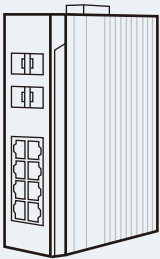


# Video Surveillance and Network PoE Solution

PoE Switch | Industrial PoE Switch | Ethernet Switch  
PoE Accessories | Ethernet Extender | Wireless Equipment | Media Converter



UTEPO  
优特普

# SHENZHEN UTEPO TECH LTD

Since 2005

Video Surveillance and Network PoE Solution Provider

Founded in 2005, UTEPO is a leading global provider of video surveillance and network PoE solution. Over 16-year experience, we provide customers with PoE switches, industrial switches, Ethernet extenders, accessories, etc. By providing customers with professional, distinctive security surveillance transmission products and services, UTEPO is keeping to create value for all customers.



Reception of Headquarter



Domestic Marketing Center



Overseas Marketing Center



Show Room



Testing Lab



Global Exhibition

For more, please refer to [www.utepo.net](http://www.utepo.net)

## R&D Ability

**30+**  
R&D Staff

**20+**  
Software Copyrights

**200+**  
Patents

**60+**  
Solution Tests

**1000+**  
Hardware Tests

## SALES CHANNEL OVER 90 COUNTRIES

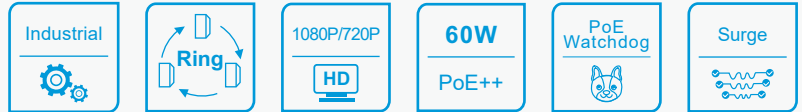









# Industrial & Fanless PoE Switch

- Industrial-level chip
- Support PoE watchdog
- 30W and 60W high power PoE
- Redundant power design
- -40°C to +75°C working temperature
- 6kV surge protection, 8kV/15kV ESD protection
- Fanless and noiseless



## IP Transmission



| Picture Model   | Downlink Ports            | Uplink Ports   | Switching Capacity | Packet Forwarding Rate | PoE Standard       | PoE Power Output                      | Surge Protection | Working Temperature | Dimensions (L * W * H) / (mm) |
|---|---------------------------|--|--------------------|------------------------|--------------------|---------------------------------------|------------------|---------------------|-------------------------------|
| <b>10/100Mbps PoE Switch</b> ( PoE Watchdog, VLAN, 250m/10Mbps, IEEE 802.3af/at, 6kV )                                      |                           |  |                    |                        |                    |                                       |                  |                     |                               |
|  UTP7204E-POE-A1                          | 4*10/100 Base-TX PoE      | 1*10/100Base-TX<br>1*100Base-FX SFP                    | 1.2Gbps            | 0.89Mpps               | 802.3af/at         | 60W                                   | 6kV              | -40°C~+75°C         | 163 * 110 * 46.5              |
|  UTP7208E-POE-A1                          | 8*10/100 Base-TX PoE      | 1*10/100/1000Base-T<br>1*1000Base-X SFP                | 5.6Gbps            | 4.2Mpps                | 802.3af/at         | 150W                                  | 6kV              | -40°C~+75°C         | 163 * 110 * 46.5              |
|  UTP7108E-POE                             | 8*10/100 Base-TX PoE      | 1*10/100/1000Base-T<br>1*1000Base-X SFP                | 5.6Gbps            | 4.2Mpps                | 802.3af/at         | 120W                                  | 6kV              | -30°C~+65°C         | 159 * 110 * 44                |
| <b>Full Gigabit PoE Switch</b> ( VLAN, IEEE 802.3af/at, 6kV )   |                           |  |                    |                        |                    |                                       |                  |                     |                               |
|  UTP7204GE-HPOE                           | 4*10/100/1000 Base-T PoE  | 2*10/100/1000Base-T<br>2*1000Base-X SFP<br>(One Combo) | 14Gbps             | 10Mpps                 | 802.3af/at<br>+60W | 150W                                  | 6kV              | -40°C~+75°C         | 163 * 110 * 46.5              |
|  UTP7204GE-PD                             | 4*10/100/1000 Base-T PoE  | 1*10/100/1000Base-T<br>(60W PD)<br>1*1000Base-X SFP    | 12Gbps             | 8.9Mpps                | 802.3af/at         | 120W                                  | 6kV              | -40°C~+75°C         | 163 * 110 * 46.5              |
|  UTP7208GE-POE                            | 8*10/100/1000 Base-T PoE  | 2*1000Base-X SFP                                       | 20Gbps             | 20Mpps                 | 802.3af/at         | 80W (12V)<br>120W (24V)<br>240W (48V) | 6kV              | -40°C~+75°C         | 159 * 110 * 46.5              |
| <b>Layer 2+ Management</b> (Port Management, VLAN, QoS, IGMP, SNMP, PoE Management, Trunk, RSTP, RIP, OSPF, Static Routing) |                           |  |                    |                        |                    |                                       |                  |                     |                               |
|  UTP7320S-PSB                             | 16*10/100/1000 Base-T PoE | 4*1000Base-X SFP                                       | 40Gbps             | 29.8Mbps               | 802.3af/at         | 360W                                  | 6kV              | -40°C~+75°C         | 163 * 110 * 95.6              |

