5e, unshielded, yellow, 15m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable UTP cat. 5e, 20.0 m, black

Patch cable, cat.5e, unshielded, black, 20m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 5e, 20.0 m, blue

Patch cable, cat.5e, unshielded, blue, 20m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C





#04428 Net Price: 3.02 USD Unit: pcs



Patch cable, cat.5e, unshielded, grey, 20m

Outer diameter : 5,0 mm, LSOH Connector

IEC-60603-7-5, TIA/EIA 568B

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 5e, 20.0 m, yellow

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, yellow, 20m

#05898 Net Price: 3.02 USD Unit: pcs



Cable

Patch cable UTP cat. 5e, 20.0 m, red, LSOH

Cable
Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH
Core diameter / AWG: 26
Outer diameter : 5,0 mm, LSOH
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.5e, unshielded, black, 25m

Working temperature: 0°C - 60°C

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Core diameter : 5,0 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 5e, 25.0 m, grey

Cable Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, grey, 25m

Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable, cat.5e, unshielded, red, 20m

#04426 Net Price: 3.02 USD Unit: pcs

## Patch cable UTP cat. 5e, 20.0 m, green

Patch cable, cat.5e, unshielded, green, 20m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04424 Net Price: 3.02 USD Unit: pcs

Cable

#04429 Net Price: 3.02 USD Unit: pcs



Cable

Cable

IEC-60603-7-5, TIA/EIA 568B

#05959 Net Price: 3.02 USD Unit: pcs

#05960

Net Price:

3 02 USD

Unit: pcs

### Patch cable UTP cat. 5e, 20.0 m, white

Patch cable, cat.5e, unshielded, white, 20m

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26 Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05955 Net Price: 3 02 USD Unit: pcs



#05956 Net Price:



Outer diameter : 5,0 mm, PVC

Frequency: 100 MHz Working temperature: 0°C - 60°C

Patch cable UTP cat. 5e, 25.0 m, green

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, green, 25m

Outer diameter: 5,0 mm, PVC

Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

3 02 USD Unit: pcs



Patch cable, cat.5e, unshielded, blue, 25m

Cable

Shielding type / cat: UTP cat 5e, unshielded
Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Outer diameter: 5,0 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05957 Net Price: 3.02 USD Unit: pcs

Cable

#05958 Net Price: 3 02 USD Unit: pcs



#05961 Net Price: 3 02 USD Unit: pcs

### Patch cable UTP cat. 5e, 25.0 m, red

Patch cable, cat.5e, unshielded, red, 25m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.5e, unshielded, white, 25m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + LSOH Core diameter / AWG: 26

Patch cable UTP cat. 5e, 25.0 m, white, LSOH

Outer diameter : 5,0 mm, LSOH

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/-5 Ohm
Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable UTP cat. 5e, 25.0 m, yellow

Patch cable, cat.5e, unshielded, yellow, 25m

Shielding type / cat: UTP cat 5e, unshielded Cable construction: 4x2 (1P\*7/0.15CCA)\*4 + PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/-5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C





#07213 Net Price: 0.463 USD Unit: pcs



Patch cable UTP cat. 6, 0.5 m, blue, LSOH

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6, unshielded, blue, 0.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26

Outer diameter: 5,5 mm, LSOH Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 0.5 m, red

Patch cable, cat.6, unshielded, red, 0.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 1.0 m, black

Patch cable, cat.6, unshielded, black, 1m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

equency: 250 MHz Working temperature: 0°C - 60°C

Outer diameter: 5,5 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

#07214 Net Price: 0.463 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 0.5 m, green

Patch cable, cat.6, unshielded, green, 0.5m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 0.5 m, white

Patch cable, cat.6, unshielded, white, 0.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 1.0 m, blue

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, unshielded, blue, 1m

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

#07215 Net Price: 0.463 USD Unit: pcs

### Patch cable UTP cat. 6, 0.5 m, black

Patch cable, cat.6, unshielded, black, 0.5m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#02691 Net Price: 0.463 USD Unit: pcs



Cable

#07216 Net Price: 0.463 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

Net Price: 0.463 USD Unit: pcs

#03855

## Patch cable UTP cat. 6, 0.5 m, grey

Patch cable, cat.6, unshielded, grey, 0.5m

Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07217 Net Price: 0.463 USD Unit: pcs



Cable

#07218 Net Price: 0.541 USD Unit: pcs



Cable

#07219 Net Price: 0.541 USD Unit: pcs

# Patch cable UTP cat. 6, 0.5 m, yellow

Patch cable, cat.6, unshielded, yellow, 0.5m

Cable Caule
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Outer diameter: 5,5 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07220 Net Price: 0.541 USD Unit: pcs



#02692 Net Price: 0.541 USD Unit: pcs



#07221 Net Price: 0.541 USD Unit: pcs

### Patch cable UTP cat. 6, 1.0 m, green

Patch cable, cat.6, unshielded, green, 1m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable UTP cat. 6, 1.0 m, grey

Patch cable, cat.6, unshielded, grey, 1m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable UTP cat. 6, 1.0 m, red

Patch cable, cat.6, unshielded, red, 1m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

## 135/167





#03856

Net Price: 0.541 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 1.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 1m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 1.5 m, green, LSOH

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 1.5 m, yellow

Patch cable, cat.6, unshielded, yellow, 1.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

equency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, green, 1.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26

Outer diameter: 5,5 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Outer diameter: 5,5 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#07222

Net Price: 0.541 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 1.5 m, black

Patch cable, cat.6, unshielded, black, 1.5m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Patch cable UTP cat. 6, 1.5 m, grey

Patch cable, cat.6, unshielded, grey, 1.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 1.5 m, white

Patch cable, cat.6, unshielded, white, 1.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

#07223

Net Price: 0.622 USD Unit: pcs

### Patch cable UTP cat. 6, 1.0 m, white

Patch cable, cat.6, unshielded, white, 1.0m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07224

Net Price: 0.622 USD Unit: pcs



Cable

#07225

Net Price: 0.622 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

### #06076

Net Price: 0.622 USD Unit: pcs

### Patch cable UTP cat. 6, 1.5 m, blue

Patch cable, cat.6, unshielded, blue, 1.5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07226

Net Price: 0.622 USD Unit: pcs



Cable

### #07227

Net Price: 0.622 USD Unit: pcs



Cable

## #03857

Net Price: 0.622 USD Unit: pcs

# Patch cable UTP cat. 6, 1.5 m, red

Patch cable, cat.6, unshielded, red, 1.5m

Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Outer diameter: 5,5 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07228

Net Price: 0.695 USD Unit: pcs

# #07229

Net Price: 0.695 USD Unit: pcs



# #07230

Net Price: 0.695 USD Unit: pcs

### Patch cable UTP cat. 6, 2.0 m, black

Patch cable, cat.6, unshielded, black, 2m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 6, 2.0 m, blue

Patch cable, cat.6, unshielded, blue, 2m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector Multiple / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 6, 2.0 m, green

Patch cable, cat.6, unshielded, green, 2m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C



#02693

Net Price: 0.695 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 2.0 m, red

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 3.0 m, black, LSOH

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, unshielded, black, 3m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26

Patch cable UTP cat. 6, 3.0 m, grey

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

equency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, grey, 3m

Outer diameter: 5,5 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, red, 2m

Outer diameter: 5,5 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#07231

Net Price: 0.695 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 2.0 m, white

Patch cable, cat.6, unshielded, white, 2.0m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Patch cable UTP cat. 6, 3.0 m, blue

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Patch cable UTP cat. 6, 3.0 m, red

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, unshielded, red, 3m

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, unshielded, blue, 3m

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

#03858

Net Price: 0.695 USD Unit: pcs

### Patch cable UTP cat. 6, 2.0 m, grey

Patch cable, cat.6, unshielded, grey, 2m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07232

Net Price: 0.695 USD Unit: pcs



Cable

#07233

Net Price:



0.873 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

#07234

Net Price: 0.873 USD Unit: pcs

### Patch cable UTP cat. 6, 2.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 2m

Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07235

Net Price: 0.873 USD Unit: pcs



Cable

#02694

Net Price: 0.873 USD Unit: pcs



Cable

#07236

Net Price: 0.873 USD Unit: pcs

### Patch cable UTP cat. 6, 3.0 m, green

Patch cable, cat.6, unshielded, green, 3m

Cable Caule
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Outer diameter: 5,5 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#03859

Net Price: 0.873 USD Unit: pcs



#07237

Net Price: 0.873 USD Unit: pcs



#07238

Net Price: 1 19 USD Unit: pcs

### Patch cable UTP cat. 6, 3.0 m, white

Patch cable, cat.6, unshielded, white, 3.0m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable UTP cat. 6, 3.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 3m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 5.0 m, black Patch cable, cat.6, unshielded, black, 5m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26

Outer diameter: 5,5 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C



#07239

Net Price: 1.19 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 5.0 m, green, LSOH

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6, unshielded, green, 5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26

Patch cable UTP cat. 6, 5.0 m, white

Patch cable, cat.6, unshielded, white, 5.0m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Patch cable UTP cat. 6, 7.0 m, blue

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, blue, 7m

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Outer diameter: 5,5 mm, LSOH Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#07240

Net Price: .19 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 5.0 m, grey

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 5.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 7.0 m, green

Patch cable, cat.6, unshielded, green, 7m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, grey, 5m

### #02695

Net Price: 1.19 USD Unit: pcs

### Patch cable UTP cat. 6, 5.0 m, blue

Patch cable, cat.6, unshielded, blue, 5m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07241

Net Price: 1.19 USD Unit: pcs



Cable

#03860

Net Price: 1.19 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

### #07242

Net Price: 1.19 USD Unit: pcs

### Patch cable UTP cat. 6, 5.0 m, red

Patch cable, cat.6, unshielded, red, 5m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05174

Net Price: 1.54 USD Unit: pcs



Cable

## #05175

Net Price: 1 54 USD Unit: pcs



Cable

## #05176

Net Price: 1 54 USD Unit: pcs

### Patch cable UTP cat. 6, 7.0 m, black

Patch cable, cat.6, unshielded, black, 7m

Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Outer diameter: 5,5 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05177

Net Price: 1.54 USD Unit: pcs



### #05178

Net Price: 1 54 USD Unit: pcs



### #05179

Net Price: 1 54 USD Unit: pcs

### Patch cable UTP cat. 6, 7.0 m, grey

Patch cable, cat.6, unshielded, grey, 7m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 6, 7.0 m, red

Patch cable, cat.6, unshielded, red, 7m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable UTP cat. 6, 7.0 m, white

Patch cable, cat.6, unshielded, white, 7m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C



### #05180

Net Price: .54 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 10.0 m, black

Patch cable, cat.6, unshielded, black, 10m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 10.0 m, grey, LSOH

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 10.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 10m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

equency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, grey, 10m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26

Outer diameter: 5,5 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

### #05035

Net Price: 1.99 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 10.0 m, blue

Patch cable, cat.6, unshielded, blue, 10m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

Patch cable UTP cat. 6, 10.0 m, red

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 15.0 m, black

Patch cable, cat.6, unshielded, black, 15m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, unshielded, red, 10m

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

### #05036

Net Price: 1.99 USD Unit: pcs

## Patch cable UTP cat. 6, 7.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 7m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05037

Net Price: 1.99 USD Unit: pcs



Cable

### #05034

Net Price: 1.99 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

### #05038

Net Price: 1.99 USD Unit: pcs

## Patch cable UTP cat. 6, 10.0 m, green

Patch cable, cat.6, unshielded, green, 10m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## #05173

Net Price: 1 99 USD Unit: pcs



Cable



Cable

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

## #04431

Net Price: 2 80 USD Unit: pcs

### Patch cable UTP cat. 6, 10.0 m, white

Patch cable, cat.6, unshielded, white, 10m

Cable Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Outer diameter: 5,5 mm, PVC Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #04434

Net Price: 2 80 USD Unit: pcs





### #04435

Net Price: 2 80 USD Unit: pcs

# Patch cable UTP cat. 6, 15.0 m, blue

Patch cable, cat.6, unshielded, blue, 15m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable UTP cat. 6, 15.0 m, green

Patch cable, cat.6, unshielded, green, 15m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector Multiple / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable UTP cat. 6, 15.0 m, grey, LSOH

Patch cable, cat.6, unshielded, grey, 15m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + LSOH Core diameter / AWG: 26

Outer diameter: 5,5 mm, LSOH Connector

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C





#04433 Net Price: 2.80 USD Unit: pcs



Patch cable UTP cat. 6, 15.0 m, white

Patch cable, cat.6, unshielded, white, 15m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Patch cable UTP cat. 6, 20.0 m, blue

