



## 60W SFP PoE Injector

## PT-PSE106GBR-S

### Product Overview

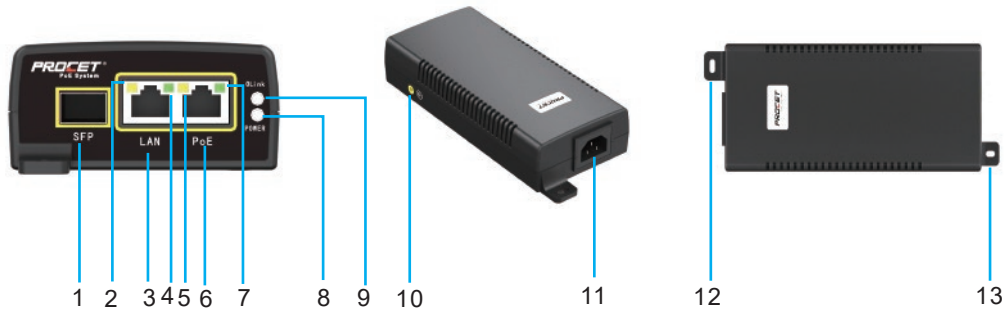
PT-PSE106GBR-S is a single-port PoE Injector with SFP fiber connection port. It is specially designed for complex backhaul and networking applications. It provides 55Vdc, 1.1A power for remote PDs over full 4 pairs output with lightning surge protection. It supports 1000Mbps(Gigabit) device. The PoE output port support IEEE802.3af/at, PoE++ standard making it compatible with PoE, PoE+, PoE++ devices, such as wireless APs, IP cameras, VoIP phones, base stations, door locks, displays, POS, information kiosks and other high-power Ethernet backhaul devices.

PT-PSE106GBR-S is designed for indoor use. It works with wide input 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 100M over Cat5e/Cat6 cables.

It works like a switch, data is interoperable among LAN port, PoE port and SFP port.

It is easy to install with 2 mounting holes.

### Product Profile

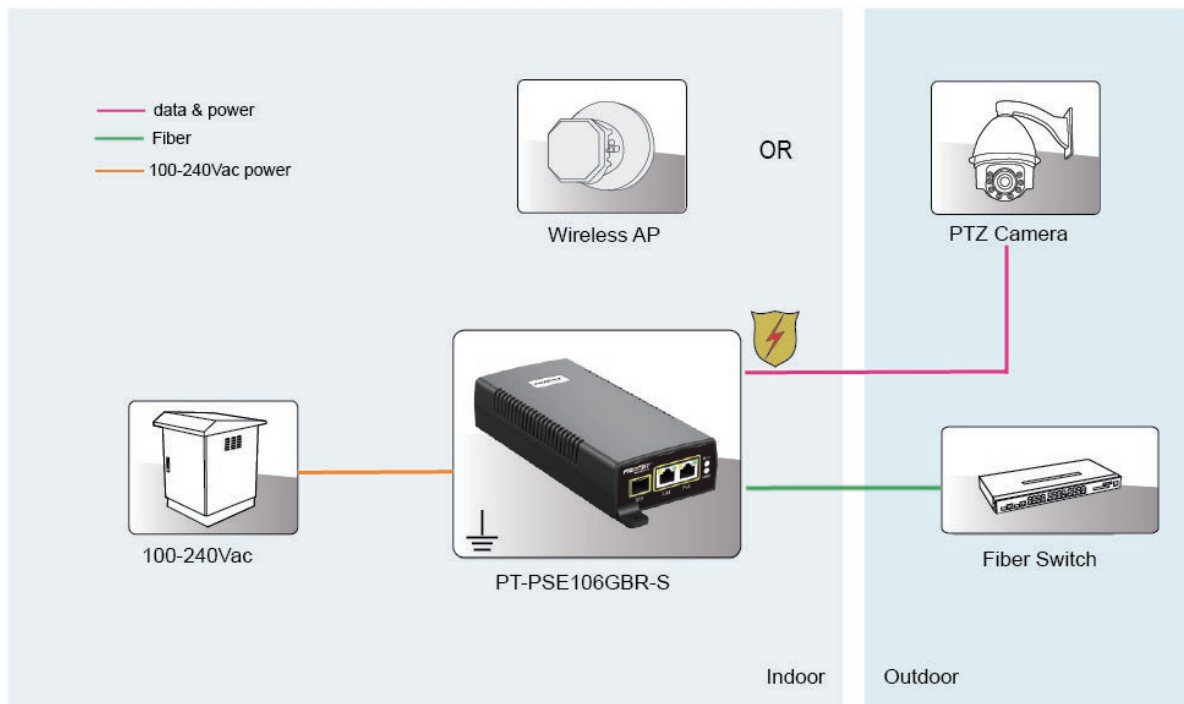


1. SFP: Fiber data input port
2. LAN data indicator
3. LAN: Data input port
4. Unused

5. PoE data indicator
6. PoE: Data&Power output port
7. PoE Load indicator
8. Power indicator

9. SFP fiber indicator
10. Earth
11. AC input port
- 12,13. mounting hole

### Product Working Diagram



## Specification

### Standard

- 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 1100mA
- Power Pins: 4/5(+), 7/8(-) and 3/6(+),1/2(-)
- Data Speed: 10/100/1000BASE-T RJ45 Interfaces  
1000BASE-X SFP Interfaces

### Working Environment

- Operating Temperature: -40 C to +55 C
- Operating Humidity: 20% to 90%, non-condensation
- Storage Temperature: -40 C to +85 C
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

### LED Indicator

- Power indicator: Green
- Load active Indicator: Green
- SFP fiber indicator: Green
- LAN data indicator: Yellow
- PoE data indicator: Yellow

### AC Surge Protection

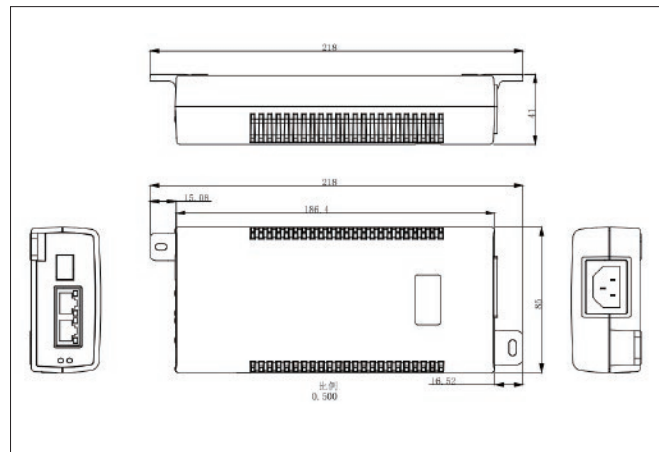
- Line-Earth 1.2/50us (8/20us): 2KV
- Line-Line 1.2/50us (8/20us): 1KV

### 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: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 218mm X 85mm X 41mm
- Weight: 480g



### Order Info.

PT-PSE106GBR-S 55Vdc/1.1A/1000Mbps/(4,5+,7,8-) and (3,6+,1,2-)/Surge Protection/Active

### Packing

PT-PSE106GBR-S x 1  
Power Cord x 1 (Optional)  
Operation Manual x 1