



Outdoor 1-port 160W PoE Injector

PT-PSE108GXR-OT

Product Overview

PT-PSE108GXR-OT is a single port PoE Injector with waterproof metal casing. It has sealing gasket inside which passed extension, bearing, corrosion, aging test. It provides 53Vdc, 3.0A power for remote PDs over full 4 pairs output with 6KV (10/700us) surge protection. It supports 10/100/1000Mbps of data speed. It works for 160W PoE PDs, such as wireless APs, network camera, VoIP phone, base stations, and other high power Ethernet terminals.

It supports terminal equipment with IEEE802.3af/at PoE ++ standard.

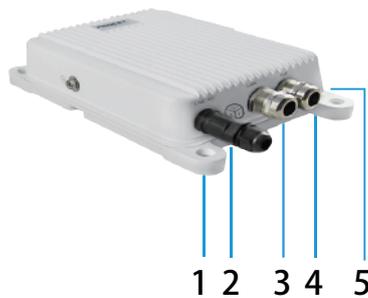
PT-PSE108GXR-OT is designed for outdoor using, which works with 100-240Vac input and operates under -40°C to +65°C full loading.

The effective distance is 100 meters over Cat6 cables. It is specially suitable for working in complex power. It is easy to install with installation kit PT-POT-MBK, no need to open equipment.

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

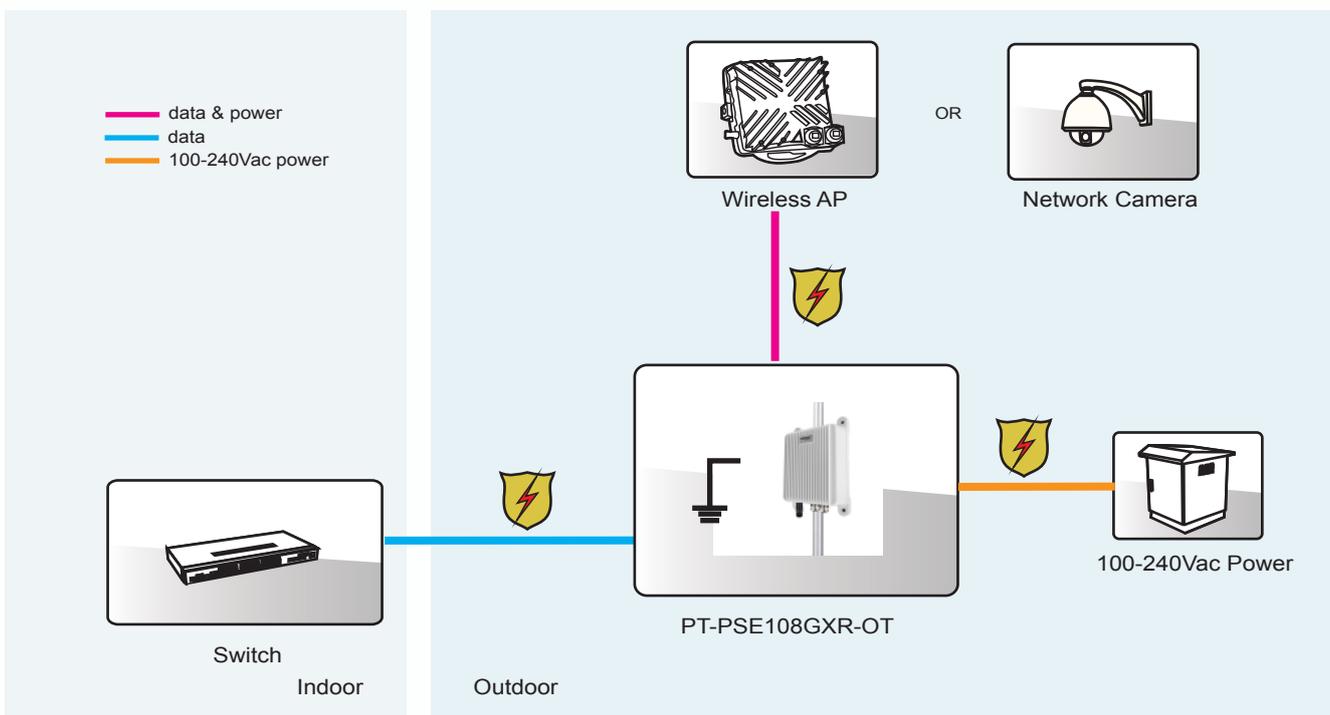


- 1. AC Input Port
- 2. AC Input Port
- 3. LAN Data Input Port
- 4. Data&Power Output Port
- 5. Data&Power Output Port



- 6. Earth
- 7. Earth
- 8. Earth
- 1,5,6,7. Install Hole

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support terminal equipment with IEEE802.3af/at, PoE++
- RoHS Compliance
- WEEE Compliance
- Protection Level: IP67, IEC60529, NEMA 250

Input & Output

- Input :100-240Vac 3.0A 50/60Hz
- Output: 53Vdc 3000mA
- Power Pins: 4/5(+), 7/8(-) and 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40°C to 65°C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40°C to 85°C
- Storage Humidity: 10% to 95%, non-condensation
- Operating Altitude: up to 5000meters

AC Surge Protection

- Common mode surge protection(10/700us): 6KV
- Differential mode surge protection (10/700us): 1.5KV

PoE Surge Protection

- Protected line: 1,2,3,4,5,6,7,8
- Common mode surge protection(10/700us): 6KV
- Differential mode surge protection (10/700us): 1.5KV

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

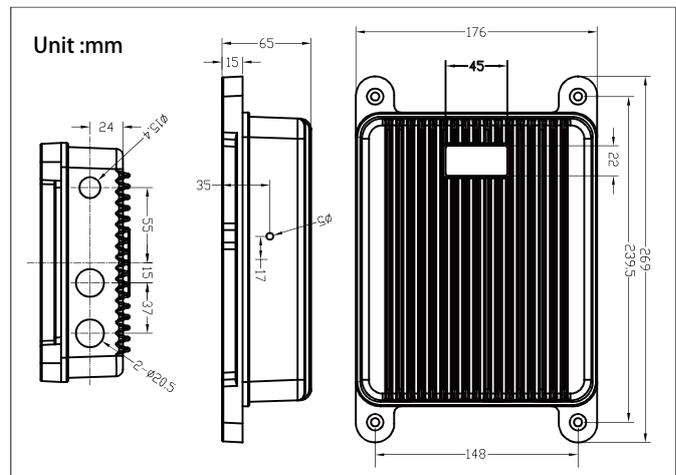
- IEC61000-4-2(ESD) $\pm 6kV$ (contact), $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2kV$; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$, $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

Mechanical Characteristics

- Case: Metal
- Color: White
- Mounting: Pole-mounted
- IP Rated: IP67
- Size: 176mm X 269mm X 65mm
- Weight: 1.9kg



Order Info. PT-PSE108GXR-OT 53Vdc/160W/1000Mbps/(4,5+,7,8-) and (3,6+ , 1,2-)/Surge Protection/Passive

Packing PT-PSE108GXR-OT
Manual x 1

Option PT-POT-MBK Outdoor installation Kit