Patch cable, cat.6, unshielded, blue, 20m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Patch cable UTP cat. 6, 20.0 m, red

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

equency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, unshielded, red, 20m

Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Outer diameter: 5,5 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#04430 Net Price: 2.80 USD Unit: pcs



Cable

Patch cable UTP cat. 6, 15.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 15m

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable UTP cat. 6, 20.0 m, green

Patch cable, cat.6, unshielded, green, 20m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

Working temperature: 0°C - 60°C

Core diameter: 5,5 mm, PVC
Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Workiese Volume 100 C 6000

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable UTP cat. 6, 20.0 m, white

Patch cable, cat.6, unshielded, white, 20m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Outer diameter: 5,5 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

#04437 Net Price: 2.80 USD Unit: pcs

### Patch cable UTP cat. 6, 15.0 m, red

Patch cable, cat.6, unshielded, red, 15m

Cable

Cable
Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26
Outer diameter: 5,5 mm, PVC
Connector

RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04439 Net Price: 3.63 USD Unit: pcs



Cable

#04441 Net Price: 3.63 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

#04443 Net Price: 3.63 USD Unit: pcs

### Patch cable UTP cat. 6, 20.0 m, black

Patch cable, cat.6, unshielded, black, 20m

Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + PCV
Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC Connector
RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04442 Net Price: 3 63 USD Unit: pcs



Cable

#04440 Net Price: 3 63 USD Unit: pcs



Cable

#04438 Net Price: 3 63 USD Unit: pcs

# Patch cable UTP cat. 6, 20.0 m, grey, LSOH

Patch cable, cat.6, unshielded, grey, 20m

Cable Shielding type / cat: UTP cat 6
Cable construction: 4x2x7/0.15CCA + LSOH
Core diameter / AWG: 26 Outer diameter: 5,5 mm, LSOH

Outer diameter: 5,5 mm, LSOH Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04444 Net Price: 3 63 USD Unit: pcs



#03169 Net Price: 0.446 USD Unit: pcs



#03170 Net Price: 0.446 USD Unit: pcs

### Patch cable UTP cat. 6, 20.0 m, yellow

Patch cable, cat.6, unshielded, yellow, 20m

Shielding type / cat: UTP cat 6 Cable construction: 4x2x7/0.15CCA + PCV Core diameter / AWG: 26 Outer diameter: 5,5 mm, PVC

Connector RJ45 plug / molded: 8p8c unshielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable FTP cat. 5e, 0.5 m, black, LSOH

Patch cable, cat.5e, shielded, black, 0.5m

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable FTP cat. 5e, 0.5 m, blue

Patch cable, cat.5e, shielded, blue, 0.5m

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000



#03171 Net Price: 0.446 USD Unit: pcs



#03794 Net Price: 0.446 USD Unit: pcs



#03172 Net Price: 0.446 USD Unit: pcs

## Patch cable FTP cat. 5e, 0.5 m, green

Patch cable, cat.5e, shielded, green, 0.5m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 5e, 0.5 m, grey, LSOH

Patch cable, cat.5e, shielded, grey, 0.5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH
Core diameter / AWG: 26

Outer diameter : 5,0 mm, LSOH Connector

Solinettol Music Sp8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable FTP cat. 5e, 0.5 m, red

Patch cable, cat.5e, shielded, red, 0.5m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05193

Net Price: 0.446 USD Unit: pcs



### #03173

Net Price: 0.520 USD Unit: pcs



#03174

### Patch cable FTP cat. 5e, 0.5 m, yellow, LSOH

Patch cable, cat.5e, shielded, vellow, 0.5m

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 42x7/0.15CCA + foil AL+ LSOH

Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 5e, 1.0 m, black

Patch cable, cat.5e, shielded, black, 1m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Collinector Molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Net Price: 0.520 USD Unit: pcs

### Patch cable FTP cat. 5e, 1.0 m, blue

Patch cable, cat.5e, shielded, blue, 1m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #03175

Net Price: 0.520 USD Unit: pcs



### #03785

Net Price: 0.520 USD Unit: pcs



### #03176

Net Price: 0.520 USD Unit: pcs

# Patch cable FTP cat. 5e, 1.0 m, green

Patch cable, cat.5e, shielded, green, 1m

Cable Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable FTP cat. 5e, 1.0 m, grey

Patch cable, cat.5e, shielded, grey, 1m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 100 MHz

Working temperature: 0°C - 60°C RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5. TIA/EIA 568B

# Patch cable FTP cat. 5e, 1.0 m, red, LSOH

Patch cable, cat.5e, shielded, red, 1m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH
Core diameter / AWG: 26
Outer diameter : 5,0 mm, LSOH

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000



#05194 Net Price: 0.520 USD Unit: pcs



#05016 Net Price: 0.610 USD Unit: pcs



#05014 Net Price: 0.610 USD Unit: pcs

## Patch cable FTP cat. 5e, 1.0 m, yellow

Patch cable, cat.5e, shielded, yellow, 1m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable FTP cat. 5e, 1.5 m, black

Patch cable, cat.5e, shielded, black, 1.5m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable FTP cat. 5e, 1.5 m, blue, LSOH

Patch cable, cat.5e, shielded, blue, 1.5m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH
Core diameter / AWG: 26
Outer diameter : 5,0 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05017

Net Price: 0.610 USD Unit: pcs



#05013

Net Price: 0.610 USD Unit: pcs



#05015

Net Price:

### Patch cable FTP cat. 5e, 1.5 m, green

Patch cable, cat.5e, shielded, green, 1.5m

Cable Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 5e, 1.5 m, grey

Patch cable, cat.5e, shielded, grev, 1.5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Collinector Molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

0.610 USD Unit: pcs

### Patch cable FTP cat. 5e, 1.5 m, red, LSOH

Patch cable, cat.5e, shielded, red, 1.5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH

Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05195

Net Price: 0.610 USD Unit: pcs



### #03177

Net Price: 0.693 USD Unit: pcs



### #03178

Net Price: 0.693 USD Unit: pcs

# Patch cable FTP cat. 5e, 1.5 m, yellow LSOH

Patch cable, cat.5e, shielded, yellow, 1.5m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable FTP cat. 5e, 2.0 m, black, LSOH

Patch cable, cat.5e, shielded, black, 2m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Frequency: 100 MHz

RoHS 2011/65/EU:EN IEC 63000

IEC-60603-7-5. TIA/EIA 568B

Working temperature: 0°C - 60°C

Patch cable FTP cat. 5e, 2.0 m, blue Patch cable, cat.5e, shielded, blue, 2m Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000





#03179 Net Price: 0.693 USD Unit: pcs



#03786 Net Price: 0.693 USD Unit: pcs



#03267 Net Price: 0.693 USD Unit: pcs

## Patch cable FTP cat. 5e, 2.0 m, green

Patch cable, cat.5e, shielded, green, 2m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable FTP cat. 5e, 2.0 m, grey

Patch cable, cat.5e, shielded, grey, 2m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC Connector

Solinettol Music Sp8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 5e, 2.0 m, red

Patch cable, cat.5e, shielded, red, 2m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05196

Net Price: 0.693 USD Unit: pcs



### #03181

Net Price: 0.863 USD Unit: pcs



#03182

Net Price: 0.863 USD Unit: pcs

### Patch cable FTP cat. 5e, 2.0 m, yellow LSOH

Patch cable, cat.5e, shielded, vellow, 2m

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 42x7/0.15CCA + foil AL+ LSOH

Core diameter / AWG: 26 Outer diameter : 5,0 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 5e, 3.0 m, black

Patch cable, cat.5e, shielded, black, 3m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Collinector Molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 5e, 3.0 m, blue Patch cable, cat.5e, shielded, blue, 3m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #03183

Net Price: 0.863 USD Unit: pcs



# #03787

Net Price: 0.863 USD Unit: pcs



### #03184

Net Price: 0.863 USD Unit: pcs

# Patch cable FTP cat. 5e, 3.0 m, green

Patch cable, cat.5e, shielded, green, 3m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

IEC-60603-7-5, TIA/EIA 568B

## Patch cable FTP cat. 5e, 3.0 m, grey

Patch cable, cat.5e, shielded, grey, 3m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 100 MHz Working temperature: 0°C - 60°C

IEC-60603-7-5. TIA/EIA 568B

RoHS 2011/65/EU:EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

# Patch cable FTP cat. 5e, 3.0 m, red

Patch cable, cat.5e, shielded, red, 3m

Cable Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000





#05197 Net Price: 0.863 USD Unit: pcs

#03185 Net Price: 1.23 USD Unit: pcs



#03186 Net Price: 1.23 USD Unit: pcs

### Patch cable FTP cat. 5e, 3.0 m, yellow

Patch cable, cat.5e, shielded, yellow, 3m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26
Outer diameter : 5,0 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Cable

Patch cable FTP cat. 5e, 5.0 m, black

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV Core diameter / AWG: 26

Patch cable, cat.5e, shielded, black, 5m

Outer diameter : 5,0 mm, PVC Connector

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable FTP cat. 5e, 5.0 m, blue, LSOH

Patch cable, cat.5e, shielded, blue, 5m

Cable

Cable
Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ LSOH
Core diameter / AWG: 26
Outer diameter : 5,0 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#03187

Net Price: 1.23 USD Unit: pcs



#03788

Net Price: 1.23 USD Unit: pcs



#03188

### Patch cable FTP cat. 5e, 5.0 m, green

Patch cable, cat.5e, shielded, green, 5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable FTP cat. 5e, 5.0 m, grey

Patch cable, cat.5e, shielded, grev, 5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

Connector

Collinector Molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 0.25 m, black LSOH

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH Core diameter / AWG: 26

Patch cable, cat.6, shielded, black, 0.25m



Net Price: 1.23 USD Unit: pcs

# Patch cable FTP cat. 5e, 5.0 m, red

Patch cable, cat.5e, shielded, red, 5m

Cable

Shielding type / cat: FTP cat 5e
Cable construction: 4x2x7/0.15CCA + foil AL+ PCV

Core diameter / AWG: 26 Outer diameter : 5,0 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05198

Net Price: 1.23 USD Unit: pcs

Shielding type / cat: FTP cat 6

Outer diameter : 5,8 mm, LSOH

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

#04461

Net Price: 0.517 USD

#04464

Net Price: 0.517 USD Unit: pcs

# Patch cable FTP cat. 5e, 5.0 m, yellow

Patch cable, cat.5e, shielded, yellow, 5m

Cable

Shielding type / cat: FTP cat 5e Cable construction: 4x2x7/0.15CCA + foil AL+ PCV
Core diameter / AWG: 26

Outer diameter : 5,0 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 100 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU:EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Cable

Connector

Unit: pcs

## Patch cable FTP cat. 6, 0.25 m, blue LSOH

Patch cable, cat.6, shielded, blue, 0.25m

Cable

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH Core diameter / AWG: 26 Outer diameter : 5,8 mm, LSOH

Connector

RJJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04462

Net Price: 0.517 USD Unit: pcs

#04458

Net Price: 0.517 USD Unit: pcs



#04460

Net Price: 0.517 USD Unit: pcs

# Patch cable FTP cat. 6, 0.25 m, green LSOH

Patch cable, cat.6, shielded, green, 0.25m

Connector

Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH Core diameter / AWG: 26

Outer diameter : 5,8 mm, LSOH

RJ45 plug / molded: 8p8c shielded, gold plated pins impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/FU: FN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B Patch cable FTP cat. 6, 0.25 m, grey LSOH

Patch cable, cat.6, shielded, grey, 0.25m

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Outer diameter : 5,8 mm, LSOH Connector

Collinettol Multiple / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/FU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable FTP cat. 6, 0.25 m, red LSOH

Patch cable, cat.6, shielded, red, 0.25m

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Outer diameter : 5,8 mm, LSOH

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C









#04459

Net Price: 0.517 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 0.25 m, yellow LSOH

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 0.5 m, green

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 0.5 m, white

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, white, 0.5m

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, green, 0.5m

Outer diameter : 5,8 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Patch cable, cat.6, shielded, yellow, 0.25m

Outer diameter : 5,8 mm, LSOH Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#04463

Net Price: 0.517 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 0.5 m, black

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6, shielded, black, 0.5m

#07353

Net Price: 0.554 USD Unit: pcs

#05615

Net Price:

0.554 USD Unit: pcs

### Patch cable FTP cat. 6, 0.25 m, whiteLSOH

Patch cable, cat.6, shielded, white, 0.25m

Cable

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26
Outer diameter : 5,8 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Patch cable FTP cat. 6, 0.5 m, blue

