



PT-PSE106GBR-AH-S

60W SFP PoE Injector

Product Overview

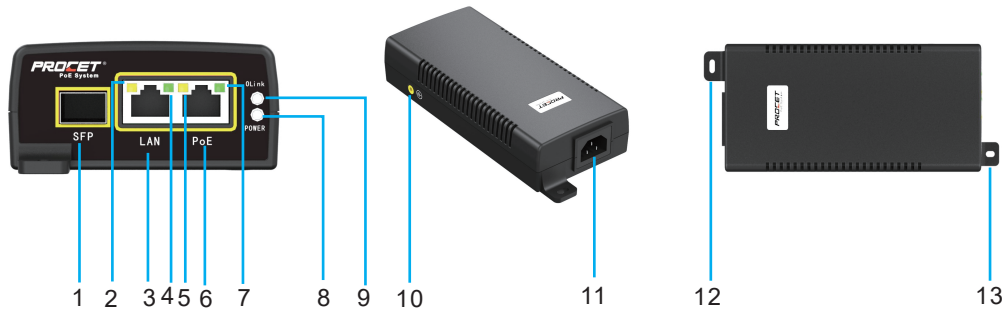
PT-PSE106GBR-AH-S is a single-port PoE Injector with SFP fiber connection port. It is specially designed for complex backhaul and networking applications. It provides 55Vdc, 1.1A power for remote PDs over full 4 pair output with lightning surge protection. It supports 1000Mbps(Gigabit) device. The PoE 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-AH-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.

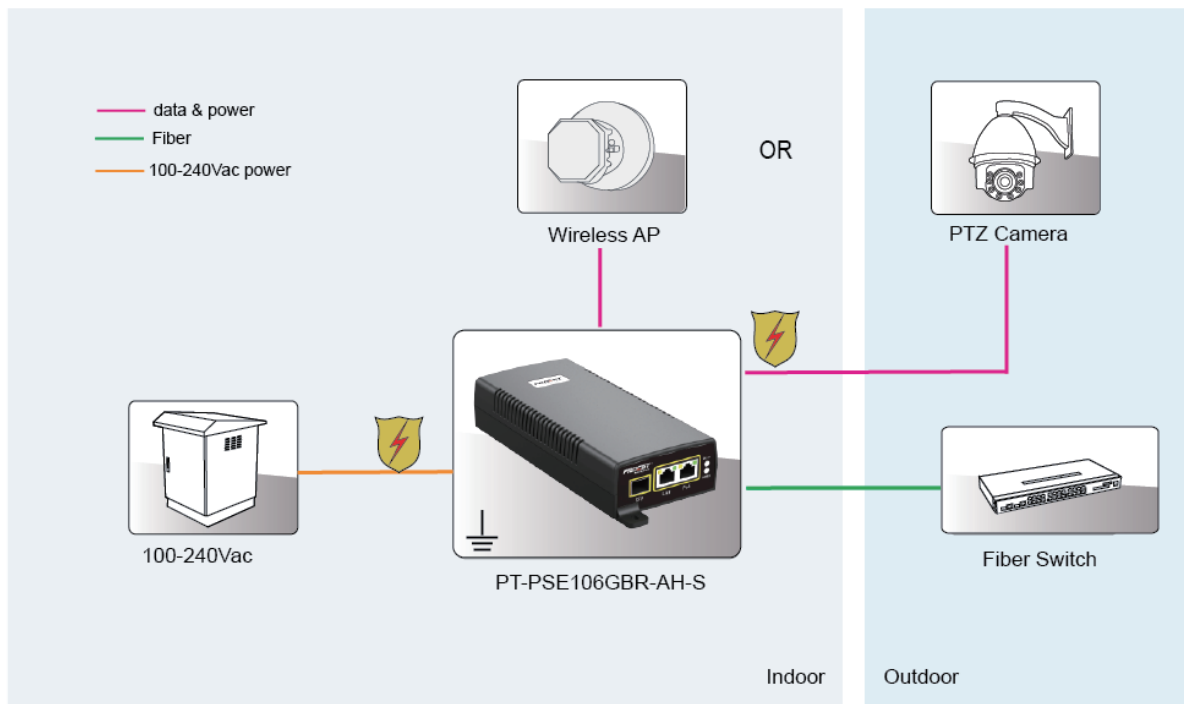
It is easy to install with 2 mounting holes.

Product Profile



- | | | |
|-------------------------------|--------------------------------|------------------------|
| 1. SFP: Fiber data input port | 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℃ to +55℃
- Operating Humidity: 20% to 90%, non-condensation
- Storage Temperature: -40℃ to +85℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 10,000 ft

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 | - CM |
| - RCM | - PSB | - CCC | - LOA |
| - NOM | - SII | - Ukrain | - CB |
| - BSMI | - EAC | - BIS | |

AC Surge Protection

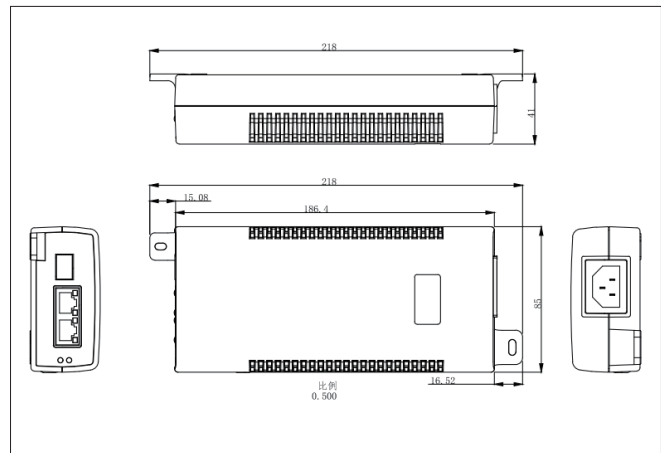
- Line-Earth 1.2/50us (8/20us): 6KV
- Line-Line 1.2/50us (8/20us): 4KV

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): 6KV

Mechanical Characteristics

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



Order Info.

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

Packing

PT-PSE106GBR-AH-S x 1
FG GND WIRE x 1
Operation Manual x 1