



Wide-temperature 75W Gigabit PoE Injector

PT-PSE107GHOR Ver2.0

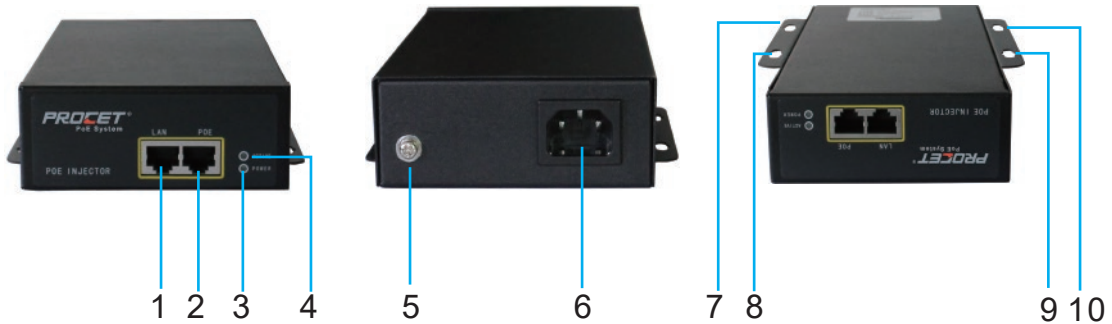
Product Overview

PT-PSE107GHOR Ver2.0 is a single port PoE Injector with wide temperature. It provides 55Vdc, 1.36A 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 75W PoE PDs, such as wireless APs, base stations, high power cameras, door locks, displays, POS, information kiosks and other high power Ethernet terminals. It is also compatible and safe to use with any IEEE802.3af/at, PoE++ compliant terminals.

PT-PSE107GHOR Ver2.0 is designed for indoor use but can work outdoor by covered with waterproof case. It works with 100-240Vac input and operates under -40°C to +65°C full loading. It has detection chip inside, which will detect and classify PD before powering it. It will not provide power until a standard compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables. It is specially suitable for working in complex power situations.



