Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support terminal equipments with IEEE802.3af
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 0.5A 50/60Hz
- Output: 24Vdc 650mA
- 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

AC Surge Protection

- 1.0KV (5P/5N)
- L-N 1.2/50 (8/20) Tr/Th us
- 2.0KV (5P/5N)
- L-PE 1.2/50 (8/20) Tr/Th us
- N -PE

Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 134mm X 56mm X 33mm
- Weight: 150g

Safety Approvals

- CE   - FCC

EMI
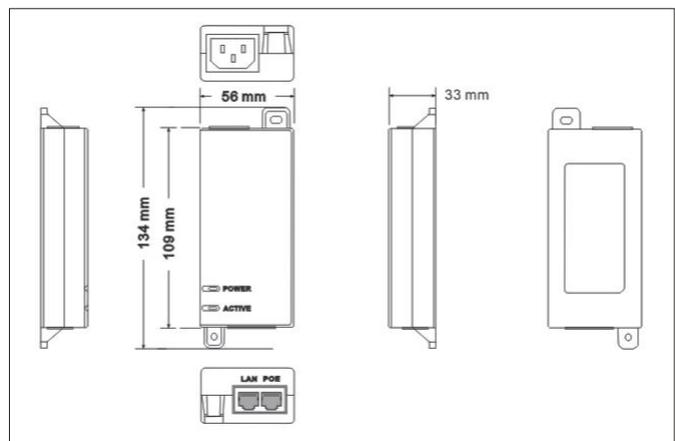
- FCC CFR47 Part 15, EN55024, EN55032

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 : Green

Order Info.

PT-PSE100GFN-24   24Vdc/0.65A/1000M/(4,5+,7,8-)/Passive

Packing.

PT-PSE100GFN-24
Power Cord x 1 (Optional)
Manual x 1

PROCET
PoE System

24V Output Single-port PoE Injector
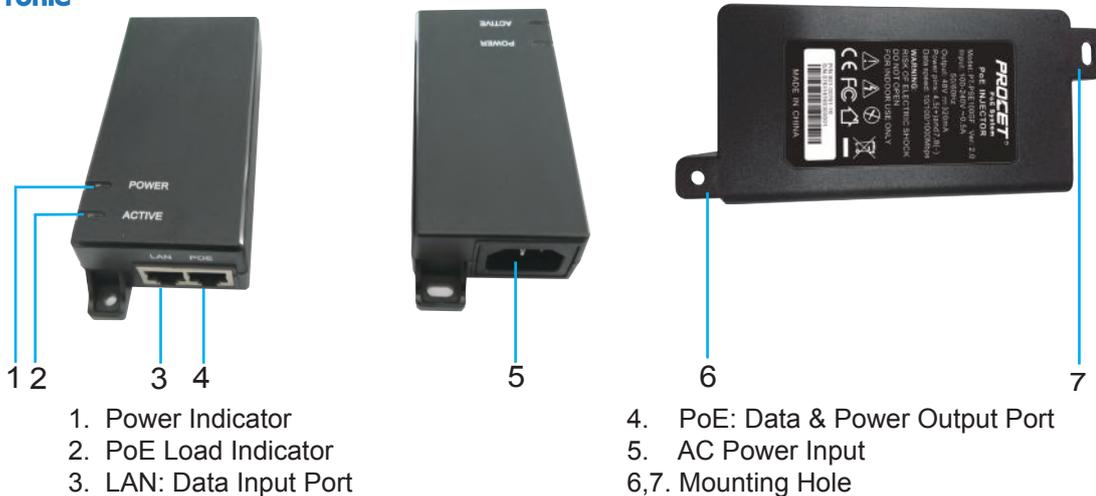
PT-PSE100GFN-24

Product Overview

PT-PSE100GFN-24 is a single port PoE Injector. It provides 24Vdc, 0.65A power for remote PDs over 2-pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 15.4W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals. It supports terminal equipments with IEEE80-2.3af standard.

PT-PSE100GFN-24 is designed for indoor use. It works with input voltage of 100-240Vac. It will directly power PD without detection. The effective distance is 100 meters over Cat5e/Cat6 cables.

Product Profile

1. 2. 3. 4.   5.   6.   7.

1. Power Indicator
2. PoE Load Indicator
3. LAN: Data Input Port
4. PoE: Data & Power Output Port
5. AC Power Input
6,7. Mounting Hole

Product Working Diagram

- data & power
- data
- 220Vac power

IP Phone   or   Wireless AP   or   IPC

220Vac Power

Switch

PT-PSE100GFN-24