

Wide Temperature Multi Gigabit 40W PoE++ Injector



PT-PSE104GB-60

Product Overview

PT-PSE104GB-60 is a single port PoE Injector. It provides 55Vdc, 0.72A (1.1A) power for remote PDs over full 4 pairs output. It supports 10/100/1000Mbps of data speed.

It works for 40W (60W) PoE PDs, such as wireless APs, Network cameras, IP Phones and other high power Ethernet terminals. It fully complies to IEEE802.3af/at/bt standard (known as PoE++).

PT-PSE104GB-60 is designed for indoor use. It works with input voltage of 100-240Vac. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.



Product Profile

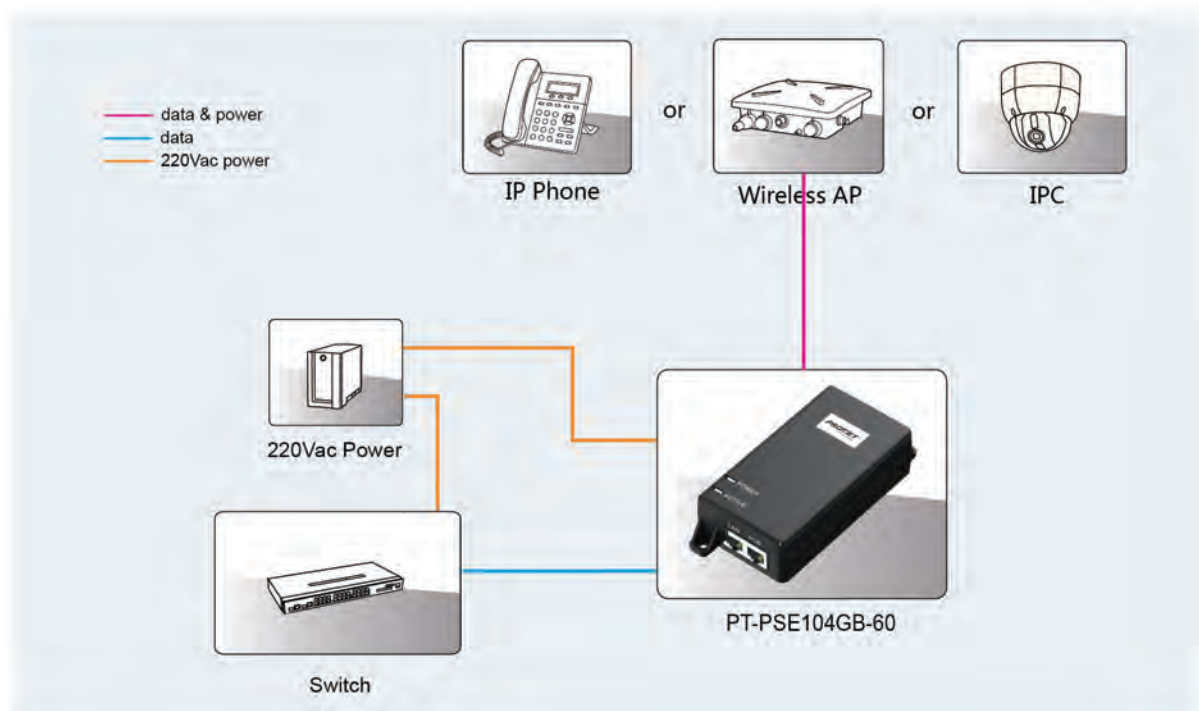


1. Power Indicator
2. PoE Load Indicator
3. LAN: Data Input Port



4. PoE: Data & Power Output Port
6. AC Power Input Port
- 5,7. Mounting Hole

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at/bt (PoE++)
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 1.5A 50/60Hz (socket IEC-320-C13)
- Output: 55Vdc 720mA (or 1100mA if temp < +40 °C)
- Power Pins: 4/5(+), 7/8(-) & 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps(Gigabit)

Working Environment

- Operating Temperature: -40 °C to +65 °C (up to 40W)
-40 °C to +40 °C (up to 60W)
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40 °C to 85 °C
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

AC Surge Protection

- 1.0KV (5P/5N)
- L-N 1.2/50 (8/20) Tr/Th us - 2.0KV(5P/5N)
- L-PE 1.2/50(8/20) Tr/Th us
- N-PE 1.2/50(8/20) Tr/Th us

Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 145.51mm X 65.8mm X 33.5mm
- Weight: 255g

Safety Approvals

- cUL/UL
- FCC
- CE(Per IEC 62368-1)

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

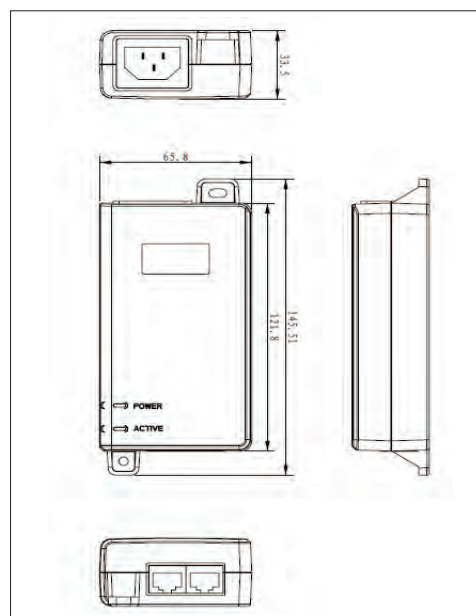
- IEC61000-4-2(ESD) $\pm 6kV$ (contact), $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2kV$; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$, $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

- IEC60068-2-6(Vibration)
- IEC60068-2-27(Impact)
- IEC60068-2-32(Free Fall)

LED Indicator

- Power Indicator: Green
- Active Indicator: Blue



Order Info. PT-PSE104GB-60

55Vdc/1.1A/1G/(4,5+,7,8-) and (3,6+,1,2-)/Active

Packing.

PT-PSE104GB-60
Power Cord x 1 (European Schuko CEE 7/7 to IEC 320 C13)