Product Profile

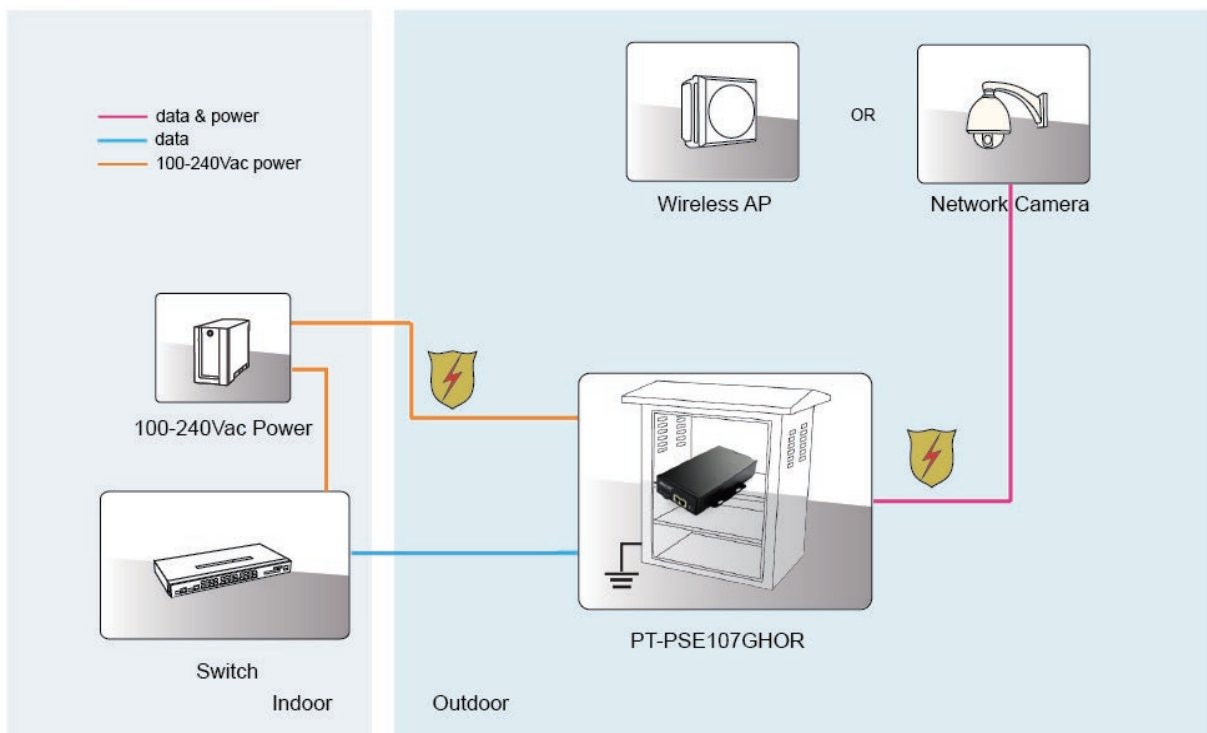


- 1. LAN: Data Input Port
- 2. PoE: Data & Power Output Port
- 3. Power Indicator

- 4. PoE Load Indicator
- 5. Earth
- 6. AC Power Input

- 7,8. Mounting Hole
- 9,10. 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, PoE++
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 1360mA
- Power Pins: 4/5(+), 7/8(-) and 3/6(+),1/2(-)
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40℃ to 65℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40℃ to 85℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

AC Surge Protection

- Line-Earth 1.2/50us (8/20us): 2KV
- Line-Line 1.2/50us (8/20us): 1KV

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

Mechanical Characteristics

- Case: Metal
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP20
- Size: 204mm X 130mm X 41mm
- Weight: 737g

Safety Approvals

- CE
- FCC

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

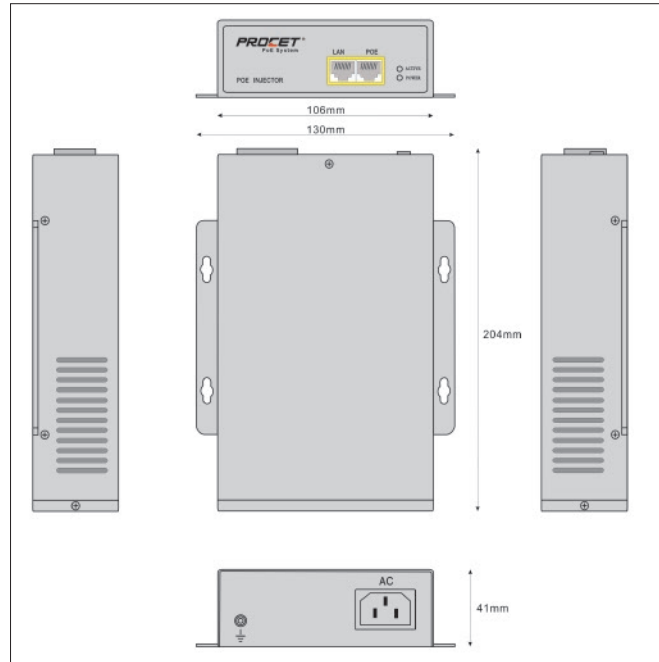
- IEC61000-4-2(ESD) $\pm 6kV$ (contact), $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2kV$; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$, $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

LED Indicator

- Power Indicator: Green
- PoE Load Indicator: Green



Order Info.

PT-PSE107GHOR Ver2.0 5Vdc/1.36A/1000Mbps/(4,5+,7,8-) and (3,6+,1,2-)/Surge Protection/Active

Packing

PT-PSE107GHOR Ver2.0 x 1
Power Cord x 1 (Optional)
Operation Manual x 1



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