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, blue, 0.5m

Outer diameter: 5,8 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

IEC-60603-7-5, TIA/EIA 568B



#07354

Net Price: 0.554 USD Unit: pcs



Cable

#07355

Net Price:



0.554 USD Unit: pcs



Patch cable, cat.6, shielded, grey, 0.5m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

IEC-60603-7-5, TIA/EIA 568B

Outer diameter : 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

## #07356

Net Price: 0.554 USD Unit: pcs



Cable

## #05103 Net Price:

0.554 USD Unit: pcs

Cable

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable FTP cat. 6, 0.5 m, yellow

Cable Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, yellow, 0.5m

## #07357 Net Price:

0.554 USD Unit: pcs

## Patch cable FTP cat. 6, 0.5 m, red

Patch cable, cat.6, shielded, red, 0.5m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Outer diameter: 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## #07358

Net Price: 0.629 USD Unit: pcs



Net Price: Unit: pcs

## #07359

0.629 USD



### #07360

Net Price: 0.629 USD Unit: pcs

### Patch cable FTP cat. 6, 1.0 m, black

Patch cable, cat.6, shielded, black, 1m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable FTP cat. 6, 1.0 m, blue

Patch cable, cat.6, shielded, blue, 1m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable FTP cat. 6, 1.0 m, green

### Patch cable, cat.6, shielded, green, 1m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C





#05616 Net Price: 0.629 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 1.0 m, red

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Sufficiency (Sp8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 1.5 m, black

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, black, 1.5m

Outer diameter: 5,8 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, red, 1m

Outer diameter : 5,8 mm, PVC Connector

IEC-60603-7-5, TIA/EIA 568B

#07361 Net Price: 0.629 USD Unit: pcs



Cable

Patch cable, cat.6, shielded, white, 1.0m

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

#05104 Net Price: 0.629 USD Unit: pcs

Patch cable FTP cat. 6, 1.0 m, grey

Patch cable, cat.6, shielded, grey, 1m

Cable

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07362 Net Price: 0.629 USD Unit: pcs

Cable

#07363 Net Price: 0.739 USD Unit: pcs

#05617

IEC-60603-7-5, TIA/EIA 568B

#07364 Net Price: 0.739 USD Unit: pcs

Patch cable FTP cat. 6, 1.0 m, yellow

Patch cable, cat.6, shielded, yellow, 1m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26 Outer diameter: 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 1.5 m, green

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter: 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, green, 1.5m

Outer diameter : 5,8 mm, PVC



Cable

#07365 Net Price: 0.739 USD Unit: pcs

#05105

Net Price:

Unit: pcs

0.739 USD



Net Price: 0.739 USD Unit: pcs

Patch cable FTP cat. 6, 1.5 m, grey

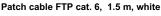
Patch cable, cat.6, shielded, grey, 1.5m

Cable Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26 Outer diameter : 5,8 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable, cat.6, shielded, white, 1.5m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07367 Net Price: 0.739 USD Unit: pcs

Patch cable FTP cat. 6, 1.5 m, yellow

Patch cable, cat.6, shielded, yellow, 1.5m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Cable

Patch cable FTP cat. 6, 1.5 m, blue, LSOH

Patch cable, cat.6, shielded, blue, 1.5m

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Outer diameter : 5,8 mm, LSOH Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

#07366 Net Price: 0.739 USD Unit: pcs

Patch cable FTP cat. 6, 1.5 m, red

Patch cable, cat.6, shielded, red, 1.5m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07368 Net Price: 0.859 USD Unit: pcs

Patch cable FTP cat. 6, 2.0 m, black

Patch cable, cat.6, shielded, black, 2m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C





#07369 Net Price: 0.859 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 2.0 m, green

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Sufficiency (Sp8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 2.0 m, white, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 3.0 m, blue

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, blue, 3m

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Patch cable, cat.6, shielded, white, 2m

Outer diameter: 5,8 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, green, 2m

Outer diameter : 5,8 mm, PVC Connector

IEC-60603-7-5, TIA/EIA 568B

#07370 Net Price: 0.859 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 2.0 m, grey

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 2.0 m, yellow

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 3.0 m, green

Cable Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, green, 3m

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, yellow, 2m

Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, grey, 2m

#05618 Net Price: 0.859 USD Unit: pcs

# Patch cable FTP cat. 6, 2.0 m, blue, LSOH

Patch cable, cat.6, shielded, blue, 2m

Cable

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26
Outer diameter : 5,8 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07371 Net Price: 0.859 USD Unit: pcs



Cable

Net Price: 0.859 USD Unit: pcs

#05113



Cable

IEC-60603-7-5, TIA/EIA 568B

#07372 Net Price: 0.859 USD Unit: pcs

### Patch cable FTP cat. 6, 2.0 m, red

Patch cable, cat.6, shielded, red, 2m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26 Outer diameter: 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#07373 Net Price: 1.05 USD Unit: pcs



Cable

#07374 Net Price: 1 05 USD Unit: pcs



Cable

#07375 Net Price: 1.05 USD Unit: pcs

## Patch cable FTP cat. 6, 3.0 m, black

Patch cable, cat.6, shielded, black, 3m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Outer diameter: 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05619 Net Price:

1.05 USD Unit: pcs



#07376 Net Price: 1 05 USD Unit: pcs



#05114 Net Price: 1.05 USD

Unit: pcs

### Patch cable FTP cat. 6, 3.0 m, grey

Patch cable, cat.6, shielded, grey, 3m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 6, 3.0 m, red

Patch cable, cat.6, shielded, red, 3m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable FTP cat. 6, 3.0 m, white

Patch cable, cat.6, shielded, white, 3m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C



#07377 Net Price: 1.05 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 5.0 m, black

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Sufficiency (Sp8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 5.0 m, grey

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 5.0 m, yellow

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, yellow, 5m

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, grey, 5m

Outer diameter : 5,8 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, black, 5m

Outer diameter : 5,8 mm, PVC Connector

IEC-60603-7-5, TIA/EIA 568B

#07378 Net Price: 1.50 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 5.0 m, blue

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6, shielded, blue, 5m

#07379 Net Price: 1.50 USD Unit: pcs

# Patch cable FTP cat. 6, 3.0 m, yellow

Patch cable, cat.6, shielded, yellow, 3m

Cable

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Net Price: I.50 USD Unit: pcs

#07380

Cable

#05620 Net Price: 1.50 USD Unit: pcs



Cable

IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 5.0 m, red

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Core diameter : 5,8 mm, PVC
Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Worlding of the core of the core

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 7.0 m, black

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, black, 7m

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz
Working temperature: 0°C - 60°C

Patch cable, cat.6, shielded, red, 5m

Working temperature: 0°C - 60°C

#07381 Net Price: 1.50 USD Unit: pcs

# Patch cable FTP cat. 6, 5.0 m, green

Patch cable, cat.6, shielded, green, 5m

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26 Outer diameter: 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05115 Net Price: 1.50 USD Unit: pcs



Cable

#07382 Net Price: 1.50 USD Unit: pcs



Cable

#05117 Net Price: 1.92 USD Unit: pcs

## Patch cable FTP cat. 6, 5.0 m, white

Patch cable, cat.6, shielded, white, 5m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Outer diameter: 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05118 Net Price: 1.92 USD Unit: pcs



#05119 Net Price: 1 92 USD Unit: pcs



#05116 Net Price: 1.92 USD Unit: pcs

### Patch cable FTP cat. 6, 7.0 m, blue

Patch cable, cat.6, shielded, blue, 7m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable FTP cat. 6, 7.0 m, green

Patch cable, cat.6, shielded, green, 7m

Shielding type / cat: FTP cat 6 Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 250 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable FTP cat. 6, 7.0 m, grey

Patch cable, cat.6, shielded, grey, 7m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C



#05120

Net Price: 1.92 USD Unit: pcs



Cable

Patch cable, cat.6, shielded, white, 7m

Outer diameter : 5,8 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 10.0 m, blue, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + LSOH
Core diameter / AWG: 26

Patch cable, cat.6, shielded, blue, 10m

Outer diameter: 5,8 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

#05121

Net Price: 1.92 USD Unit: pcs



Cable

Patch cable FTP cat. 6, 7.0 m, yellow

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6, shielded, yellow, 7m

### #05122

Net Price: 1.92 USD Unit: pcs

#05109

Net Price: 2.54 USD

Unit: pcs

### Patch cable FTP cat. 6, 7.0 m, red

Patch cable, cat.6, shielded, red, 7m

Cable

Cable
Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26
Outer diameter : 5,8 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable FTP cat. 6, 10.0 m, black

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6, shielded, black, 10m

Outer diameter: 5,8 mm, PVC

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B



#05107

Net Price: 2.54 USD Unit: pcs



Cable

#05108

Net Price:



2.54 USD Unit: pcs



Patch cable, cat.6, shielded, green, 10m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

IEC-60603-7-5, TIA/EIA 568B

Outer diameter : 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable FTP cat. 6, 10.0 m, white

Patch cable, cat.6, shielded, white, 10m

#05106

Net Price: 2 54 USD Unit: pcs



#05110

Net Price: 2 54 USD Unit: pcs



## #05111

Net Price: 2 54 USD Unit: pcs

## Patch cable FTP cat. 6, 10.0 m, grey

Patch cable, cat.6, shielded, grey, 10m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Outer diameter: 5,8 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable FTP cat. 6, 10.0 m, red

Patch cable, cat.6, shielded, red, 10m

Cable

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

equency: 250 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Cable

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Shielding type / cat: FTP cat 6
Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Outer diameter : 5,8 mm, PVC

Frequency: 250 MHz
Working temperature: 0°C - 60°C



# #05112

Net Price: 2 54 USD Unit: pcs



Net Price: 0.832 USD Unit: pcs

#04467



# #04469

Net Price: 0.832 USD Unit: pcs

### Patch cable FTP cat. 6, 10 m, yellow

Patch cable, cat.6, shielded, yellow, 10.0m

Shielding type / cat: FTP cat 6

Cable construction: 4x2x7/0.15CCA + foil AL + braid + PCV Core diameter / AWG: 26

Outer diameter : 5,8 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 250 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

### Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, black

Patch cable, cat.6A, shielded, black, 0.25m

Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 500 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, blue

Patch cable, cat.6A, shielded, blue, 0.25m

Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C





#04470

Net Price: 0.832 USD Unit: pcs



Cable

Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, grey

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, yellow

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6A, shielded, yellow, 0.25m

Outer diameter: 4,1 mm, LSOH

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Patch cable, cat.6A, shielded, grey, 0.25m

Outer diameter: 4,1 mm, LSOH Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

#04465

Net Price: 0.832 USD Unit: pcs



Cable

### #04468

Net Price: 0.832 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, green

Patch cable, cat.6A, shielded, green, 0.25m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26
Outer diameter: 4,1 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #04466

Net Price: 0.832 USD Unit: pcs



Cable

### #04471

Net Price: 0.832 USD Unit: pcs



### #05041

Net Price:

### Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, white

Patch cable, cat.6A, shielded, white, 0.25m

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 0.5 m, blue,

Shielding type / cat: S/FTP cat 6A Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6A, shielded, blue, 0.5m

Core diameter / AWG: 26 Outer diameter: 4,1 mm, LSOH

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000



LSOH

Connector

# #05042

Net Price: 0.971 USD Unit: pcs



### #05043

Net Price: 0.971 USD Unit: pcs



# Patch cable S/FTP (PiMF) cat. 6A, 0.5 m, green

Patch cable, cat.6A, shielded, green, 0.5m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05044

Net Price: 0.971 USD Unit: pcs



Patch cable, cat.6A, shielded, red, 0.5m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# #05186

Net Price: 0.971 USD Unit: pcs



## Patch cable, cat.6A, shielded, white, 0.5m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



IEC-60603-7-5, TIA/EIA 568B

0.971 USD Unit: pcs

## Patch cable S/FTP (PiMF) cat. 6A, 0.5 m, black

Patch cable S/FTP (PiMF) cat. 6A, 0.25 m, red

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26
Outer diameter: 4,1 mm, LSOH
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6A, shielded, red, 0.25m

Patch cable, cat.6A, shielded, black, 0.5m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Core diameter: 4,1 mm, PVC
Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05040

Net Price: 0.971 USD Unit: pcs

## Patch cable S/FTP (PiMF) cat. 6A, 0.5 m, grey

Patch cable, cat.6A, shielded, grey, 0.5m

Cable

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# #05045

Net Price: 0.971 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 0.5 m, yellow

