



## 60W SFP PoE++ Injector

**PT-PSE106GBR-A-S**

### Product Overview

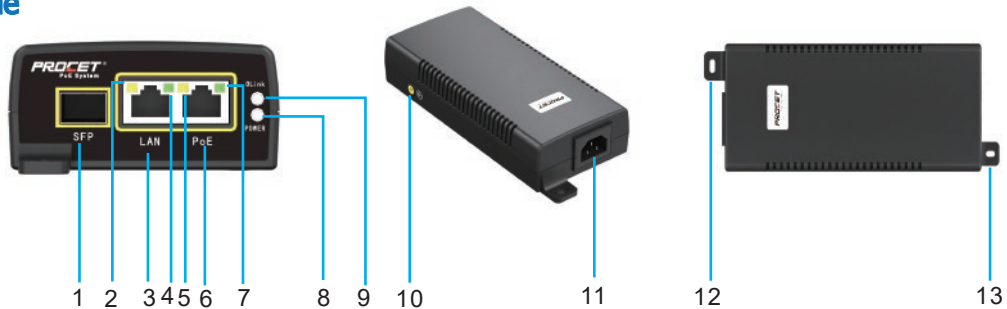
PT-PSE106GBR-A-S is an indoor media converter with PoE functionality which can be used as PoE midspan Injector offers a unique solution to powering long range installations, where the data input comes over fiber, such as special scenarios, like highway side, exurb applications. Enclosed in an IP40 fire retardant plastic case. It also has a LAN data port can be regard as Redundancy of Data input. Equipped with Chipset inside, data is interoperable among LAN port, PoE port and SFP port.

There are wall mounting tabs on either end of it

After negotiating 802.3af/at/PoE++ standard PoE, the single PoE output port delivers 55Vdc, 1.1A up to 60W power with 6KV surge protection for remote PDs over 4 Pair at 10/100/1000Mbps data rates. Low power devices receive only the power they need. It works with a wide input voltage of 100-240Vac with 6KV surge protection. It fully complies with PoE++ and remains compatible with any IEEE802.3af/at compliant devices, such as IP Cameras, wireless APs, Microwave radio, IoT application, door locks, displays, POS, and information kiosks.

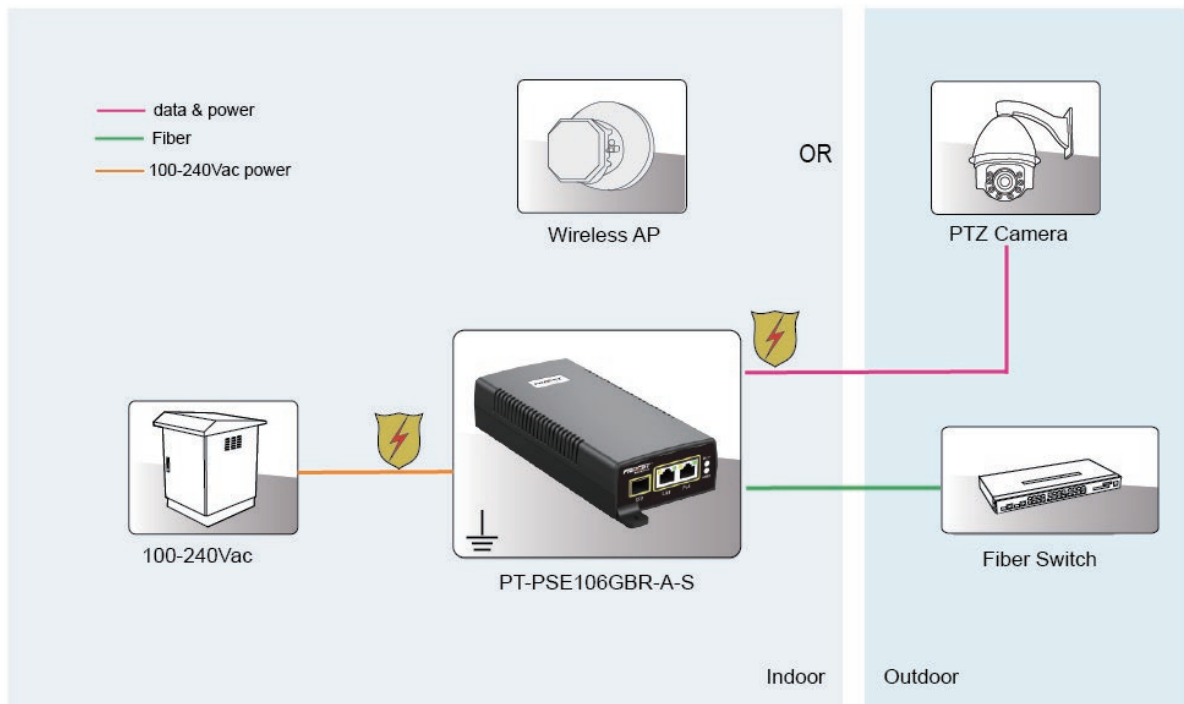


### Product Profile



- |                               |                                |                        |
|-------------------------------|--------------------------------|------------------------|
| 1. SFP: Fiber data input port | 5. PoE data indicator          | 9. SFP fiber indicator |
| 2. LAN data indicator         | 6. PoE: Data&Power output port | 10. Earth              |
| 3. LAN: Data input port       | 7. PoE Load indicator          | 11. AC input port      |
| 4. Unused                     | 8. Power indicator             | 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 5000 meters

### LED Indicator

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

### Safety Approvals

- |            |            |          |        |
|------------|------------|----------|--------|
| - cUL/UL   | - CE       | - FCC    | - PSE  |
| - KC       | - SAA      | - ST     | - LOA  |
| - RCM      | - PSB      | - CCC    | - BIS  |
| - NOM      | - EAC      | - Ukrain | - BSMI |
| - CB 62368 | - CB 60950 |          |        |

### AC Surge Protection

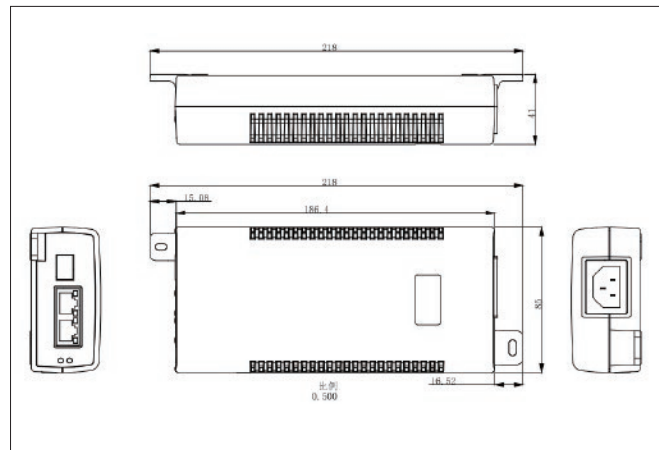
- Line-Earth 1.2/50us (8/20us): 6KV
- Line-Line 1.2/50us (8/20us): 4KV

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

### Packing

PT-PSE106GBR-A-S x 1  
Power Cord x 1 (Optional)  
GND WIRE 16AWG x 1  
Operation Manual x 1