



PT-PSE106SAR48-24

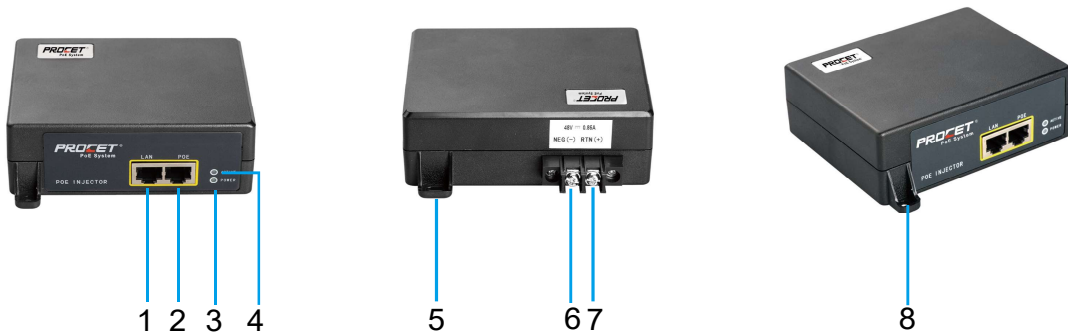
Isolated Ground 24V PoE Injector

Product Overview

PT-PSE106SAR48-24 is a single port PoE Injector. It provides 24Vdc, 1.25A power for remote PDs over 2-pairs output with 6KV (10/700us) surge protection. It supports both 10/100Base-T and Gigabit device. It works for 30W PoE PDs, such as wireless APs, ONU IP phone and other power Ethernet terminals.

PT-PSE106SAR48-24 is designed for indoor use. It works with input voltage of 44-72Vdc. It will directly power PDs without detection. The effective distance is 100 meters over Cat5e/Cat6 cables.

Product Profile

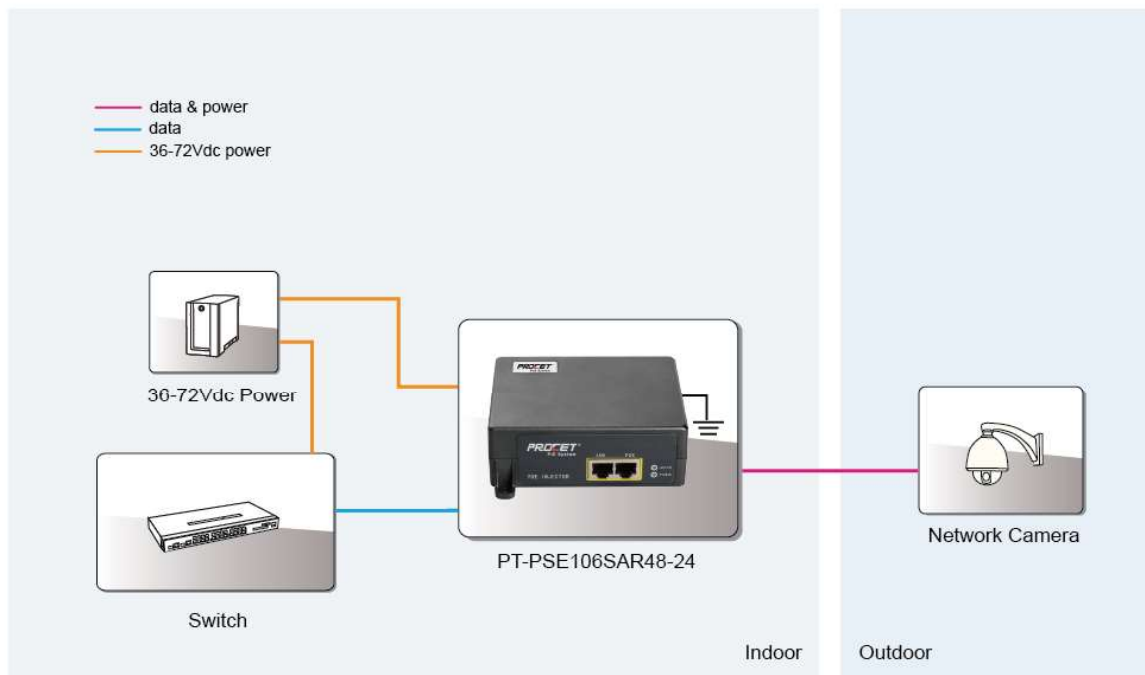


- 1. LAN: Data Input Port
- 2. PoE: Data & Power Output Port
- 3. Power Indicator

- 4. PoE Load Indicator
- 6. DC Input Negative Pole
- 7. DC Input Positive Pole

- 5,8. Mounting Hole

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input : 44-72Vdc 2.5A
- Output: 24Vdc 1250mA
- Power Pins: 4/5(+), 7/8(-)
- 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

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: 120mm X 125mm X 44mm
- Weight: 350g

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

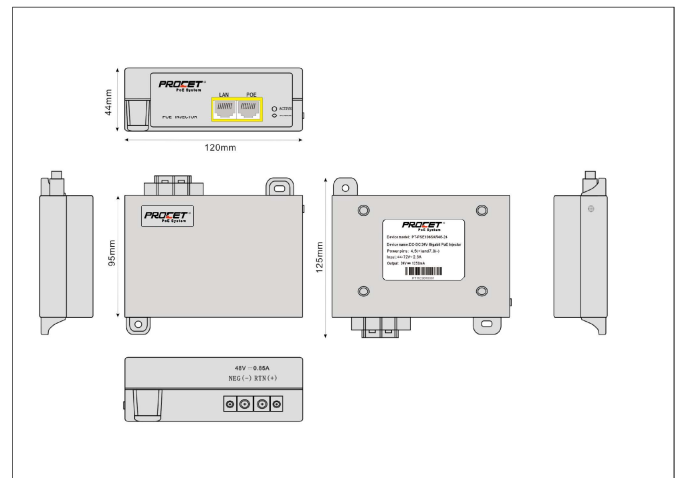
- IEC61000-4-2(ESD) $\pm 6kV$ (contact), $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2kV$; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$, $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

LED Indicator

- Power Indicator : Green
- PoE Load Indicator : Green



Order Info. PT-PSE106SAR48-24

24Vdc/1.25A/1000M/(4,5+,7,8-)/Surge Protection/Passive

Packing

PT-PSE106SAR48-24
Power Cord x 1 (Optional)
Manual x 1



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