Patch cable, cat.6A, shielded, yellow, 0.5m

Cable

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C





#05047 Net Price: 1.25 USD Unit: pcs



#05048 Net Price: .25 USD Unit: pcs



#05049 Net Price: 1.25 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, black, LSOH

Patch cable, cat.6A, shielded, black, 1m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26
Outer diameter: 4,1 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable, cat.6A, shielded, blue, 1m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, green

Patch cable, cat.6A, shielded, green, 1m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05046

Net Price: 1.25 USD Unit: pcs



Net Price: 1.25 USD Unit: pcs



#05185

Net Price: 1.25 USD Unit: pcs

## Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, grey

Patch cable, cat.6A, shielded, grey, 1m

Cable Shielding type / cat: S/FTP\_cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, red Patch cable, cat.6A, shielded, red, 1m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, white

Patch cable, cat.6A, shielded, white, 1m

Cable Shielding type / cat: S/FTP\_cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05051

Net Price: 1.25 USD Unit: pcs

#05053 Net Price:

1.52 USD Unit: pcs

#05054 Net Price: 1.52 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 1.0 m, yellow

Patch cable, cat.6A, shielded, vellow, 1m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, black

Patch cable, cat.6A, shielded, black, 1.5m

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, blue, LSOH

Patch cable, cat.6A, shielded, blue, 1.5m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Outer diameter. 4, r min, 2000. Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#05055

Net Price: 1.52 USD Unit: pcs



#05056

Net Price: 1.52 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, green

Patch cable, cat.6A, shielded, green, 1.5m

Cable Shielding type / cat: S/FTP\_cat 6A

Gable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Outer diameter: 4, 1 min, r v C Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, grey, LSOH

Patch cable, cat.6A, shielded, grey, 1.5m

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + braid + LSOH

Core diameter / AWG: 26 Outer diameter: 4,1 mm, LSOH

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, red, LSOH

Patch cable, cat.6A, shielded, red, 1.5m

Cable

Connector

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH

Core diameter / AWG: 26 Outer diameter: 4,1 mm, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 500 MHz
Working temperature: 0°C - 60°C





#05184 Net Price: .52 USD Unit: pcs

#05057 Net Price: .52 USD Unit: pcs



#05059 Net Price: 1.78 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, white,

Patch cable, cat.6A, shielded, white, 1.5m

Caule
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26
Outer diameter: 4,1 mm, LSOH
Connection

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable S/FTP (PiMF) cat. 6A, 1.5 m, yellow

Patch cable, cat.6A, shielded, yellow, 1.5m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, black

Patch cable, cat.6A, shielded, black, 2m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05060

Net Price: 1.78 USD Unit: pcs



#05061

Net Price: 1.78 USD Unit: pcs

### #05058

Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, blue

Patch cable, cat.6A, shielded, blue, 2m

Cable Shielding type / cat: S/FTP\_cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, green

Patch cable, cat.6A, shielded, green, 2m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Net Price: 1.78 USD

# Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, grey

Patch cable, cat.6A, shielded, grey, 2m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + braid + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05062

Net Price: 1.78 USD Unit: pcs



### #05183

Net Price: 1.78 USD Unit: pcs

Net Price: 1.78 USD Unit: pcs

#05063

# Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, red

Patch cable, cat.6A, shielded, red, 2m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, white, LSOH

Patch cable, cat.6A, shielded, white, 2m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# Patch cable S/FTP (PiMF) cat. 6A, 2.0 m, yellow

Patch cable, cat.6A, shielded, yellow, 2m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



## #05065

Net Price: 2.32 USD Unit: pcs

## #05066

Net Price: 2.32 USD Unit: pcs



## #05067

Net Price: 2.32 USD Unit: pcs

Patch cable S/FTP (PiMF) cat. 6A, 3.0 m, black

Patch cable, cat.6A, shielded, black, 3m

Cable Shielding type / cat: S/FTP\_cat 6A

Gable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC Connector RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# Patch cable S/FTP (PiMF) cat. 6A, 3.0 m, blue

Patch cable, cat.6A, shielded, blue, 3m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# Patch cable S/FTP (PiMF) cat. 6A, 3.0 m, green

Patch cable, cat.6A, shielded, green, 3m

Cable

Shielding type / cat: S/FTP cat 6A Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C



#05064

Net Price: 2.32 USD Unit: pcs



#05068

Net Price: 2.32 USD Unit: pcs



#05182

Net Price: 2.32 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 3.0 m, grey

Patch cable, cat.6A, shielded, grey, 3m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / A/WG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable, cat.6A, shielded, red, 3m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, $\,$ 3.0 m, white, LSOH

Patch cable, cat.6A, shielded, white, 3m

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH
Core diameter / AWG: 26

Outer diameter: 4,1 mm, LSOH

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm

Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05069

Net Price: 2.32 USD Unit: pcs



### #05071

Net Price: 3.41 USD Unit: pcs



### #05072

Net Price: 3.41 USD Unit: pcs

#05074

Net Price:

3.41 USD

Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 3.0 m, yellow

Patch cable, cat.6A, shielded, yellow, 3m

Cable Shielding type / cat: S/FTP\_cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, green

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6A, shielded, green, 5m

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000

## Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, black

Patch cable, cat.6A, shielded, black, 5m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, grey

Shielding type / cat: S/FTP cat 6A Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6A, shielded, grey, 5m

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

RoHS 2011/65/EU: EN IEC 63000

Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, blue

Patch cable, cat.6A, shielded, blue, 5m

Cable Shielding type / cat: S/FTP\_cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Cable

Connector

# #05073

Net Price: 3.41 USD Unit: pcs



# #05070

Net Price: 3.41 USD Unit: pcs



Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, red Patch cable, cat.6A, shielded, red, 5m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### #05181

Net Price: 3.41 USD Unit: pcs

### Net Price: 3.41 USD Unit: pcs

#05075



# #04401

Net Price: 4.56 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, white

Patch cable, cat.6A, shielded, white, 5m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Connector

# Patch cable S/FTP (PiMF) cat. 6A, 5.0 m, yellow

Patch cable, cat.6A, shielded, yellow, 5m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

# Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, black

Patch cable, cat.6A, shielded, black, 7m

Cable

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C







#04403 Net Price: .56 USD Unit: pcs



Cable

#04405 Net Price: 4.56 USD Unit: pcs



Cable

Patch cable, cat.6A, shielded, grey, 7m

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

#04404 Net Price: 4.56 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, blue

Patch cable, cat.6A, shielded, blue, 7m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / A/WG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Net Price: 4.56 USD Unit: pcs

#04402

Net Price: 1.56 USD Unit: pcs

#04400

IEC-60603-7-5, TIA/EIA 568B

#04406 Net Price: 4.56 USD Unit: pcs

## Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, red

Patch cable, cat.6A, shielded, red, 7m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins

Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, white,

Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, green

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

Patch cable, cat.6A, shielded, green, 7m

Outer diameter: 4,1 mm, PVC Connector

Working temperature: 0°C - 60°C

IEC-60603-7-5, TIA/EIA 568B

Patch cable, cat.6A, shielded, white, 7m

Cable Shielding type / cat: S/FTP cat 6A

Cable construction: 4x2x7/0.15Cu + foil AL + oplot + LSOH Core diameter / AWG: 26 Outer diameter: 4,1 mm, LSOH

Connector

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B

Patch cable S/FTP (PiMF) cat. 6A, 7.0 m, yellow

Patch cable, cat.6A, shielded, yellow, 7m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Core diameter: 4,1 mm, PVC
Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04408 Net Price:

6.39 USD Unit: pcs



#04411 Net Price:

6.39 USD Unit: pcs



#04413 Net Price: 6.39 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, black

Patch cable, cat.6A, shielded, black, 10m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26
Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



### Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, blue

Patch cable, cat.6A, shielded, blue, 10m

Shielding type / cat: S/FTP cat 6A Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, green

Patch cable, cat.6A, shielded, green, 10m

Cable

Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV

Core diameter / AWG: 26 Outer diameter: 4,1 mm, PVC

Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# #04412

Net Price: 6.39 USD Unit: pcs



#04409

Net Price: 6.39 USD Unit: pcs



#04407

Net Price: 6.39 USD Unit: pcs

# Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, grey

Patch cable, cat.6A, shielded, grey, 10m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, red

Patch cable, cat.6A, shielded, red, 10m

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector
RJ45 plug / molded: 8p8c shielded, gold plated pins
Impedance 100 Mhz: 100 +/- 5 Ohm
Frequency: 500 MHz
Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



# Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, white

Patch cable, cat.6A, shielded, white, 10m

Cable

Cable Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / AWG: 26

Outer diameter: 4,1 mm, PVC

Connector RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C RoHS 2011/65/EU: EN IEC 63000

Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1, IEC-60603-7-5, TIA/EIA 568B



#04414

Net Price: 6.39 USD Unit: pcs

### Patch cable S/FTP (PiMF) cat. 6A, 10.0 m, yellow

Patch cable, cat.6A, shielded, yellow, 10m

Cable

Cable
Shielding type / cat: S/FTP cat 6A
Cable construction: 4x2x7/0.15Cu + foil AL + oplot + PCV
Core diameter / A/WG: 26
Outer diameter: 4,1 mm, PVC
Connector

RJ45 plug / molded: 8p8c shielded, gold plated pins Impedance 100 Mhz: 100 +/- 5 Ohm Frequency: 500 MHz

Working temperature: 0°C - 60°C

RoHS 2011/65/EU: EN IEC 63000 Standards: EN 50173-1, ISO/IEC 11801, IEC60332-1,

IEC-60603-7-5, TIA/EIA 568B

### Connection boxes



#00451

Net Price: 1.25 USD Unit: pcs



#00450

Net Price: 1.16 USD Unit: pcs

#00449

Net Price:

2.00 USD



#04791

Net Price: 0.988 USD

Surface-mount box, cat. 5e, 1x RJ-45, STP

Dual block - IDE 110 and Krone type connectors



Surface-mount box, cat. 5e, 1x RJ-45, UTP

Krone type



Unit: pcs

Surface-mount box, cat. 5e, 1x RJ-45, UTP, clipped, WT-2012

Krone type



#05692

Net Price: 5.05 USD Unit: pcs



Unit: pcs

Surface-mount box, cat. 5e, 2x RJ-45, STP

#00448

Net Price: 2.13 USD Unit: pcs

Surface-mount box, cat. 5e, 2x RJ-45, angled, STP

Krone type



Dual block - IDC 110 and Krone type connectors

Surface-mount box, cat. 5e, 2x RJ-45, UTP

Connectors type: Krone Dimensions: 65x65x30 mm



#01487

Net Price: 2.00 USD Unit: pcs



#04792

Net Price: 1.71 USD Unit: pcs



#07459

Net Price: 1.30 USD Unit: pcs

Surface-mount box, cat. 5e, 2x RJ-45, UTP,

Krone type connectors



Surface-mount box, cat. 5e, 2x RJ-45, UTP, clipped, WT-2015

Connectors type: Krone Dimensions: 60x62x26 mm

Surface-mount box, cat. 6, 1x RJ-45, STP, clipped Krone type



#07457

Net Price: 1.03 USD Unit: pcs



#07458

Net Price: 2 13 USD Unit: pcs



#07446

Net Price: 1.82 USD Unit: pcs

Surface-mount box, cat. 6, 1x RJ-45, UTP,

Krone type

Net Price: 1.51 USD



Surface-mount box, cat. 6, 2x RJ-45, STP, clipped

Connectors type: Krone Dimensions: 60x62x26 mm



Surface-mount box, cat. 6, 2x RJ-45, UTP,

Connectors type: Krone Dimensions: 60x62x26 mm

NEW

Unit: pcs

#03761

Net Price: 2.44 USD Unit: pcs



#04939

Net Price: 0.439 USD Unit: pcs

Surface-mount box, cat. 6a, 1x RJ-45, STP, clipped

Krone type

#03762

Surface-mount box, cat. 6a, 2x RJ-45, STP, clipped

Krone type

Surface-mount box, keystone 1x

Surface-mounted box designed for installation with a keystone module.





#04940 Net Price: 0.439 USD Unit: pcs



#07448 Net Price: 1.20 USD Unit: pcs



descriptive labels.

Dimensions: 160x80x50mm

#07797 Net Price: 2.09 USD Unit: pcs

Surface-mount box, keystone 2x

Surface-mounted box designed for installation with keystone modules

### Surface-mount box, keystone 2x, with latches

Surface-mounted box designed for installation with keystone modules. Equipped with two inserts with latches and descriptive labels.

