



## 802.3AT SFP Fiber PoE Converter

**PT-PSE110G-S**

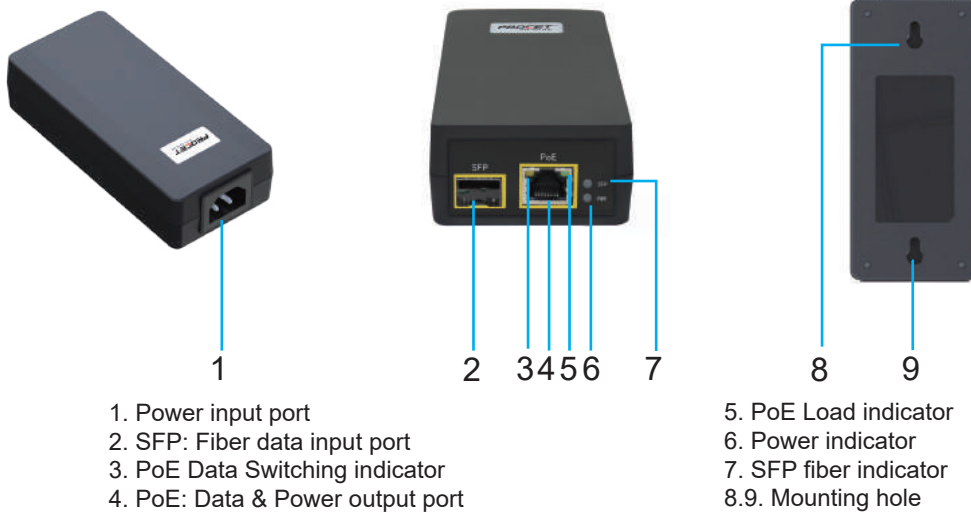
### Product Overview

PT-PSE110G-S is a single-port PoE Injector/Converter, which has a flexible SFP transceiver ports for uplink. It provides 55Vdc, 0.55A power for remote PDs over 2 pairs output. It supports 1000Mbps(Gigabit) of data rate. It works for 30W PoE PDs, such as wireless access points, network cameras, Voip phones and other PoE+ Ethernet terminals. It is compliant with IEEE802.3at and also compatible and safe to use with any IEEE802.3af compliant terminals.

PT-PSE110G-S 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. It has two mounting hole on the back, can be easily hung on the wall.

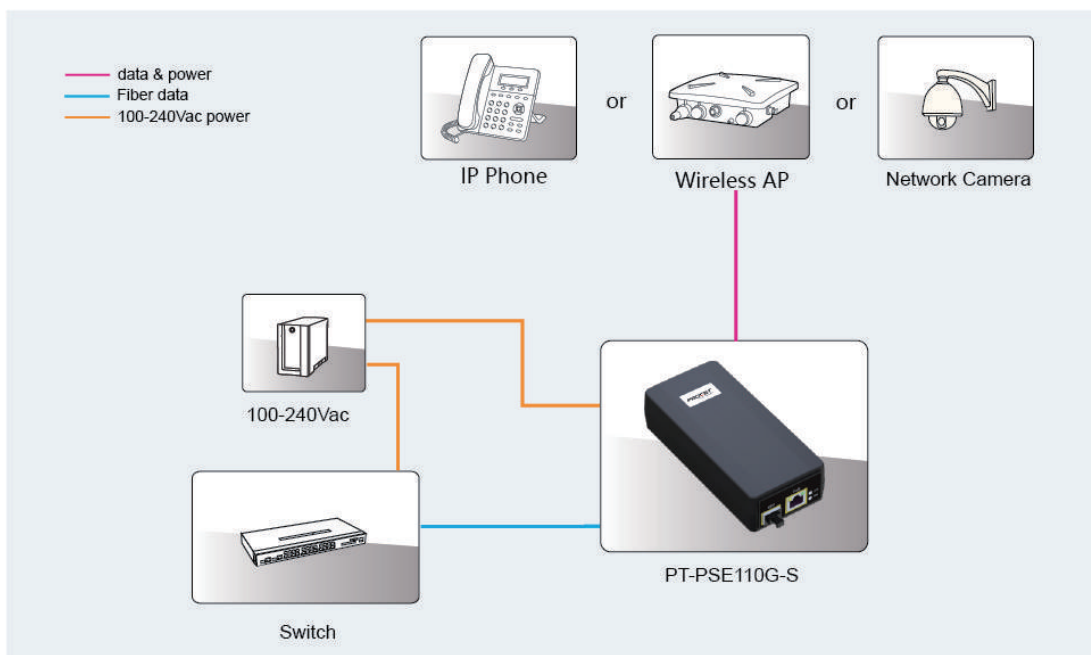


### Product Profile



- 1. Power input port
- 2. SFP: Fiber data input port
- 3. PoE Data Switching indicator
- 4. PoE: Data & Power output port
- 5. PoE Load indicator
- 6. Power indicator
- 7. SFP fiber indicator
- 8.9. Mounting hole

### Product Working Diagram



## Specification

### Standard

- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :100-240Vac 1.0A 50/60Hz
- Output: 55Vdc 550mA
- Power Pins: 3/6(+),1/2(-)
- 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: 146mm X 67mm X 36.5mm
- Weight: 245g

## Safety Approvals

- CE

### EMI

- FCC CFR47 Part 15, EN55032, EN55035

### EMS

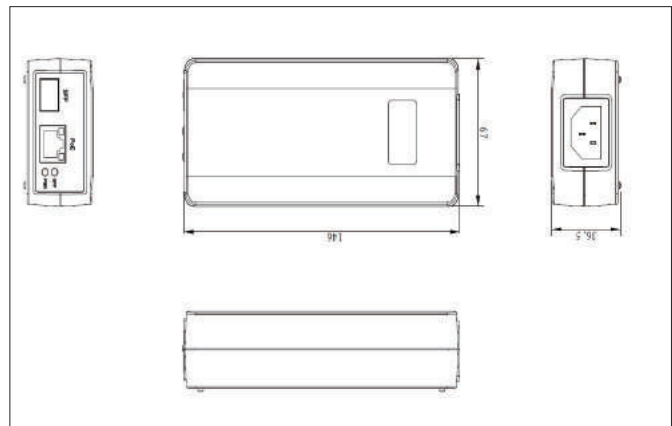
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### Immunity

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

### LED Indicator

- Power Indicator : Green
- PoE Load Indicator : Green
- SFP Fiber Indicator: Green
- PoE Data Switching Indicator: Yellow



**Order Info.** PT-PSE110G-S

55Vdc/0.55A/1000Mbps/3/6(+),1/2(-) /Fiber PoE/Active

**Packing** PT-PSE110G-S  
Power cord x 1(Optional)  
Manual x 1



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