PROCET®
PoE System

AC/DC Input 2-Port 60W Fiber PoE Injector
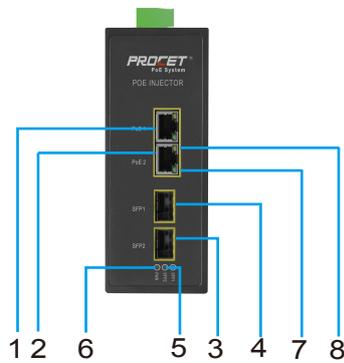
PT-PSE105GW2S2P-AC

Product Overview

PT-PSE105GW2S2P-AC is a 2-Port, industrial-scale PoE injector with fiber port. It provides 60W power for remote PDs over full 4 pairs output with 4KV (10/700us) surge protection. It supports 10/100/1000Mbps of data speed. It works for 60W PoE PDs, such as wireless access points, network cameras, base station, Microwave radio and other high power Ethernet terminals. It is also compatible and safe to use with any IEEE802.3bt/at/af compliant terminals. It works as a switch, data is interoperable between PoE port and SFP port.
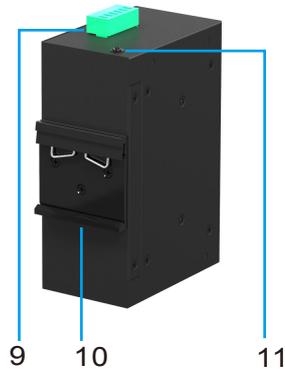
PT-PSE105GW2S2P-AC is designed for indoor use but can work outdoor by covered with waterproof case. It works with input voltage of 100-240Vac/44-57Vdc and operates under -40℃ to 65℃. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables. This model equiped standard DIN rail mounting bracket, which can easily jam into the guide rail.
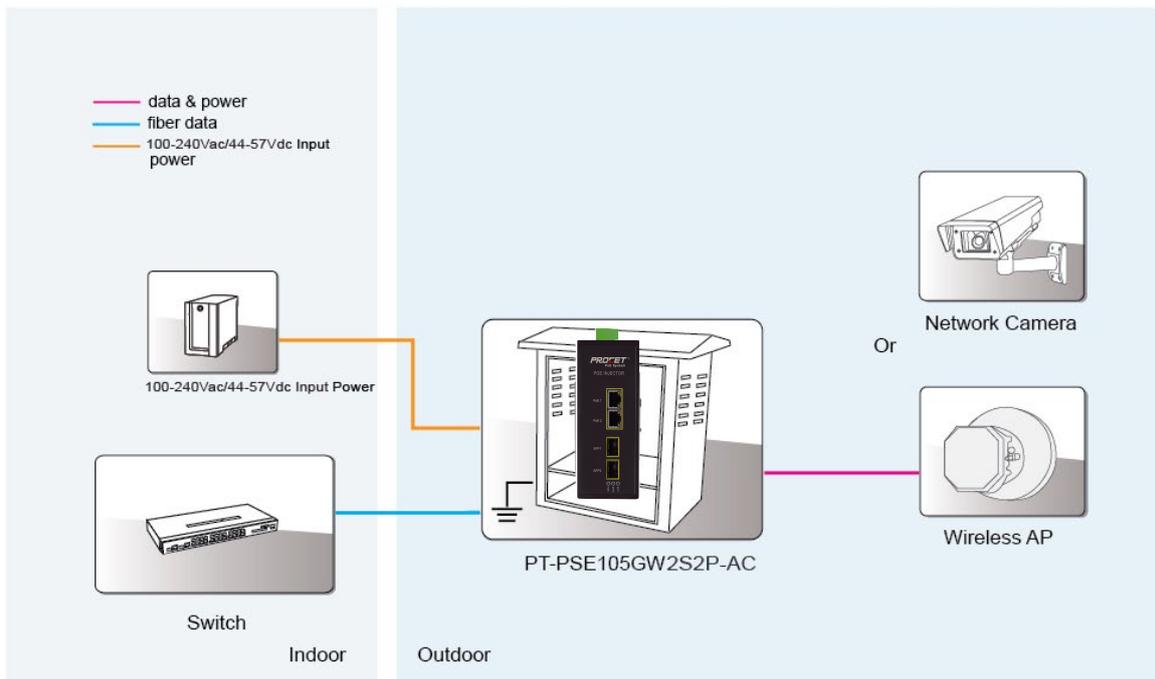
Product Profile

1/2. PoE Output Port
3/4. SFP Fiber Port
5. SFP Fiber indicator
6. AC/DC Power indicator
7. PoE load indicator

8. Lan data indicator
9. 100-240Vac/44-57Vdc input port
10. DIN rail mounting bracket
11. Earth

Product Working Diagram

data & power
fiber data
100-240Vac/44-57Vdc Input power

100-240Vac/44-57Vdc Input Power

Switch

Indoor

Outdoor

PT-PSE105GW2S2P-AC

Network Camera

Or

Wireless AP

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at, PoE++
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input : 100-240Vac 44-57Vdc, 1.5A, 50~60Hz
- Output: 55Vdc, 1.1A
- Power Pins: 4/5(+), 7/8(-) & 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40℃ to 65℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40℃ to 85℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

PoE Surge Protection

- Protected line: 1,2,3,4,5,6,7,8
- Common mode surge protection(10/700us): 4KV
- Differential mode surge protection (10/700us): 1.5KV

Mechanical Characteristics

- Case: Metal
- Color: Black
- Mounting: DIN-rail
- IP Rated: IP40
- Size: 144.5mm X 104.2mm X 60mm
- Weight: 819g

EMI

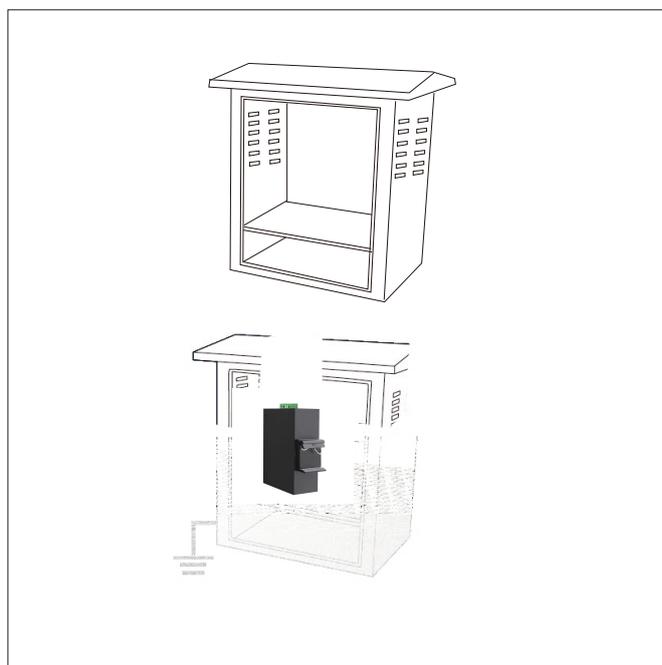- FCC CFR47 Part 15, EN55024, EN55032

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 : Yellow
- SFP Fiber Indicator: Green
- PoE Data Indicator: Yellow

Order Info. PT-PSE105GW2S2P-AC   100-240Vac 44-57Vdc Input/60W Output/1000Mbps/(4,5+,7,8-) &(3,6+,1,2-)/Surge Protection/Active

Packing