# L2/L3 Managed PoE/Ethernet Switch



- Support fast ring, self-healing time ≤ 20ms
- One-key smart technology (CCTV, Ring, Lock, PoE Watchdog/Online)
- Layer 2/3 Web management function
- 10G SFP+ Uplink
- 6kV surge protection, 8kV/15kV ESD protection

## IP Transmission

**L2/L3**  
Managed

Ring

1080P/720P  
HD

Route

10Gbps  
SFP+

Surge

| Picture<br>Model  | Downlink Ports                               | Uplink Ports                            | Switching Capacity | Packet Forwarding Rate | PoE Standard | PoE Power Output | Surge Protection | Working Temperature | Dimensions (L * W * H) / (mm) |
|---|--|---|--------------------|------------------------|--------------|------------------|------------------|---------------------|-------------------------------|
| <b>Layer 2 Management</b> ( Port Management, VLAN, QoS, IGMP, SNMP, PoE Management, Trunk, RSTP ) |  |   |                    |                        |              |                  |                  |                     |                               |
| UTP3-GSW1604S-MTP250  | 16*10/100/1000 Base-T PoE                    | 4*1000Base-X SFP                        | 40Gbps             | 29.8Mpps               | 802.3af/at   | 230W             | 6kV              | -10℃~+50℃           | 442 * 286 * 44.5              |
| UTP3-GSW2404S-MTP250  | 24*10/100/1000 Base-T PoE                    | 4*1000Base-X SFP                        | 58Gbps             | 41.7Mpps               | 802.3af/at   | 230W             | 6kV              | -10℃~+50℃           | 442 * 286 * 44.5              |
| UTP7216E-POE-L2   | 16*10/100 Base-TX PoE                        | 2*10/100/1000Base-T<br>2*1000Base-X SFP | 11.2Gbps           | 8.33Mbps               | 802.3af/at   | 270W             | 6kV              | -10℃~+50℃           | 442 * 225 * 44.5              |
| UTP7224E-POE-L2   | 24*10/100 Base-TX PoE                        | 2*10/100/1000Base-T<br>2*1000Base-X SFP | 12.8Gbps           | 9.52Mpps               | 802.3af/at   | 390W             | 6kV              | -10℃~+50℃           | 442 * 255 * 44.5              |
| UTP7516GE-POE-4GF   | 16*10/100/1000 Base-T PoE                    | 4*1000Base-X SFP                        | 40Gbps             | 29.8Mpps               | 802.3af/at   | 270W             | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| UTP7524GE-POE-4GF   | 24*10/100/1000 Base-T PoE                    | 4*1000Base-X SFP                        | 56Gbps             | 41.7Mpps               | 802.3af/at   | 390W             | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| <b>Layer 3 Management</b> ( Static Routing, RIP, OSPF, DHCP Client/Sever )                        |  |   |                    |                        |              |                  |                  |                     |                               |
| UTP7624GE-POE-P <span style="color: orange;">Fanless</span>                                       | 24*10/100/1000 Base-T PoE                    | 4*10G Base-X SFP                        | 128Gbps            | 95.2Mpps               | 802.3af/at   | 350W             | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| UTP7624GS-L3 <span style="color: orange;">Fiber Switch</span>                                     | 24*1000Base-X<br>8*10/100/1000 Base-T(Combo) | 4*10G Base-X SFP                        | 128Gbps            | 95.2Mpps               | /            | /                | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| UTP7624GE-L3  | 24*10/100/1000 Base-T                        | 4*10G Base-X SFP                        | 128Gbps            | 95.2Mpps               | /            | /                | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| UTP7624GE-POE-L3  | 24*10/100/1000 Base-T PoE                    | 4*10G Base-X SFP                        | 128Gbps            | 95.2Mpps               | 802.3af/at   | 390W             | 6kV              | -10℃~+50℃           | 442 * 320 * 44.5              |
| UTP7624GE-IE <span style="color: orange;">Industrial</span>                                       | 24*10/100/1000 Base-T                        | 4*10G Base-X SFP                        | 128Gbps            | 95.2Mpps               | /            | /                | 6kV              | -45℃~+75℃           | 442 * 320 * 44.5              |

