

Product Datasheet

Single Port Gigabit Ultra-high Power PoE Injector

(PSE3401G)



OVERVIEW

PSE3401G is an unmanaged ultra-high power PoE injector. It has a 1*10/100/1000M RJ45 port and supports IEEE802.3bt ultra-high power. Single-port PoE power up to 60W, and the maximum PoE output power is 65W. It is backward compatible with the IEEE802.3af/at PoE standard. As a PoE power supply device, it can automatically detect and identify the power receiving device that meets the standard and supply power to it through the network cable. It can supply power to POE terminal equipment such as wireless AP, network camera, VoIP, video door intercom, etc. through the network cable, to meet the network environment that requires a high-density PoE power supply, suitable for hotels, campuses, parks, attractions, supermarkets, and factories Dormitories and small and medium-sized enterprises form a cost-effective network.

Unmanaged models, plug-and-play, no configuration, simple and convenient to use; PoE injector provides simple, economic, high-performance, intelligent Ethernet PoE power supply and data communication solutions. It is easy to use, easy to install, superior in performance, and cost-effective. It is an ideal choice for customers to improve project quality. It can expand the

traditional power line network, reduce the use of power lines, and effectively reduce the construction cost and maintenance cost of the project under the condition that the power supply cannot be provided at the remote end.

FEATURE

■ 1 in 1 out of the Ethernet port arrangement, easy to connect

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Using 1 in 1 out (down in and up out) connection mode, 1*10/100/1000Mbps RJ45 port, convenient connection, and simple maintenance.

■ Smart PoE power supply function

- ◇ 1*10/100/1000Base-T RJ45 port supports bt PoE, meeting the needs of ultra-high power PoE power supply in various scenarios.
- ◇ The maximum output power of single-port POE is 60W, and backward compatible with the IEEE802.3af/at PoE standard. It automatically recognizes PoE devices for power supply without damaging non-PoE devices.

■ Stable and reliable

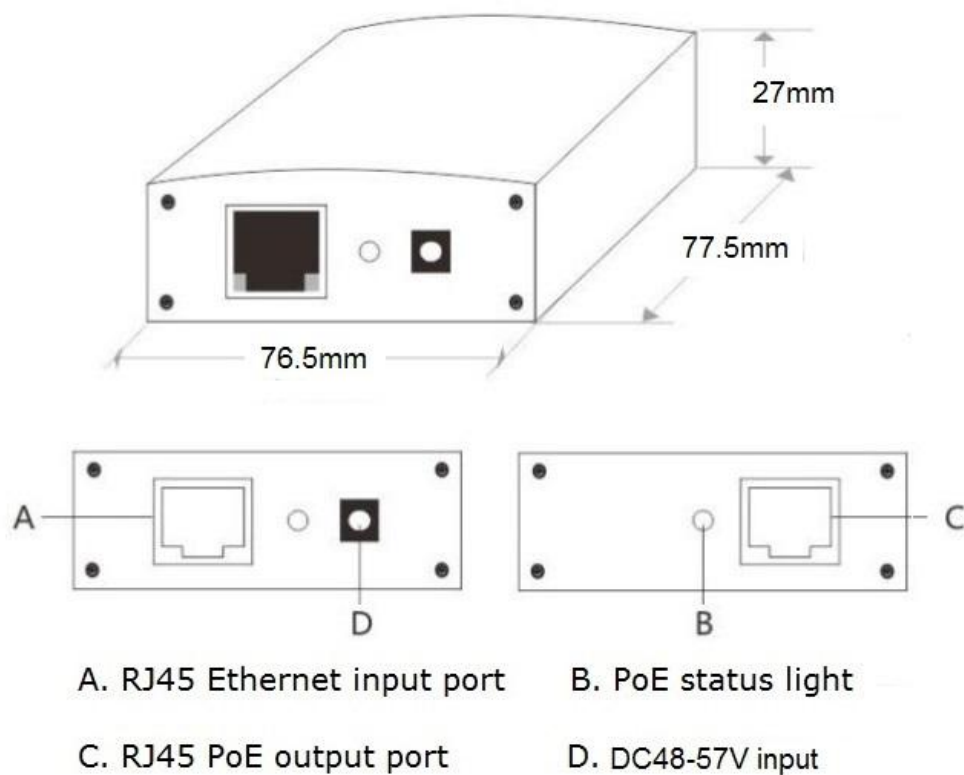
- ◇ CCC,CE, FCC, RoHS.
- ◇ Support desktop and wall-mounted installation.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, PoE.
- ◇ Low power consumption, silent fan active heat dissipation design, metal casing to ensure stable operation of the equipment.

