



**PT-PSE100GF**

**802.3AF PoE Injector**

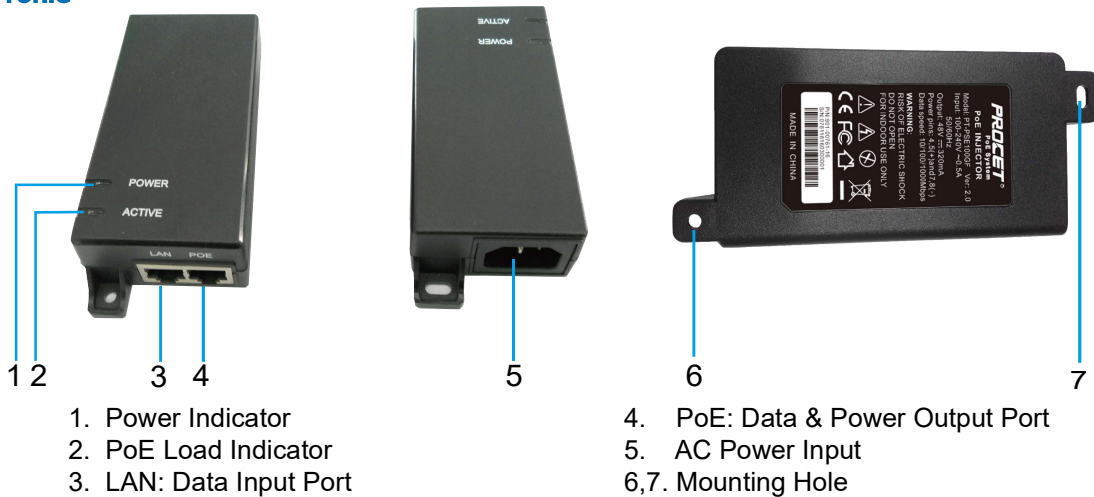
**Product Overview**

PT-PSE100GF is a single-port PoE Injector. It provides 48Vdc, 0.32A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 15.4W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals. It fully complies to IEEE802.3af PoE standard.

PT-PSE100GF 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 provide power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.



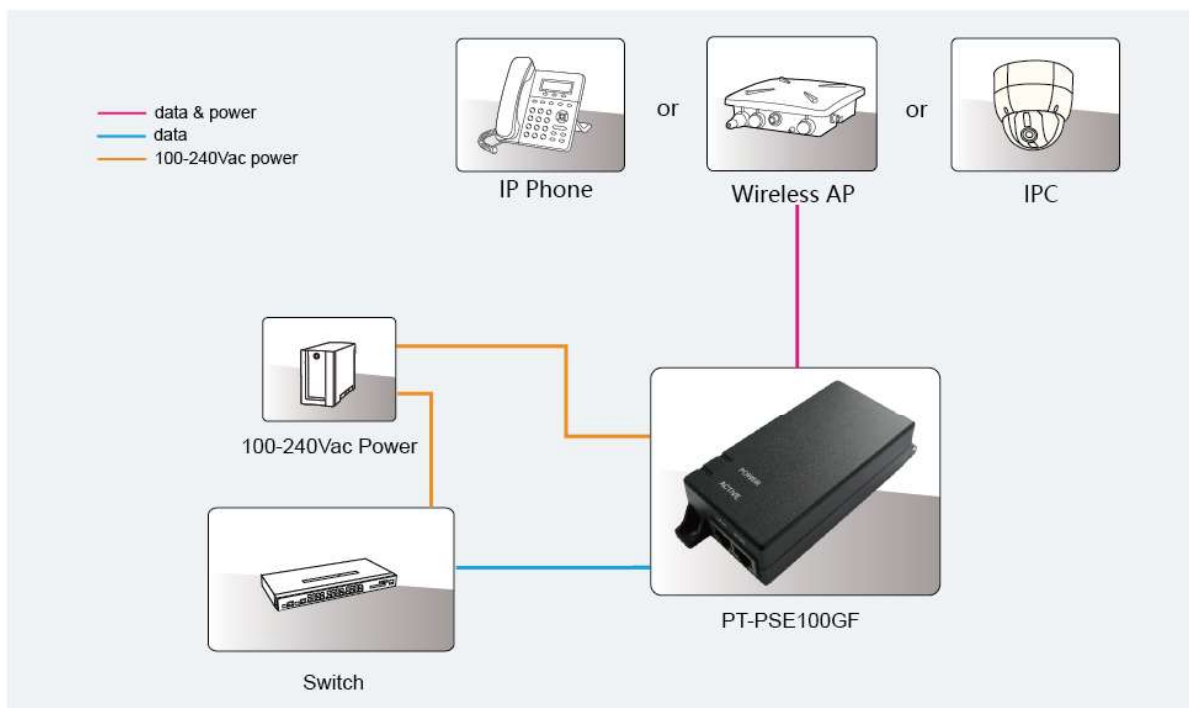
**Product Profile**



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

- 4. PoE: Data & Power Output Port
- 5. AC Power Input
- 6,7. 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
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :100-240Vac 0.5A 50/60Hz
- Output: 48Vdc 320mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000Mbps

### Working Environment

- Operating Temperature: 0℃ to 40℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000meters

### AC Surge Protection

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

### Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 134mm X 56mm X 33mm
- Weight: 175g

### Safety Approvals

- CE
- FCC

### EMI

- FCC CFR47 Part 15, EN55024, EN55032

### EMS

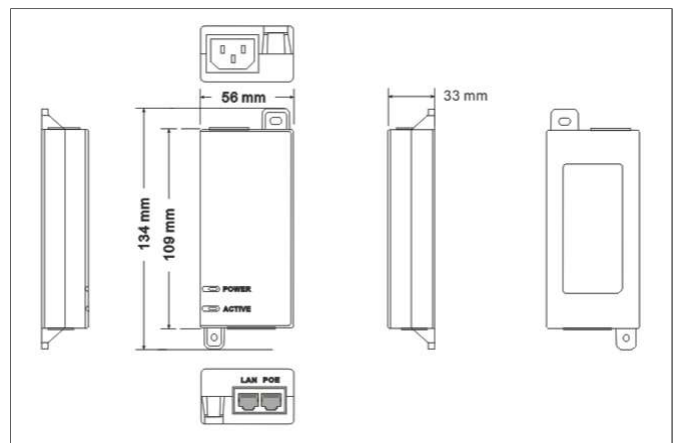
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### 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-PSE100GF

48Vdc/0.32A/1000Mbps/(4,5+,7,8-)/Active

**Packing.** PT-PSE100GF  
Power Cord x 1 (Optional)  
Manual x 1



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