# CCTV PoE Switch

- One key CCTV (Vlan, 250m)
- 6kV surge protection
- 8kV/15kV ESD protection
- IEEE 802.3af/at international standard
- Flat-pin RJ45 connector design



## IP Transmission

One-key  
CCTV

UTP  
Extend  
**250m**

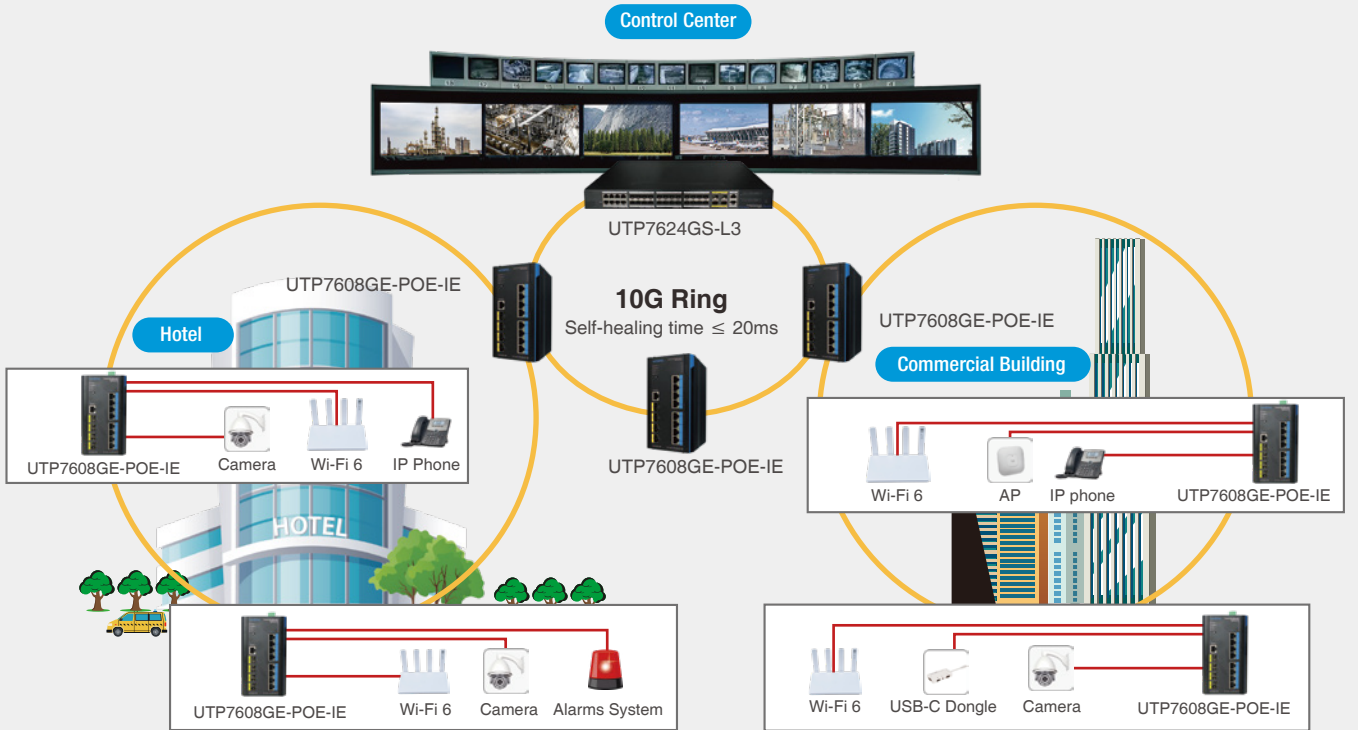
**30W**  
PoE/PoE+



Surge

| Picture<br>Model  | Downlink Ports            | Uplink Ports                                  | Switching Capacity | Packet Forwarding Rate | PoE Standard | PoE Power Output | Surge Protection | Working Temperature | Dimensions (L * W * H) / (mm) |
|---|---------------------------|---|--------------------|------------------------|--------------|------------------|------------------|---------------------|-------------------------------|
| <b>CCTV PoE Switch ( VLAN, 250m/10Mbps, IEEE802.3af/at, 6kV )</b> |                           |   |                    |                        |              |                  |                  |                     |                               |
| <b>Hot-seller</b><br>UTP3-SW0401-TP60                             | 4*10/100 Base-TX PoE      | 1*10/100Base-TX                               | 1Gbps              | 0.74Mpps               | 802.3af/at   | 60W              | 6kV              | -10℃~+55℃           | 135 * 86 * 27                 |
| <b>PoE Watchdog</b><br>UTP3-SW04-TP60                             | 4*10/100 Base-TX PoE      | 2*10/100Base-TX                               | 1.2Gbps            | 0.89Mpps               | 802.3af/at   | 60W              | 6kV              | -10℃~+55℃           | 135 * 86 * 27                 |
| <b>PoE Watchdog</b><br>UTP3-SW08-TP120                            | 8*10/100 Base-TX PoE      | 1*10/100Base-TX                               | 1.8Gbps            | 1.34Mpps               | 802.3af/at   | 120W             | 6kV              | -10℃~+55℃           | 200 * 102 * 27                |
| <br>UTP3-SW08-TP120-A1  | 8*10/100 Base-TX PoE      | 2*10/100/1000Base-T                           | 5.6Gbps            | 4.2Mpps                | 802.3af/at   | 120W             | 6kV              | -10℃~+55℃           | 200 * 102 * 27                |
| <b>Hot-seller</b><br>UTP3-GSW0401-TP60                            | 4*10/100/1000 Base-T PoE  | 1*10/100/1000Base-T                           | 10Gbps             | 7.44Mpps               | 802.3af/at   | 60W              | 6kV              | -10℃~+55℃           | 135 * 86 * 27                 |