TECHNICAL SPECIFICATION

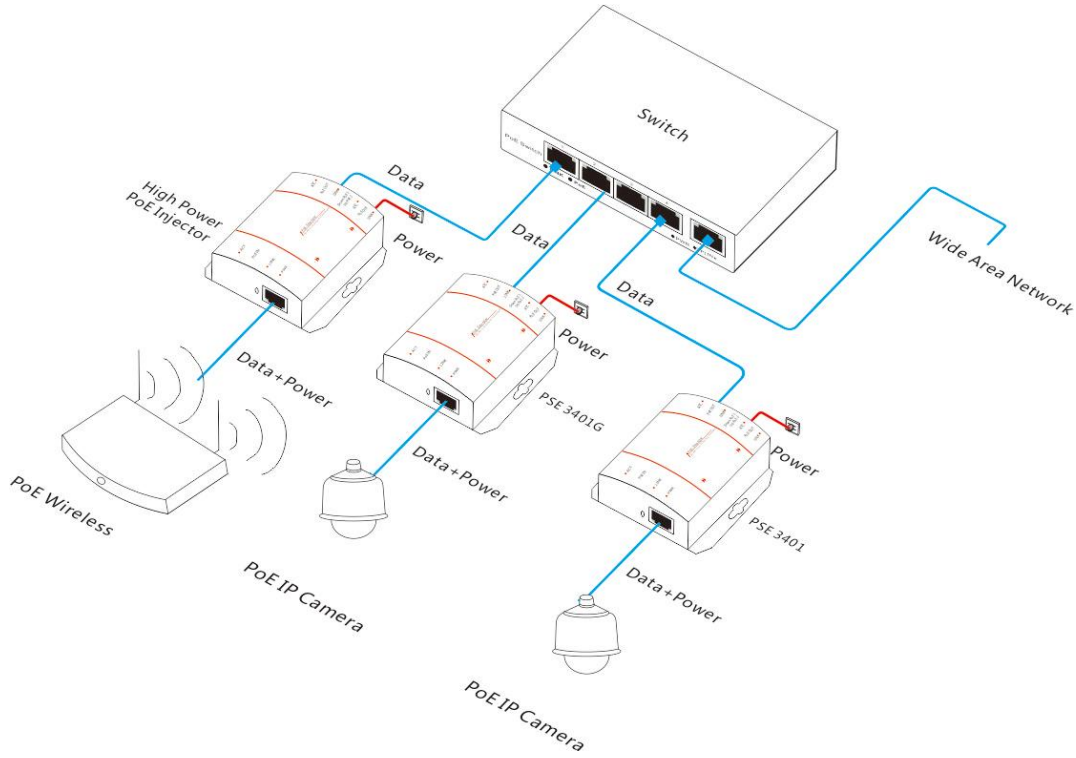
| Model | PSE3401G |
|---------------------------------------|--|
| Interface Characteristics | |
| Fixed Port | 1*10/100/1000M bt PoE port (Data/Power) 1*10/100/1000M uplink RJ45 port (Data) |
| Ethernet Port | 10/100/1000Base-T(X) auto-sensing,full/half duplex MDI/MDI-X self-adaption |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-T: Cat5e or later UTP(≤100 meters) |
| Network Protocol and Indicator | |
| Network Protocol | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX IEEE802.3u 1000Base-T, IEEE802.3z 1000Base-X,IEEE802.3x |
| LED Indicator | Power: PWR (Green), PoE: PoE (Green) |
| PoE & Power Supply | |
| PoE Port | Port 1 support bt POE and is backward compatible with IEEE802.3af/at @POE |
| Power Supply Pin | 1/2 (+)3/6 (-) 4/5 (+)7/8 (-) |
| Max Power Per Port | 60W, IEEE802.3af/at/bt |
| Total PWR / Input Voltage | 65W /52VDC |
| Power Consumption | Standby<3W, Full Load<60W |
| Power Supply | External power adapter, DC input voltage: DC48-57V |
| Physical Parameter | |
| Operation TEMP / Humidity | -20~+55°C, 5%~90% RH Non condensing |
| Storage TEMP / | -40~+80°C, 5%~95% RH Non condensing |

| | |
|-------------------------------------|--|
| Humidity | |
| Dimension (L*W*H) | 77.5*76.5*27mm |
| Net /Gross Weight | <0.12kg /<0.2kg |
| Installation | Desktop, Wall-mounted |
| Certification & Warranty | |
| Lightning Protection | Lightning protection: 4KV 8/20us, Protection level: IP30 |
| Certification | CCC,CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS |
| Warranty | 1 year, lifelong maintenance. |

DIMENSION



APPLICATION



ORDERING INFORMATION

| Model | Description | Power Adapter |
|----------|--|---------------|
| PSE3401G | Single port gigabit ultra-high power PoE injector can support bt PoE and is backward compatible with IEEE802.3af/at PoE standard. Single-port PoE power is 60W, the maximum PoE output power of the device is 65W. The uplink RJ45 port support PoE output and the downlink RJ45 port supports network connection. | 65W |

PACKING LIST

| Packing List | Content | Qty | Unit |
|--------------|---|-----|------|
| | Single port gigabit ultra-high power PoE injector | 1 | SET |
| | User Guide | 1 | PC |
| | Warranty Card | 1 | PC |

RELATED PRODUCT

| Model | Description |
|----------|---|
| PSE3501G | Single port gigabit ultra-high power PoE injector support bt PoE and is backward compatible with IEEE802.3af/at PoE standard. Single-port PoE power is 95W, the maximum PoE output power of the device is 110W. The uplink RJ45 port support PoE output and the downlink RJ45 port supports network connection. supporting desktop and wall-mounted installation. |