



PT-PSE106G48-30

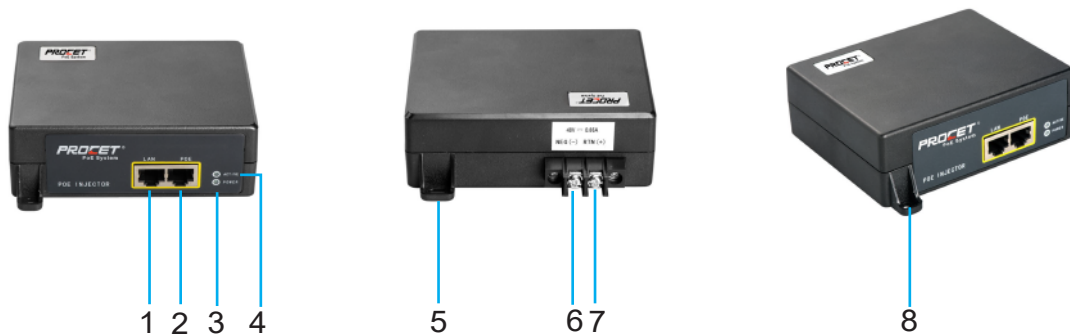
Passive 30VDC PoE Injector

Product Overview

PT-PSE106G48-30 is a single-port PoE Injector. It provides 30Vdc, 0.85A power for remote PDs over 2 pair output with 6KV (10/700us) surge protection. It supports data speed of 10/100/1000Mbps. It works for 25.5W PoE PDs, such as wireless APs, Network cameras, ONU IP phones and other power Ethernet terminals.

PT-PSE106G48-30 is designed for indoor use. It works with input voltage of 44-57Vdc(Typical 48VDC, 0.85A). It will directly power PDs without detecting. The effective distance is 100 meters over Cat5e/Cat6 cables. It is an electrical isolated design inside to avoid high current input damage.

Product Profile

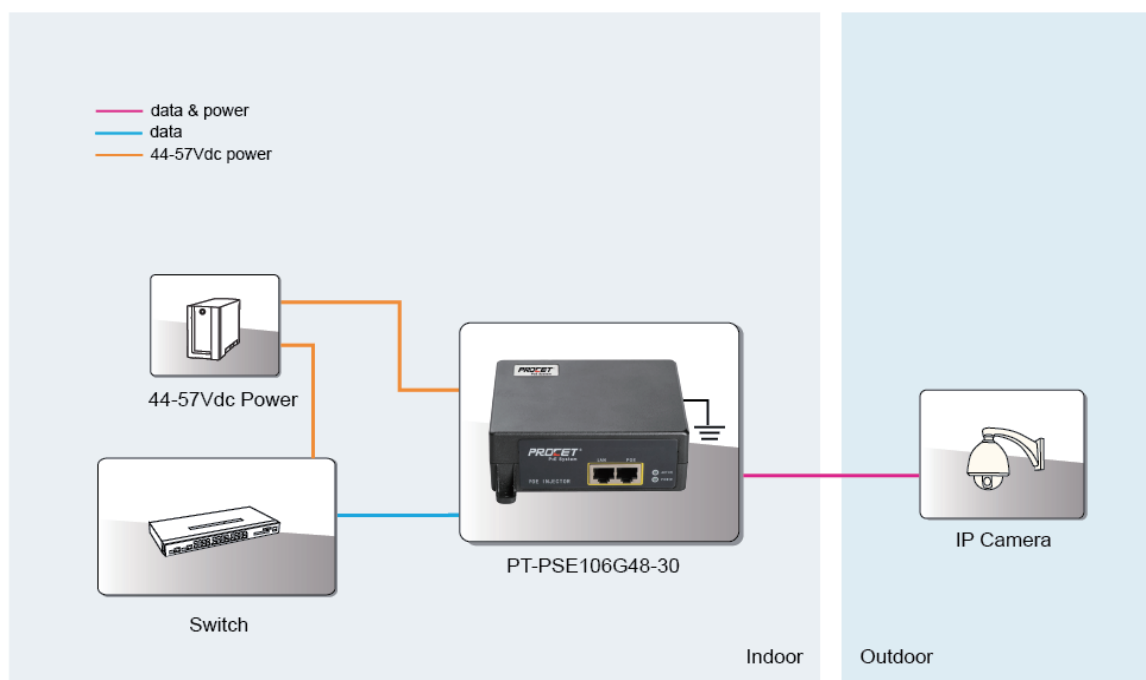


- 1. LAN: Data Input Port
- 2. PoE: Data & Power Output Port
- 3. Power Indicator

- 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 : 44-57Vdc 1.0A
- Output: 30Vdc 850mA
- 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: 280g

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

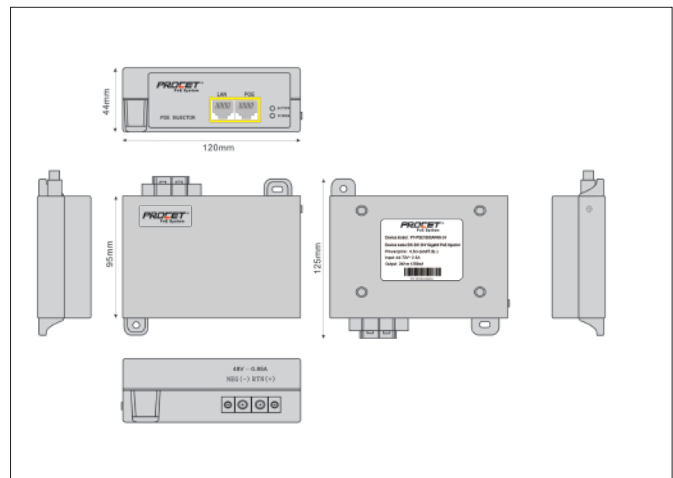
- IEC61000-4-2(ESD) $\pm 6\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2\text{kV}$; Data Port: $\pm 1\text{kV}$
- IEC61000-4-5(Surge) Power Port: $\pm 1\text{kV/DM}$, $\pm 2\text{kV/CM}$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

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-PSE106G48-30

30Vdc/0.85A/1000Mbps/(4,5+,7,8-) /Surge Protection/Passive

Packing

PT-PSE106G48-30
Ground lug Wire: 16AWG
Manual x 1