| <br>UTP3-GSW04-TP60   | 4*10/100/1000 Base-T PoE  | 2*10/100/1000Base-T                           | 12Gbps             | 8.9Mpps                | 802.3af/at   | 60W              | 6kV              | -10℃~+45℃           | 135 * 86 * 27                 |
| <br>UTP3-GSW0802-TP120  | 8*10/100/1000 Base-T PoE  | 2*10/100/1000Base-T                           | 20Gbps             | 14Mpps                 | 802.3af/at   | 120W             | 6kV              | -10℃~+45℃           | 200 * 102 * 27                |
| <b>Hot-seller</b><br>UTP3-GSW0802-TSP120                          | 8*10/100/1000 Base-T PoE  | 1*10/100/1000Base-T<br>1*1000Base-X SFP       | 20Gbps             | 14Mpps                 | 802.3af/at   | 120W             | 6kV              | -10℃~+45℃           | 200 * 102 * 27                |
| <br>UTP1218-PSB150  | 16*10/100 Base-TX PoE     | 2*10/100/1000 Base-T                          | 7.2Gbps            | 5.4Mbps                | 802.3af/at   | 135W             | 6kV              | -5℃~+45℃            | 294 * 180 * 44                |
| <b>PoE Watchdog</b><br>UTP3218TS-PSB                              | 16*10/100 Base-TX PoE     | 2*10/100/1000Base-T<br>1*1000Base-X combo SFP | 7.2Gbps            | 5.4Mbps                | 802.3af/at   | 270W             | 6kV              | -10℃~+50℃           | 442 * 285 * 44                |
| <b>PoE Watchdog</b><br>UTP3226TS-PSB                              | 24*10/100 Base-TX PoE     | 2*10/100/1000Base-T<br>1*1000Base-X combo SFP | 8.8Gbps            | 6.5Mbps                | 802.3af/at   | 390W             | 6kV              | -10℃~+50℃           | 442 * 285 * 44                |
| <br>UTP3-GSW1604TS-P200   | 16*10/100/1000 Base-T PoE | 2*10/100/1000Base-T<br>2*1000Base-X SFP       | 40Gbps             | 29.76Mpps              | 802.3af/at   | 180W             | 6kV              | -10℃~+45℃           | 442 * 285 * 44.5              |
| <br>UTP3-GSW2404TS-P420   | 24*10/100/1000 Base-T PoE | 2*10/100/1000Base-T<br>2*1000Base-X SFP       | 56Gbps             | 41.66Mpps              | 802.3af/at   | 390W             | 6kV              | -10℃~+45℃           | 442 * 285 * 44.5              |