Dimensions: 80x80x50mm Colour: White

#06156

Net Price: 2.80 USD Unit: pcs



Surface-mount box, keystone 4x

Surface-mounted box designed for installation with keystone

modules. Equipped with four inserts with latches and

#08324

Net Price: 1.71 USD Unit: pcs

Wall plate mount box, cat. 5e, 2x RJ-45, STP

Krone type connectors

Wall plate mount box, cat. 5e, 2x RJ-45, UTP

Dimensions: 80x80 Color: white Connectors: Krone type Wall plate mount box, cat. 5e, 2x RJ-45, UTP

Dimensions: 80x80 Color: white Connectors: Krone type

#07160 Net Price: 1.22 USD Unit: pcs

#06022

Net Price:

2.20 USD

Unit: pcs

#07817 Net Price: 6.06 USD Unit: pcs

#05640

Net Price: 1.62 USD Unit: pcs

Wall plate mount box, cat. 6A, 1x RJ-45, FTP

Cat.6A STP waterproof connector adaptor IP68

Surface-mount connection box, cat, 5e, STP.

Surface-mount connection box, cat.6, UTP,

Krone type connectors

clipped, Krone type



#05639

Net Price: 1.36 USD Unit: pcs

#04920

Net Price:

0.585 USD Unit: pcs



#05642 Net Price: 1.89 USD Unit: pcs

#05641

Net Price: 1.51 USD Unit: pcs

Surface-mount connection box, cat. 5e, UTP, clipped, dual block

Krone type connectors



Surface-mount connection box, cat. 6, STP, clipped, Krone type

#03836 Net Price: 2.88 USD

Unit: pcs

NEW

#03898

Net Price: Unit: pcs



The coupler allows for connection of two wires terminated with 8p8c plugs while maintaining network parameters in accordance with the requirements of cat.5e.

Cat.6A STP connector adaptor

Cat.6A STP connector adaptor, screw fixed type

Length: 73mm Input diameter: 8.4mm



#06492

Net Price: 1.30 USD Unit: pcs



Net Price: 0.702 USD Unit: pcs

#08317

#03817

Net Price: 2.04 USD

Inline coupler, cat 5e, shielded

8p8c female connectors

Inline coupler, cat 5e, shielded, mini

8p8c female connectors

Inline coupler, cat 6A, shielded

8p8c female connectors



Keystones

0.293 USD Unit: pcs

#08346 Net Price:

#04933 Net Price: 0.812 USD Unit: pcs

#08347

Net Price: 0.593 USD Unit: pcs

Keystone connector 6p4c, unshielded, cat. 3, IDC, 90°, white



Keystone connector 8p8c, unshielded, cat. 5e, 90°, white

Keystone connector 8p8c, unshielded, cat. 5e,  $90^{\circ}$ , white





#03756 Net Price: 0.593 USD Unit: pcs

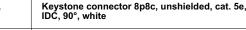


#03752 Net Price: 0.593 USD Unit: pcs



#08861 Net Price:

Keystone connector 8p8c, unshielded, cat. 5e, IDC 90 $^{\circ}$ , black





1.98 USD Unit: pcs





#03759 Net Price: 0.768 USD Unit: pcs

#08348

Net Price: 0.727 USD Unit: pcs

Keystone connector 8p8c, shielded, cat. 6, toolless

Keystone connector 8p8c, unshielded, cat. 6, 180°, black

Width: 14.5mm Height: 13mm front, 18mm back, 23mm with latches

Depth: 31mm, 41mm with the handle



Keystone connector 8p8c, unshielded, cat. 6, 180°, white

Keystone connector 8p8c, shielded, cat. 6, toolless



#04934

Net Price: 0.888 USD Unit: pcs



#07760

Net Price: 2 00 USD Unit: pcs



#04701

Net Price: 1.85 USD Unit: pcs

Keystone connector 8p8c, unshielded, cat. 6,

Keystone connector 8p8c, shielded, cat. 6A, short body, toolless

Connector made completely with metal, enables crimping stranded wires without additional tools

Keystone connector 8p8c, shielded, cat. 6A,

Connector made completely with metal, enables crimping stranded wires without additional tools



#04702

Net Price: Unit: pcs



#04935 Net Price: 0.922 USD Unit: pcs

#03814

Net Price: Unit: pcs

Keystone connector 8p8c, shielded, cat. 6A,

Connector made completely with metal, enables crimping stranded wires without additional tools.

Keystone connector 8p8c, unshielded, cat. 6A, 90°, white

Frame for keystone jack 1 Port, DIN rail mounted

Solid metal handle enabling mounting of a keystone port on a DIN 35mm rail.

NEW



#03763

Net Price: 1.41 USD Unit: pcs



#03815

Net Price 1.23 USD Unit: pcs



#03812

Net Price: 0.966 USD Unit: pcs

Frame for keystone jack 1 Port, DIN rail mounted, PVC

PVC handle enabling mounting of a keystone port on a DIN 35mm rail.

Frame for keystone jack 2 Port, DIN rail mounted

Solid metal handle enabling mounting of two keystone ports

Inline coupler, cat. 6, shielded, panel mounted

8p8c female connectors, Keystone



#07759

Net Price: 0.505 USD Unit: pcs



#04926 Net Price:

1 80 USD Unit: pcs #02415

Net Price: 0.044 USD Unit: pcs

Inline coupler, cat. 6, unshielded, panel mounted

Unshielded coupler meant for mounting in panels and boxes with holders for keystone-type connectors. It allows to connect two cables with 8p8c (RJ45) connectors, for example, patch cords.

Height: 16mm, 5mm clutch Width: 14mm Depth: 32mm

Connector type: 2x female 8p8p (RJ45), unshielded

Inline coupler, cat. 6A, shielded, panel mounted 8p8c female connectors, Keystone

Keystone module for F adaptor

This module enbables placing F adaptors into keystone sockets.



#02414

Net Price: 0.044 USD Unit: pcs

Keystone module for SC simplex adaptor

This module enbables placing SC simplex (or LC duplex) adaptors into keystone sockets.





#02413

Net Price: 0.020 USD Unit: pcs

### Keystone module for ST simplex adaptor

This module enbables placing ST simplex adaptors into keystone sockets.

Matchong adaptors: #08727, #08726

Installation inserts, ducts



#02412

Net Price: 0.176 USD Unit: pcs



#08327

Net Price: 0.351 USD Unit: pcs



#08326

Net Price: 0.285 USD Unit: pcs

### Fit in panel mount adaptor, w/shutter 22.5x45 mm

The system 45 half-cartridge allows the installation of one shielded or unshielded keystone socket. The insert is equipped with an anti-dust plug.

## Module 45x45 mm, dual port, w/o shutter

System 45 input, accomodated to install two Keystone type

## Module 45x45 mm, single port, w/o shutter

System 45 input, accomodated to install one Keystone type

Surge protectors



#04449

Net Price: Call Unit: pcs

#04447

Net Price:

Unit: pcs



#04452

Net Price: Call Unit: pcs

#04453

Net Price:

16.20 USD

Unit: pcs



#04445

Net Price: Call Unit: pcs

# 10/100 LAN surge protector, PoE (PTF-51-ECO/PoE/Micro v2)

Single-channel protection for IP systems, along with a PoE line protection up to 60W. One hybrid class of surge protection, designed for indoor installation.

Channels: 1 Designed for: 10 and 100Mbit ethernet networks (twisted pair) Protected pairs: 1+2; 3+6, 4+5; 7+8 (IEEE 802.3af/at compatible PoE)
Protection levels: 1 (hybrid)
Dimensions: 56x31x27mm

Manufacturer: Ewimar Sp. z o.o.

Manufacturer: Ewimar Sp. z o.o.

# 10/100 LAN surge protector, PoE (PTF-51-EXT/PoE/Micro v2)

Single-channel protection for IP systems, along with a PoE line protection up to 60W. Three hybrid classes of surge protection, designed for indoor installation.

Channels: 1
Designed for: 10 and 100Mbit ethernet networks Protected pairs: 1+2; 3+6, 4+5; 7+8 (IEEE 802.3af/at compatible PoE)
Protection levels: 3 (GDT, MOSFET, TVS)

Dimensions: 56x31x27mm Manufacturer: Ewimar Sp. z o.o. 10/100/1000 LAN\_surge protector, PoE (PTF-61-ECO/PoE) Channels: 1

Designed for: 10, 100 and 1000Mbit ethernet networks Protected pairs: 1+2; 3+6, 4+5; 7+8 (IEEE 802.3af/at compatible PoE)

Protection levels: 1 (hybrid)
Dimensions: 65x30x40mm
Manufacturer: Ewimar Sp. z o.o.



Channels: 1

Protection for devices powered with DC voltage up to 12V. It protects against sudden voltage increase, overvoltage pulses and lightning. The built-in fuse protects the power sources in the event of a short circuit in the receiver or cables, and reduces the possibility of fire.

Purpose: 12VDC powered devices Maximum voltage: 16VDC (line-to-line), 90VDC

(line-to-ground)

(line-to-ground)
Maximum current: 2A (pulse)
Protection level: 67A (line-to-line), 2x10kA (line-to-ground)
Connectors: screw connectors (input and output), cable with
2.1 / 5.5 plug
Dimensions: 74x32x25mm
Manufacturer: Ewimar Sp. z o.o.

#04456

Net Price: Call Unit: pcs

### 10/100/1000 LAN surge protector, PoE, DIN-mount (PTF-61-ECO/PoE/DIN) 12VDC surge protector (SUG-7/12VDC)

230V surge protector (SUG-5)

Protection for devices powered with 230V. Meant for places

Purpose: 230VAC power lines Protection levels: 1 (hybrid)

#04454

Net Price: 21.80 USD Unit: pcs

24VDC surge protector (SUG-7/24VDC)

Channels: 1
Designed for: 10, 100 and 1000Mbit ethernet networks
Protected pairs: 1+2; 3+6, 4+5; 7+8 (IEEE 802.3af/at
compatible PoE)
Protection levels: 1 (hybrid)
Dimensions: 65x30x40mm

Designed for: 24VDC powered devices Protection levels: 1 (hybrid)
Dimensions: 74x32x25mm
Manufacturer: Ewimar Sp. z o.o.

where voltage decays often occur. Miniature sizes allow to hide the device in junction boxes or housings.

Max. voltage: 4kV Max. current: 10kA Dimensions: 25x10x10mm Manufacturer: Ewimar Sp. z o.o.



### #04457

Net Price: 23.80 USD Unit: pcs

# 48VDC surge protector, DIN mounted (SUG-7-DIN/48VDC)

Protection for devices powered with DC voltage up to 48V. It protects against sudden voltage increase, overvoltage pulses and lightning. The built-in fuse protects the power sources in the event of a short circuit in the receiver or cables, and reduces the possibility of fire. The handle enables mounting directly on a DIN rail.

Designed for: 48VDC powered devices Maximum voltage: 56VDC (line-to-line), 90VDC (line-to-ground)

Maximum current: 2A (pulse)
Protection level: 19,7A (line-to-line), 2x10kA (line-to-ground)

Connectors: screw connectors (input and output) Dimensions: 18x90x59mm

Manufacturer: Ewimar Sp. z o.o.

Testing devices



### #03867

Net Price: 41 00 USD Unit: pcs



### #03059

Net Price: 82.40 USD Unit: pcs



### #03057

Net Price: 51 70 USD Unit: pcs

# Cable tester RJ-45 LCD with PoE 802.3af, 802.3at indication (NOYAFA NF-488)

The Noyafa NF-488 is an indispensable device for testing PoE installations. The device recognizes which lines have voltage, gives its value and determines the PoE standard. They can also be connected in series between the switch and the powered device, thanks to which it is possible to obtain information about the current consumption and the power consumed by the receiver.

In addition to PoE testing, the NF-488 performs a standard wiremap test to validate the wiring.

Display: 128x64mm backlit LCD

PoE voltage range: DC 5 - 60V Recognized standards: 802.3af, 802.3at, nonstandard

Current measurement: 0 - 3A Power measurement: 0 - 18W

Detected failures: incorrect connections, short circuits and

interruptions in the wiring Battery type: 3x1.5V AAA Packaging: cardboard, case



### Cable tracker and cable tester, VFL WT22C

The cable tracker is made for identifying and searching cables without breaching their insulation

Additionaly, the device enables displaying the network cable connection map. The WT22C tester is equipped with a laser source of visible light, which also enables diagnostics of optical networks.