# 10G Uplink Solution for Smart Buildings

- Rich port & user-friendly panel for a better experience
- Fanless design
- DC redundant power supply
- Abundant L3 management function
- Support fast ring, self-healing time  $\leq 20\text{ms}$
- Support relay alarm
- Industrial grade design ( $-40\text{ }^{\circ}\text{C} \sim +75\text{ }^{\circ}\text{C}$ )
- Support 6kV surge immunity and 8kV ESD protection



| Picture  | Model              | Downlink Ports            | Uplink Ports     | Switching Capacity | Packet Forwarding Rate | PoE Standard | PoE Power Output | Surge Protection | Working Temperature  | Dimensions (L * W * H) / (mm) |
|--|--------------------|---------------------------|------------------|--------------------|------------------------|--------------|------------------|------------------|--|-------------------------------|
|  | UTEPO7608GE-POE-IE | 8*10/100/1000 Base-T PoE  | 4*10G Base-X SFP | 96Gbps             | 71.4Mpps               | 802.3af/at   | 240W             | 6kV              | $-40\text{ }^{\circ}\text{C} \sim +75\text{ }^{\circ}\text{C}$ | 163 * 110 * 95.6              |
|  | UTEPO7616GE-POE-IE | 16*10/100/1000 Base-T PoE | 4*10G Base-X SFP | 112Gbps            | 83.3Mpps               | 802.3af/at   | 360W             | 6kV              | $-40\text{ }^{\circ}\text{C} \sim +75\text{ }^{\circ}\text{C}$ | 163 * 110 * 95.6              |

# High Power PoE Solution (BT 90W)

- IEEE 802.3af/at/bt
- Support max output PoE power up to 90W
- Support total PoE power budget up to 1900W
- Support quick PoE and perpetual PoE
- L2+ management
- Support redundant power supplies (2AC / 1AC + 1DC)
- Equipped with two temperature-controlled fans