Cables tested: RJ45, RJ11, 2.5mm ferrule fiber Operational modes: normal and slow Performed tests: connection map, telephone line voltage indicator, polarization index, continuity test Signal: dual alternating tone
Output signal level: 15V p-p
Battery type: 6F22 9V (reciever), 3x 1.5V AA (toner)



The cable tracker is made for identifying and searching cables without breaching their insulation

Thanks to the use of a digital signal, the sound heard in the receiver is free from any kind of interference that occurs when using analog finders.

Additionaly, the device enables displaying the network cable connection map.

Cables tested: RJ45, RJ11 Operational mode: normal and slow Performed tests: connection map, telephone line voltage indicator, polarization index, continuity test Signal: dual alternating tone or digital
Output signal level: 23V p-p
Battery type: 6F22 9V (reciever), 3x 1.5V AA (toner)



## #03058

Net Price: 55.10 USD Unit: pcs



# #03056

Net Price: 44.90 USD Unit: pcs



## #03052

Net Price: 12.00 USD Unit: pcs

# Digital cable tracker and cable tester WT22E

The cable tracker is made for identifying and searching cables without breaching their insulation.

Thanks to the use of a digital signal, the sound heard in the receiver is free from any kind of interference that occurs when using analog finders.

Additionaly, the device enables displaying the network cable connection map.

Cables tested: RJ45, RJ11 Operational mode: normal and slow Performed tests: connection map, telephone line voltage indicator, polarization index, continuity test Signal: dual alternating tone or digital Output signal level: 23V p-p Battery type: 6F22 9V (reciever), 3x 1.5V AA (toner)



# Digital cable tracker and cable tester WT25D

The cable tracker is made for identifying and searching cables without breaching their insulation.

Thanks to the use of a digital signal, the sound heard in the receiver is free from any kind of interference that occurs when using analog finders

Additionaly, the device enables displaying the network cable connection map

Cables tested: RJ45, RJ11 Operational mode: normal and slow Performed tests: connection map, telephone line voltage indicator, polarization index, continuity test Signal: dual alternating tone or digital Output signal level: 23V p-p Battery type: 2x 6F22 9V



# Cable tester RJ-45, RJ-11 with PoE indication (NOYAFA NF-468PF)

A simple diode tester which enables checking the correctness of the plugs in computer and telephone connections. It is additionally equipped with a PoE voltage indicator.

The device uses diode indicators to inform whether and on which pairs there is PoE voltage

Tested cabling: RJ45, RJ 11 Detected failures: incorrect connections, short circuits and interruptions in the wiring Scanning modes: normal and slow Power: 9V 6F22 battery Packaging: Blister

Cable tester RJ-45, RJ-11, BNC, USB w/external terminator (NOYAFA NF-3468)

Tested cables: UTP, STP, USB, coaxial, phone cables Detected failures: incorrect connections, short circuits and interruptions in the wiring

Additional functions: Automatically recognizing terminator's impedance for 10Base-2 and 10Base-5 standards
Kit includes: tester, case, adapter for BNC terminators
Power: 9V 6F22 battery





Manufacturer: NOYAFA

#03050

Net Price: 16.80 USD Unit: pcs



### #03873

Net Price: 119.00 USD Unit: pcs

# Cable tester RJ-45, w/LCD, digital wire tracker, digital multimeter (WT36C)

### Features:

- No Calibration is needed for general measurement
- Allow User Calibration for precise measurement
   Able to measure cable made of different material
- Only need to connect the cable at one side Measure up to 300 meters
- Able to measure LAN cable (both 4P4C & 8P8C), Phone wire and BNC cable
- Intelligent wiremap (Shorts and Split Pairs)
- Digital and Analogue signal selectable
- Auto power off
- With display backlight and flashlight
   Sensitivity adjustable
   With Built-in Multimeter Functions



### #03883

Net Price: 119.00 USD Unit: pcs

# Cable tester RJ-45 and Optical Power Meter, w/LCD, wire tracker, VFL (NOYAFA NF-8508)

Advanced cable tester that performs standard copper cable tests - wiremap, PoE test and length. Additionally fiber ports to perform optical power measurements and VFL. The other benefits are large colour LCD display

Tested cabling: RJ45, RJ11, fibre optic (2.5mm SC;ST;FC

ferrule)
Functionality: location of the damage site, cable length measurement, detection of short circuit; interruptions; reverse connections, measurement of the distance to damage, dynamic calibration of cable lenght measurement,

dynamic califoration or cable eight measurement, temperature compensation, sound signaling Wiring tests: cable lenght, connection map, digital pair finder with generator, light pen Fiber optic tests: OPM -70..+10dBm 850/1300/1310/1490/1550/1625nm, VFL 10mW Cable length measurement: 10+200m

Cable length measurement: 10+200m Measurement of the distance to damage: yes PoE tests: Standard/Non standard, voltage measurement, automatic detection, 60V max Wire tracker: digital, analogue 455kHz Ergonomics: big and clear LCD display, automatic shutdown, long operating time, measuring data memory Power: in-built 1500mAh battery, USB-C charging Dimensions: 148x70x32 mm (main), 198x50x28 mm (reciever)

(reciever) Warranty: 12 months Manufacturer: NOYAFA



Net Price: 63.90 USD



### #03807

Net Price: 80.00 USD Unit: pcs

# Cable tester RJ-45, w/LCD and scan detector (NOYAFA NF-300)

The NF-300 tester can detect disturbances and errors occurring in the network of coaxial, telephone, UTP and FTP cabling, categories 5, 5E, 6, 7.

The tester can measure the length of the cable, which also allows finding the exact location of its damage. The possibility of calibration increases the accuracy of the measurement

The set is equipped with a finder that allows tonal location of



### #03060

Net Price: 76.10 USD Unit: pcs

# Cable tester RJ-45, w/LCD, digital wire tracker,

The WT26C digital wire tracker is an advanced device used for complex network cabling tests. It enables basic network cabling diagnostics- connection map, measurement of length

Additionally, it is equipped with a digital and analog signal generator, enabling tracing the cable route and identifying

The device is equipped with a clear, backlit LCD display.

Tested cabling: RJ45, RJ11, BNC Functionality: location of the damage site, cable length measurement, short circuit detection, interruptions, reverse connections, measurement of the distance to damage, temperature compensation, sound signaling Wiring tests: cable lenght, connection map, digital pair finder

with generator
Cable length measurement: 300 m
Measurement of the distance to damage: yes Measurement or the distance of dainage. Yes Ergonomics: big and clear LCD display, automatic shutdown, long operating time Power: 1800mAh battery, rechargable by micro USB Dimensions: 173x87x37 mm (main), 187x35x29 mm

### #03081

Unit: pcs

# It enables the measurement of connection errors in UTP

STP twisted pairs. The device is equipped with an LCD display.

The NF8108 cable tester is used to measure cable continuity.

# Display: LCD (53x25mm)

Display: LCD (53x2bmm)
Frequency of the audible signal: 225Hz (after connecting the terminator)
Max. length of the tested cabling: 300m
Length measuring accuracy: 95%
Max. current: <70mA
Function selection: three buttons, on / off button

Power supply: 4x1.5V (about 50 hours of work), automatic

Cable tester RJ-45, w/LCD and 8 external terminators (NOYAFA NF-8108M)

Tester dimensions: 184x84x46mm

Terminator dimensions: 78 x 33 x 22mm Packaging: cardboard box + soft case Warranty: 12 months

Manufacturer: NOYAFA





#03808

### Net Price: 163.00 USD Unit: pcs

# Cable tester RJ-45, w/LCD, wire tracker, ping testing (NOYAFA NF-8601W)

Advanced cable tester thet performs PING, PoE, wiremap and length tests. The other benefits are large colour LCD display and data export to micro SD card.

The device is equipped with a clear, backlit LCD display.

Tested cabling: RJ45, RJ11, BNC Functionality: location of the damage site, cable length measurement, detection of short circuit; interruptions; reverse connections, measurement of the distance to damage, dynamic calibration of cable length measurement, temperature compensation, sound signaling, terminator identification

Wiring tests: cable lenght, connection map, digital pair finder

viring tests: cable lenght, connection map, digital pwith generator,
LAN testing: ICMP ping
Cable length measurement: 10÷1000m
Setting the electric capacity of the tested cable: yes
Measurement of the distance to damage: yes

Measurement of the distance to damage: yes Ping test: delay, lost packets
Ergonomics:big and clear LCD display (320x240 pixels), automatic shutdown, long operating time, export of measurement data to a micro SD card
Power: in-built battery, micro USB charging
Dimensions: 173x92x34 mm (main),183x58x35 mm (reciever)
Warranty: 12 months

Manufacturer: NOYAFA

#03866 Net Price: 212.00 USD Unit: pcs

# Cable tester RJ-45, w/LCD, wire tracker, ping testing, TDR (NOYAFA NF-8601S)

The NF-8601S cable tester is an advanced device for complex network cabling tests.

The device is equipped with a colourful, backlit, 320z240 LCD

A noteworthy feature is the ability to perform a ping test with packet loss and latency measurement. In addition, the tester allows you to measure PoE voltage on each line and export the measurement data to an external micro SD memory card.

The NF-8601S tester measures the cable length and the distance from the fault using the TDR technology.

Tested cabling: RJ45, RJ11, BNC Functionality: location of the damage site, cable length measurement, detection of short circuit; interruptions; reverse connections, measurement of the distance to damage, dynamic calibration of cable lenght measurement, temperature compensation, sound signaling,

Wiring tests: cable lenght, connection map, digital pair finder

Wiring tests: cable lenght, connection map, digital pair find with generator, LAN testing: ICMP ping, flash port Cable length measurement: 10+1500m Setting the electric capacity of the tested cable: yes Measurement of the distance to damage: yes Ping test: delay, lost packets Ergonomics: big and clear LCD display (320x240 pixels), automatic shutdown, long operating time, export of measurement data to a micro SD card Power: in-built battery, micro USB charging

Power: in-built battery, micro USB charging Dimensions: 173x92x34 mm (main),183x58x35 mm (reciever) Warranty: 12 months Manufacturer: NOYAFA



#03051

Net Price: 97.10 USD Unit: pcs

# Cable tester RJ-45, w/LCD, wire tracker, VFL (NOYAFA NF-858C)

Advanced cable tester thet performs PING, PoE, wiremap and length tests. The other benefits are large colour LCD display and data export to micro SD card.

The device is equipped with a clear, backlit LCD display. Tested cabling: RJ45, RJ11, BNC, fibre optic (2.5mm SC;ST;FC ferrule)

Functionality: location of the damage site, cable length measurement, detection of short circuit; interruptions; reverse connections, measurement of the distance to damage, dynamic calibration of cable lenght measurement, temperature compensation, sound signaling, terminator identification

Wiring tests: cable lenght, connection map, digital pair finder with generator, light pen

Cable length measurement: 10÷2000m Cable length measurement: 10±20Uom Setting the electric capacity of the tested cable: yes Measurement of the distance to damage: yes Ergonomics: big and clear LCD display, automatic shutdown, long operating time, measuring data memory Power: in-built 1000mAh battery, micro USB charging Dimensions: 135x78x35 mm (main),107x30x24 mm (reciever) Warranty: 12 months Manufacturer: NOYAFA



## #03872

Net Price: 69.30 USD Unit: pcs

# Cable tester RJ-45, w/LCD. PoE and port flash (NOYAFA NF-8209)

The NF8209 cable tester is used to measure cable continuity. It enables the measurement of connection errors in UTP STP twisted pairs. The device is equipped with an LCD

PoE detection and identify the standard (IEEE802.3at/af / non

Display:LCD 128x64 dot-matrix with backlight Frequency of generator:130kHz Max. length of the tested cabling: 200m (length test), 600m (wiremap)

(wiremap)
Length measuring accuracy: 1.6m
Max. current: <a href="4">4130mA</a> (emitter), <100mA (reciever)
Function selection: graphical menu
Power supply: 3x1.5V AAA (emitter), 9V (reciever)
PoE test range: 5+60V
Packaging: cardboard box + soft case
Warranty: 12 months

Magriful Targe NOVA EA

Manufacturer: NOYAFA



### #03884

Net Price: 71.20 USD Unit: pcs

# Cable tester RJ-45, w/LCD. PoE and port flash (NOYAFA NF-8209S)

The NF8209S cable tester is used to measure cable continuity. It enables the measurement of connection errors in UTP / STP twisted pairs. The device is equipped with an LCD

PoE detection and identify the standard (IEEE802.3at/af / non

Display:LCD 128x64 dot-matrix with backlight Frequency of analogue generator:455kHz Max. length of the tested cabling: 200m (length test), 600m

(Wiremap)
Length measuring accuracy: 1.6m
Max. current: <130mA (emitter), <100mA (reciever)
Function selection: graphical menu
Power supply: 3.7V 1400mAh polymer lithium battery (both
transmitter and reciever)
PoE test range: 5+60V

Packaging: cardboard box + soft case Warranty: 12 months Manufacturer: NOYAFA



### #03091

Net Price: 1 120.00 USD Unit: pcs

### MicroScanner PoE cable tester (Fluke Networks MS-POE)

The new generation of the well-known and valued Microscanner. The new tester does not have a socket for coaxial cables. However, new diagnostic possibilities appeared: PoE voltage measurement, determining whether the port is able to provide sufficient power, identification of the port speed up to 10Gbps.

port speed up to 10Gpps.