## IP Transmission

802.3bt  
End-span Mid-span  
802.3at

**90W**  
PoE++

45°C  
-5°C

1000M  
**uplink**

**L2+**  
Managed

Ring

### 90W PD Device



PTZ Camera



LED Light



Access Point



POS



Digital Signage Display



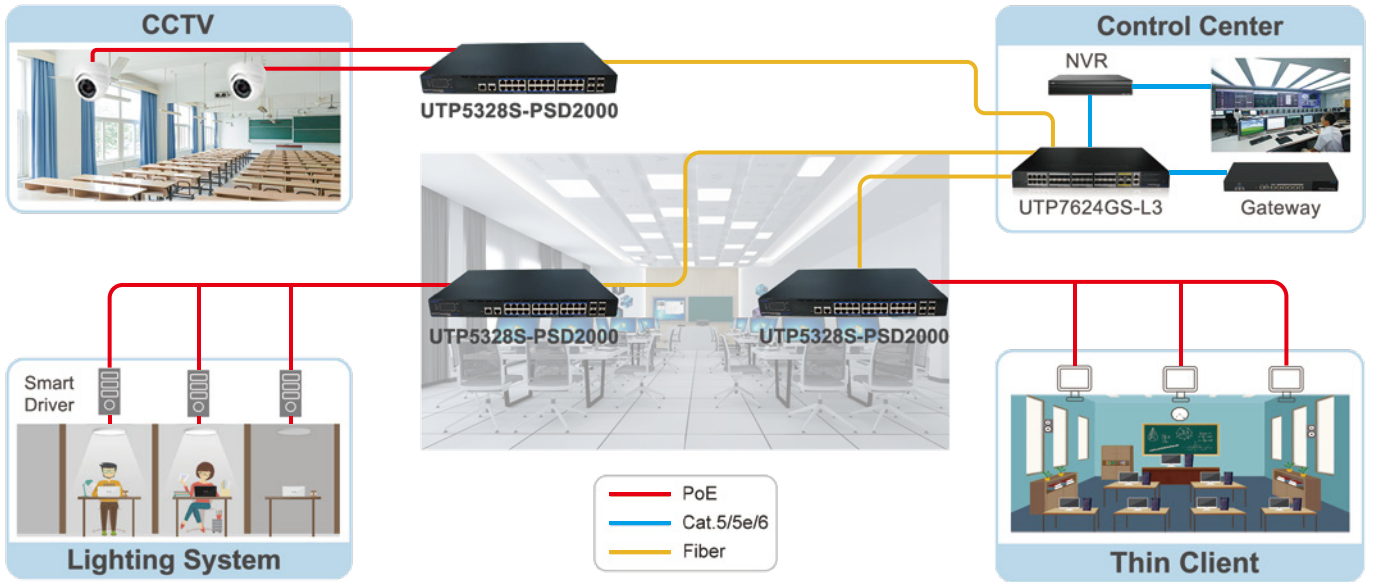
POE Powershade




Video Conference Equipment



USB-C Dongle



| Picture Model   | Downlink Ports            | Uplink Ports     | Switching Capacity | Packet Forwarding Rate | PoE Standard  | PoE Power Output | Surge Protection | Working Temperature | Dimensions (L * W * H) / (mm) |
|---|---------------------------|------------------|--------------------|------------------------|---------------|------------------|------------------|---------------------|-------------------------------|
| <b>Layer 2+ Management</b> (Perpetual PoE , Port Management, VLAN, QoS, IGMP, SNMP, PoE Management, Trunk, RSTP, RIP, OSPF, Static Routing) |                           |                  |                    |                        |               |                  |                  |                     |                               |
| <br>UTP5328S-PSD2000                                      | 24*10/100/1000 Base-T PoE | 4*1000Base-X SFP | 56Gbps             | 41.7Mpps               | 802.3af/at/bt | 1900W            | 6kV              | -5°C ~ +45°C        | 442 * 320 * 44                |

# PoE Extender PoE Injector PoE Splitter



- Conversion efficiency  $\geq 90\%$
- IEEE 802.3af/at international standard
- Network connectors adopt high-power PoE flat-pin RJ45 ports with  $30\mu$  gold-plated
- MIT rack, splicing, wall-mounted installation

## IP Transmission

Signals

PoE+ Power

Coax

Compatibility

Mid-span  
End-span

Real-time

MIT Standard

Surge

| Picture<br>Model        | Medium        | Distance | Rate            | PoE Standard  | Surge Protection | Working Temperature    | Dimensions (L * W * H) / (mm) |
|-------------------------|---------------|----------|-----------------|---------------|------------------|------------------------|-------------------------------|
| <br>UTP7301EPOC         | Coaxial Cable | 500m     | 10/100Mbps      | 802.3af/at    | 6kV              | -40°C~+75°C (IPC-unit) | 63.2 * 82 * 25                |
|                         | Cat5/5e/6     | 400m     |                 |               |                  | -10°C~+55°C (SV-unit)  |                               |
| <br>UOF7201GE           | Fiber         | 20km     | 1000Mbps        | /             | 6kV              | -40°C~+75°C            | 103 * 82 * 25                 |
| <br>UTP7201ER-POE       | Cat5/5e/6     | 200m     | 10/100Mbps      | 802.3af/at    | 6kV              | -40°C~+75°C            | 103 * 82 * 25                 |
| <br>UTP7202GR-BTPOE(90) | Cat5/5e/6     | 200m     | 10/100/1000Mbps | 802.3af/at/bt | 6kV              | -40°C~+75°C            | 193 * 75 * 38                 |
| <br>UTP3-VER01-POE      | Cat5/5e/6     | 100m     | 100Mbps         | 802.3af/at    | 6kV              | -10°C~+55°C            | 113 * 45.5 * 29               |




| Picture<br>Model    | Housing        | PoE Power                      | Rate                  | PoE Standard    | Surge Protection                       | Working Temperature | Dimensions (L * W * H) / (mm) |
|---------------------|----------------|--------------------------------|-----------------------|-----------------|--|---------------------|-------------------------------|
| <br>UTP7201GE-PSE30 | ABS Plastic    | 30W PSE                        | 10/100/1000Mbps       | 802.3af/at      | 6kV                                    | -10°C~+50°C         | 160 * 64 * 60                 |
| <br>UTP7201GE-PSE60 | ABS Plastic    | 60W PSE (Maxim)                | 10/100/1000Mbps       | 802.3af/at +60W | 6kV                                    | -10°C~+50°C         | 160 * 64 * 60                 |
| <br>UPI3301-PSD     | ABS Plastic    | Max 90W / 1m<br>Max 80W / 100m | 10/100/1000/2500 Mbps | 802.3af/at/bt   | 6kV                                    | -5°C~+45°C          | 160 * 64 * 37                 |
| <br>UTP7201GE-PSE95 | ABS Plastic    | Max 90W / 1m<br>Max 85W / 100m | 10/100/1000Mbps       | 802.3af/at/bt   | 2kV difference mode<br>4kV common mode | -10°C~+40°C         | 169 * 96.5 * 42.5             |
| <br>UTP7201GE-PD25  | Aluminum-alloy | 25W PD                         | 10/100/1000Mbps       | 802.3af/at      | 6kV                                    | -40°C~+75°C         | 82 * 63 * 25                  |











# Smart **Wireless** Bridge

- 5GHz, less interference
- Support IEEE802.11a/n/an/ac
- Support passive PoE powered or DC powered
- One-key pairing and easy installation
- Support WEB management
- Support IP65, suitable for outdoor applications

| Picture<br>Model   | Operating Frequency | Transmission Rate | Protocol         | Antenna                      | Transmission Distance          | Power                           | Operation Temperature |
|--|---------------------|-------------------|------------------|------------------------------|--------------------------------|---------------------------------|-----------------------|
| <br>CP2-300    | 2.300GHz~2.4835GHz  | 300Mbps           | IEEE802.11b/g/n  | 12dBi dual-polarized antenna | 500m<br>(Elevator Exclusivity) | Passive PoE:<br>24V or DC12V/1A | -30°C~+55°C           |
| <br>CP5-450 | 5.1GHz~5.8GHz       | 450Mbps           | IEEE802.11a/n/ac | 13dBi dual-polarized antenna | 2km                            | Passive PoE:<br>24V or DC12V/1A | -30°C~+55°C           |
| <br>CP5-900 | 5.1GHz~5.8GHz       | 900Mbps           | IEEE802.11a/n/ac | 12dBi dual-polarized antenna | 3km                            | Passive PoE:<br>24V or DC12V/1A | -30°C~+55°C           |

| Picture<br>Model              |  |  |
|-------------------------------|---|---|
| Rate                          | 10/100/1000Mbps   | 10/100Mbps  |
| Protection Lines              | 1,2,3,6; 4,5,7,8  |   |
| Voltage                       | 48V   |   |
| Max.Discharge (8/20us)        | 5KA   |   |
| Operating Temperature         | -40°C~+75°C   |   |
| Operating Humidity            | 0~95%(non-condensation)   |   |
| Dimensions (L x W x H) / (mm) | 100 * 37 * 27   |   |

| Picture<br>Model      |  |  |  | <br>SFP-10G-20KM-RX |
|-----------------------|---|--|---|--|
| Rate                  | 155Mbps   | 1.25Gbps   | 10Gbps  |  |
| Fiber Connector       | LC  |  |   |  |
| Fiber Type            | Single-mode & Multi-mode  |  |   |  |
| Transmission Distance | Single-mode:20km Multi-mode:500m  |  | Single-mode:20km Multi-mode:300m  |  |
| Wave length (nm)      | 1310  |  |   | TX:1270 T/1330 R<br>RX:1330 T/1270 R   |
| Optical Output Power  | -15dBm ~ -3dBm  | -8dBm ~ -3dBm  | -8dBm ~ 0.5dBm  |  |
| Receiver Sensitivity  | -34dBm  | -24dBm   | -12.5dBm  |  |



[www.utepo.net](http://www.utepo.net)



Facebook

JUST MAKE IT SIMPLE

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