Display: LCD, monochrome
Tested cables: UTP, FTP, SSTP, coaxial 75Ω/50Ω/93Ω
Connectors: RJ-11, RJ-45, F
Cable length measure: 1500ft (460,0 m)
Wiremap: compliant with TIA-568A/B
Remote device detection: switch, POTS, terminator
Transmission speed indicator: 10 Mbps, 100 Mbps, 1000
Mbps, 2.5Gbps, 5Gbps, 10Gbps
Detected malfunctions: open, short, separated pairs, crossed pairs, reverse pairs pairs, reverse pairs Distance to breakage: yes Working in active networks: yes Tone generator: digital (500 KHz), analog (400 Hz / 1 KHz)

PoE detection: yes PoE standards: 802.3af, 802.3at, 802.3bt Dimensions: 163x76x36 mm

Weight: 363 g Warranty: 12 months Manufaturer: Fluke Networks



# #06106

Net Price: 915.00 USD Unit: pcs



### #06249

Net Price: 1 520.00 USD Unit: pcs

### #05718

Net Price: 2 410.00 USD Unit: pcs

# MicroScanner2 cable tester (Fluke Networks MS2-100)

Display: LCD, monochrome Tested cables: UTP, FTP, SSTP, coaxial  $75\Omega/50\Omega/93\Omega$  Connectors: RJ-11, RJ-45, F Cable length measure: 1500ft (460,0 m) with a 0.3m

resolution
Wiremap: compliant with TIA-568A/B

Remote device detection: switch, POTS, terminator Transmission speed indicator: 10 Mbps, 100 Mbps, 1000 Mbps

Detected malfunctions: open, short, separated pairs, crossed pairs, reverse pairs Distance to breakage: yes

Working in active networks: yes Tone generator: digital (500 KHz), analog (400 Hz / 1 KHz) PoE detection: yes Dimensions: 163x76x36 mm

Weight: 363 g Warranty: 12 months Manufaturer: Fluke Networks

# MicroScanner2 Pro Kit (Fluke Networks MS2-KIT)

MicroScanner2 Pro Display: LCD, 1.75" x 0.85" Tested cables: UTP, STP, FTP, RG59, RG9, CCTV Cable parameters test: yes

Transmission type detection: Half Duplex, Full Duplex
Device type detection: hub, network card
Transmission speed detection: 10 Mbps, 100 Mbps, 1000

Cable length measure: 0.5 - 460 m Distance to break/short: yes Working in active networks: yes

Working in active feworks, yes
Continuous test: yes
Wiremap test: yes
Cable faults detection: open, short, separated pairs, crossed

pairs, reverse pairs
Tone generation: digital (500 KHz), analog (400 Hz / 1 KHz)
POE detection: yes
Dimensions: 163x76x36 mm

Warranty period: 12 months
Manufacturer: Fluke Networks
IntelliTone 200 Probe

Intelli One 200 Probe
Single pair test: yes
Additional features: locate cables from large distance,
precision locate cable pairs in wisps
Operating temperature: 0°C + 40°C
Operating humidity: 5% + 95%, non-condensing

# LinkIQ cable tester (Fluke Networks LIQ-100)

Tested cables: Balanced twisted-pair cabling Unshielded twisted-pair Screened twisted-pair 2-pair and/or 4-pair Qualification autotests: 10GBASE-T, 5GBASE-T, 2.5GBASE-T, 100BASE-T, 100BASE-TX, 10BASE-T, Wire map Only. Test Speed- 6 seconds for lengths
 70 m

 map Valy. Test Speed- 6 seconds for lengths
 70 m

 Wire Map-Only Tests: Document wire map, Length of each pair, Diagnose spilt pairs, User selectable T568A or T568B, User selectable crossover settings (Straight through, Half-crossover, Full-crossover). Test speed- 1 second for

Halt-crossover, Full-crossover). Lest speed- 1 second for lengths < 120 m
Length (Maximum): 305 m (1000 ft)
Nominal Velocity of Propagation (NVP): User settable
Tone Generator: Generates digital tones compatible with
Fluke Networks IntelliTone probe. Generates analog tones

compatible with general analogprobes. Remote ID Locators: Use remote ID terminations to identify up to 7 unique ports or office outlets Power: Lithium-ion, 3.6 V, 6400 mAh; Life 8 hours typical;

Charge time 4.5 hours; Charging temperature range 0 °C to +40 °C

+40 ℃
Weight: 624g
Dimensions: 8.5 in x 4.5 in
Warranty period: 12 months
Manufacturer: Fluke Networks



Net Price: 2 920.00 USD

### LinkIQ cable tester (Fluke Networks LIQ-KIT)

Tested cables: Balanced twisted-pair cabling Unshielded Tested cables: Balanced twisted-pair cabling Unshielded twisted-pair Screened twisted-pair 2-pair and/or 4-pair Qualification autotests: 10GBASE-T, 5GBASE-T, 2.5GBASE-T, 100BASE-T, 100BASE-T, 10BASE-T, Wire map Only. Test Speed- 6 seconds for lengths< 70 m Wire Map-Only Tests: Document wire map, Length of each pair, Diagnose split pairs, User selectable T568A or T568B, User selectable crossover settings (Straight through, Half-crossover, Full-crossover). Test speed- 1 second for lengths < 120 m Length (Maximum): 305 m (1000 ft) Nominal Velocity of Propagation (NVP): User settable Tone Generator: Generates digital tones compatible with Fluke Networks IntelliTone probe. Generates analog tones

Fluke Networks IntelliTone probe. Generates analog tones compatible with general analogorobes.

Remote ID Locators: Use remote ID terminations to identify

up to 7 unique ports or office outlets Power: Lithium-ion, 3.6 V, 6400 mAh; Life 8 hours typical; Charge time 4.5 hours; Charging temperature range 0  $^{\circ}\text{C}$  to +40  $^{\circ}\text{C}$ 

+40 °C Weight: 624g Dimensions: 8.5 in x 4.5 in Warranty period: 12 months Manufacturer: Fluke Networks

Unit: pcs



#07700

Net Price: 459.00 USD Unit: pcs

# Cable tester with advanced cable locator and network tester (DADI TPT-8020A)

The TPT-8020A is an easy-to-use, portable test set with an advanced cable locator and a LAN network IP tester.

Besides identifying wiremaps, measuring the cable length, diagnosing cable faults and tracing cables, the TPT-8020A can also be used to perform basic tests on an active LAN network based on the IP protocol.

The tester enables comprehensive testing of the transmission path, from diagnostics of the wiring (searching for specific cables, measuring their length, detecting breaks and connection errors) to checking the operation of the network layer (identification and diagnostics of connection to the end device, downloading configurations from the DHCP server, IP network scan, ping tests to a selected address in the network)

### Cabling Tests

- Length measurement: twisted-pair, phone line, coax and
- Wiremap testing: displays wiremap, conducts tests of STP/UTP, diagnoses faults for shorts, opens, reversals, miswires and split pairs and performs cable testing per T568A/B standard
- Tone generation: generate up to 4 distinctive tones for tracing cables

- LAN/IP network testing
   Port identification: identification of the telephone port with voltage measurement, identification of the Ethernet network port with information about the speed and type of connection up to 1000 Mbps, information on the type of network termination: NIC, HUB, SWITCH, POE
- Flashing port LED to locate a hub or switch port
- Generating a signal that enables identification of a port on a network device (port LED indication on a switch port)
- ICMP ping test with packet loss and latency measurement Static IP address or obtained from DHCP
- Scanning a network segment with information about active IP / MAC addresses
- Automatic shutdown to save battery power
- Backlit LCD display, comfortable for work in low light

Cabling tets:

Cabling tets:

Cable length measure: 1 - 460 m

Single end measurement: yes

Setting the electric capacity of the tested cable: yes

Wiremap testing: Complies with TIA-568A/B

Wiring fault diagnosis: open, short, reversed pairs, split pairs

Simultaneous cable testing: 8 lines with 8 remote IDs

Measuring the distance to the fault: yes

Tone generation: 4 distinctive tones

Ping testing: delay, packet loss

Ping testing: delay, packet loss

DHCP testing: Display acquired IP, gateway and DNS server Net Scan: Display search host information, IP and MAC

addresses

Port identification: network termination type, telephone voltage, network attributions of ports Dimensios: 134×74×46mm

Weight: 300g Display: 128×64 LCD Operation mode: Keyboard Interface: RJ-45

Interlace: 10-40
Battery: 9V
Operation time, cable testing without backlight: 50 hours
Operation time, network testing without backlight: 15 hours

Automatic shutdown: yes Warranty: 12 months

Manufacturer: DADI

#08124

Net Price: 3.90 USD Unit: pcs

Cable identifier #3 (WT-4042/ID3)

Compatible with the WT-4042 tester - #05590



Cable identifier #1 (NF-8108)

Compatible with testers: NF-8108A #07442 NF-8108M #03081





#08123 Net Price:

3.90 USD Unit: pcs

### Cable identifier #2 (WT-4042/ID2)

Compatible with the WT-4042 tester - #05590



Net Price: 3.90 USD Unit: pcs



Cable identifier #6 (WT-4042/ID6)

Compatible with the WT-4042 tester - #05590

Unit: pcs

Cable identifier #4 (WT-4042/ID4)

Compatible with the WT-4042 tester - #05590



#08128

Net Price: 3.90 USD Unit: pcs



#08129

Net Price: 3.90 USD Unit: pcs



### #04954

Net Price: 5.85 USD Unit: pcs

### Cable identifier #7 (WT-4042/ID7)

Compatible with the WT-4042 tester - #05590

# Cable identifier #8 (WT-4042/ID8)

Compatible with the WT-4042 tester - #05590

## **Transmitter for LED Patch Panel**



USB

### #04945

Net Price:

0.637 USD Unit: pcs

## USB cable, A(M)/microUSB(M), 2.0 m

USB connector compatible with the USB 2.0 standard allows to connect devices equipped with a microUSB socket to a computer. It enables both data transmission and charging of mobile devices.

Connector type: USB A (M), microUSB (M) Length: 1.8m USB standard: 2.0 Colour: grey Packaging: foil

### Other computer accessories



### #04633

Net Price: 11.40 USD Unit: pcs



### #04632

Net Price: 30.30 USD Unit: pcs



### #04631

Net Price: 35.60 USD Unit: pcs

# USB 3.0 4-Port Hub, Portable (TP-Link UH400)

- Connect up to 4 devices at a time
- Data transfer speed up to 5Gb/s, 10 times faster than USB 2.0

HARDWARE FEATURES: Output Interface: 4 USB 3.0 Standard A Input Interface: USB 3. Typ-A Chipset: VIA VL812 Chipset with Latest Firmware

Dimensions ( W x D x H ): 2.8 x 2.8 x 0.7 in. (71 x 71 x 16.6

Compatibility: Windows, Mac OS X and Linux systems Package Contents: USB 3.0 4-Port Hub UH400, Quick Installation Guide Warranty: 2 years

# USB 3.0 7-Port Hub (TP-Link UH700)

- USB 3.0 ports offer transfer speed of up to 5Gbps, 10 times faster than standard USB 2.0
- The 7 data transfer ports reduce the need to switch between devices

HARDWARE FEATURES: Output Interface: 7 USB 3.0 Standard A Input Interface: 1 USB 3.0 Micro B Chipset: VIA VL812 Chipset with Latest Firmware

Dimensions ( W x D x H ): 6.5 x 2.6 x 0.7 in. (165 x 65.5 x

Compatibility: Windows, Mac OS X and Linux systems
Package Contents: USB 3.0 7-Port Hub UH700, 12V & 2.5A
Power Adapter, 1-Meter USB 3.0 Cable, Quick Installation Guide Warranty: 2 years

### USB 3.0 7-Port Hub, 2 Charging Ports (TP-Link UH720)

- USB 3.0 ports offer transfer speed of up to 5Gbps, 10 times faster than standard USB 2.0
- The 7 data transfer ports reduce the need to switch between
- Two 2.4A charging ports provide the convenience of charging mobile devices
- The hub automatically adjusts the output voltage depending on the needs of the connected devices

HARDWARE FEATURES: Output Interface: 7 USB 3.0 Standard A, 2 2.4A Charging

Ports Input Interface: 1 USB 3.0 Micro B

Chipset: VIA VL812 Chipset with Latest Firmware Dimensions ( W x D x H ): 6.5 x 2.6 x 0.7 in. (165 x 65.5 x

(Compatibility: Windows, Mac OS X and Linux systems
Package Contents: USB 3.0 7-Port Hub with 2 Charging Ports
UH720, 12V & 4A Power Adapter, 1-Meter USB 3.0 Cable, Quick Installation Guide Warranty: 2 years



# #09031

Net Price: 16.70 USD Unit: pcs

# #07082

Net Price: 12.40 USD Unit: pcs



# #07083

Net Price: 15.40 USD Unit: pcs

# PoE Adapter (TP-Link TL-POE4824G)

- 48V passive PoE supported
- Automatic determination of the necessary power requirements
- Convenient wall-mounting design
- Gigabit speed supportPlug-and-Play, requires no configuration

Ports: 1\* 10/100/1000Mbps RJ45 Shielded Data IN Port, 1\* 10/100/1000Mbps RJ45 Shielded Passive PoE Port, 1\* 48VDC POWER INPUT PORT Dimensions: 81x52x24 mm

Dimensions: 31x2x24 mm LED Indicator: PWR Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

# PoE Adapter (Ubiquiti POE-48-24W)

Output: 48V, 0.5A Dimensions: 88 x 57 x 33 mm Weight: 135.5 g Temperature Operation: 0 ÷ 40°C

# PoE Adapter (Ubiquiti POE-48-24W-G)

Output: 48V, 0.5A Ports: 1 x 100/1000M RJ45 LAN Dimensions: 92 x 60 x 33 mm Weight: 158.5 g Temperature Operation: 0 ÷ 40°C





#07072 Net Price: 15.40 USD Unit: pcs



#08996 Net Price: 8.00 USD Unit: pcs



#08997 Net Price:

13.60 USD Unit: pcs

# PoE Adapter 24V, Gigabit LAN Port (Ubiquiti POE-24-24W-G)

Output: 24V, 1A Ports: 1 x 100/1000M RJ45 LAN Dimensions: 92 x 60 x 33 mm Weight: 158.5 g Temperature Operation: 0 ÷ 40°C

# PoE Adapter, 24V, 0.5A (Ubiquiti POE-24-12W)

Output: 24V, 0.5A Dimensions: 87 x 44 x 29 mm Weight: 92 g Temperature Operation: 0 ÷ 40°C

### PoE Adapter, 24V, 1A (Ubiquiti POE-24-24W)

Output: 24V, 1A Dimensions: 88 x 57 x 33 mm Weight: 135 g Temperature Operation: 0 ÷ 40°C



### #07075

Net Price: 14.00 USD Unit: pcs



# #07068

Net Price: 9.50 USD Unit: pcs



#06859

Net Price: 18.90 USD Unit: pcs

# PoE Adapter, Gigabit LAN Port (Ubiquiti POE-24-AF5X)

Output: 24V, 1A Output: 24V, 1A Ports: 1 x 100/1000M RJ45 LAN Buttons: Reset Dimensions: 92 x 60 x 33 mm Weight: 158.5 g Temperature Operation: 0 ÷ 40°C

### PoE Adapter, Indoor (Ubiquiti INS-8023AF-I)

Input: 48V, 802.3af (with sensior function) Output: 16V, 0.8A
Output: 16V, 0.8A
Output POE method: positive 4,5; return 7,8
Ethernet: ESD/Surge Protection +/-15kV
Dimensions: 27 x 21.5 x 93.5mm
Weight: 0.2kg
Temperature Operation: 0 ÷ 70°C

## PoE injector (TP-Link TL-POE150S)

- Complies with the IEEE 802.3af standard
- Automatic determination of the required power parameters
- Supports speeds up to 1Gb/s
- No configuration required thanks to Plug-and-Play

Standards: IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3af Power over Ethernet
Ports: 2x 10/100/1000M Auto-Negotiation RJ45 LAN port, 1 power socket 48V DC (DC IN), Dimensions: 80,8x54x24 mm

Power: Input - External 48V DC power adapter, Output - Auto-determine the necessary power requirements (max. 15.4W)

Operating temperature: 0°C ÷ 40°C Operating Humidity: 10% ÷ 90%, niekondensująca Warranty: 5 years



### #06120

Net Price: 23.40 USD Unit: pcs



## #06860

Net Price: 11.10 USD Unit: pcs

## #09125

Net Price: 21.60 USD Unit: pcs

## PoE injector 52V 0,3A

This power supply is intended for powering LAN devices compliant with the IEEE 802.3af standard, adapted to be supplied with the voltage of 37+57V DC supplied to the device via a four-pair twisted pair. Power is supplied using pairs: 4/5 (+) and 7/8 (-) which are also used for data transmission in accordance with the Ethernet standard. The power supply cannot be used in Gigabit Ethernet networks! The power supply is equipped with overvoltage and overload protection.

Supply voltage: 90 ÷ 264V AC 50Hz Current consumption: 0,2A@230VAC max. Supply power: 15,4W max. Efficiency: 87%

Efficiency: 87%
Output voltage: 52V DC
Output current: 0,3A
Ripple voltage: 150mV p-p max.
Overload protection OLP: 150-200% of power supply,
automatic recovery
Optical signalization: PWR - presence of DC voltage, PoE presence of DC voltage at PoE output
Operation conditions: temperature -10°C ÷ 40°C, relative
humidity 20%...90%, without condensation
Dimensions (LxWxH): 119 x 61 x 38 [mm]
Net/gross weight: 0,33kg / 0,38kg
Protection class EN 60950-1.2007: II (second)
Length of detachable AC cable: 1,2m
Storage temperature: -20°C...+60°C Storage temperature: -20°C...+60°C Warranty: 2 years

# PoE Splitter (TP-Link TL-POE10R)

- Complies with the IEEE 802.af standard
- Adjustable ouyput power
- Plug-and-play standardGigabit speed support

Standards: IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3af Power over Ethernet Ports: 2x 10/100/1000Mbps RJ45 Port, 1x power socket (DC

AUTO Negotiation/AUTO MDI/MDIX: Yes AOTO Negotiation/AOTO MDI/MDIX: Yes Dimensions:80,8x54x24 mm
Power: 12VDC 1A, 9VDC 1A, 5VDC 2A Operating temperature: 0°C + 40°C Operating humidity: 10% + 90%, niekondensująca Warranty period: 5 years Manufacturer: TP-Link

# PoE+ injector (TP-Link TL-POE160S)

- 2 Gigabit ports ensure faster transmission
- Complies with IEEE802.3af/at standards, supplies up to 30
- Reduces infrastructure costs by transmitting data and power simultaneously via an Ethernet cable
  - Automatically determines and supplies the exact power to
- meet the device's need
- Wall-mounting and desktop design accommodates most installation scenarios
  - Plug & Play installation, requires no configuration
- Integrated power supply

Standards: IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3af Power over Ethernet, 802.3af Power over Ethernet Ports: 1x 10/100/1000M Auto-Negotiation RJ45 LAN port (LAN IN), 1 power socket (DC IN), 1 10/100/1000M Auto-Negotiation RJ45 PoE port (POWER+DATA OUT) Dimensions: 125x59.4x36.8 mm
Power: Input - 100-240V, 50/60Hz, Output - Auto-determine

the necessary power requirements (max. 30W) Operating temperature: 0°C + 40°C Operating Humidity: 10% + 90%, niekondensująca Warranty: 5 years





### #09266

Net Price: 55.70 USD Unit: pcs



### #04416

Net Price: 2.68 USD Unit: pcs



### #04637

Net Price: 23.20 USD Unit: pcs

### PoE++ injector (TP-Link TL-POE170S)

- 2 Gigabit ports ensure faster transmission
- Complies with IEEE802.3af/at/bt\* standards, supplies up to
- Reduces infrastructure costs by transmitting data and power simultaneously via an Ethernet cable
- Automatically determines and supplies the exact power to meet the device's need
- Wall-mounting and desktop design accommodates most
- installation scenarios - Plug & Play installation, requires no configuration
- Integrated power supply
- Durable metal casing

Standards: IEEE 802.3 10Base-T, 802.3u 100Base-TX, 802.3af Power over Ethernet, 802.3at Power over Ethernet,

802.3af Power over Ethernet, 802.3at Power over Etherne 802.3bt
Ports: 1x 10/100/1000M Auto-Negotiation RJ45 LAN port (LAN IN), 1 power socket (DC IN), 1 10/100/1000M Auto-Negotiation RJ45 PoE port (POWER+DATA OUT) Dimensions: 155 x 70 x 42 mm
Power: Input - 100-240V, 50/60Hz, 1.6A Output - Auto-determine the necessary power requirements (max. 60W)

Operating temperature: 0°C ÷ 45°C Operating Humidity: 10% ÷ 90%, niekondensująca Warranty: 5 years

# Splitter adaptor, shielded, 100Base-TX

A pair of splitters enable connecting two 100Base-TX (100Mb/s) network devices using only one network cable (4 cores - one port, 4 cores - the second port).

### Bluetooth Music Receiver (TP-Link HA100)

- Stream music wirelessly from your smartphone/tablet to any
- stereo/stand-alone speaker via Bluetooth
   Connect with your Bluetooth or NFC-enabled device, using the HA100 or NFC Tag
- Connects to any stereo supporting 3.5mm or RCA jacks
- Transmits up to 20 meters (66 feet) away, within direct line of sight
- Bluetooth 4.1, compatible with all A2DP stereo Bluetooth devices

HARDWARE FEATURES: Bluetooth Range: 20 meters (66 feet)

Bluetooth Version: 4.1 Power Supply: 5V 1A USB Power Dimensions (W x D x H): 66.5 x 60.5 x 18.5 mm ( 2.6 x 2.4 x

0.7 in.)
Package Contents: TP-Link HA100, Power Adapter,
3.5mm-to-3.5mm AUX cable, 3.5mm-to-RCA cable, NFC Tag,
Quick Installation Guide Warranty: 2 years

Micro Filter for ADSL modems, 6p2c male to



## #07434

Net Price: 0.768 USD Unit: pcs



## #08962

Net Price: 13.50 USD Unit: pcs



6p2c female

### #05637

Net Price: 0.122 USD Unit: pcs

### Cable markers

Colourful, numerated markers enable easy identification of cables. The diameter allows them to be used both on teleinformatic cables (twisted pair), telephone and fiber optic

Colours: black(0), white (1), red (2), orange (3), yellow (4), green (5), blue (6), pink (7), grey (8), purple (9) Material: soft plastic Packaging: blister (100 markers, 10 of each colour)

### Ethernet surge protector (Ubiquiti ETH-SP-G2)

Dimensions: 91 x 61 x 32.5 mm (3.58 x 2.4 x 1.28") Weight: 80 g Weight: 80 g
Interface Connections: 2xRJ45 Female Connectors
ESD/EMP Protection: Absorbing Transient Current with
Response to Surge Voltage from 100V/s to 1kV/µs
DC Spark-Over Voltage: 90V @ 100V/s
Maximum Impulse Spark-over Voltage: 700V @ 1kV/µs
Discharge Current: 5kA (Maximum), 0.5kA (Normal)
Maximum Insulation Resistance: 1G ohm @ 50V
Maximum Capacitance: 1.0 pF @ 1 MHz
Data Line Protection: RJ45 10/100/1000 Ethernet
IEFE 802. 3af POE Support: Yes



Net Price: 5.20 USD Unit: pcs

# USB cable, USB-C(M) to USB-A(F), 13.3 cm (TP-Link UC400)

- Easy handling of USB devices
  OTG (On The Go) Compatibility
- Universal Compatibility, works with every device Adds 3.0 USB-A Port To Your Devices

HARDWARE FEATURES Compatibility: Windows, macOS, Chrome OS, Linux OS and Andriod 6.0 Output Interface: 3.0 USB-A Port Input Interface: 3.0 USB-C Connector Warranty: 2 years

### #06279

Data Line Protection: KJ45 10/100/1000 Ethernet IEEE 802.3af PoE Support: Yes Shock and Vibration Certification: ETSI300-019-1.4 Standard Operating Temperature: -30 to 65° C (-22 to 149° F) Operating Humidity: 10 to 90% Noncondensing

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