



Gigabit 30W PoE Injector

Product Overview

PT-PSE100G, it is a single port PoE Injector. It provides 48Vdc, 0.63A power for remote PDs over 2-pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 30W PoE PDs, such as wireless APs, Network cameras, IP Phones and other high power Ethernet terminals. It supports terminal equipments with IEEE802.3 af/at standard.



PROJET
 PoE System

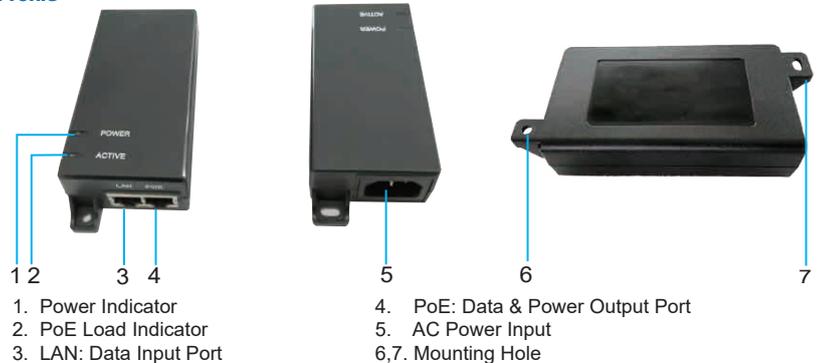
PT-PSE100G

PT-PSE100G is designed for indoor use. It works with wide input voltage of 100-240Vac and operates under 0°C to 40°C . The effective distance is 100 meters over Cat5e/Cat6 cables.

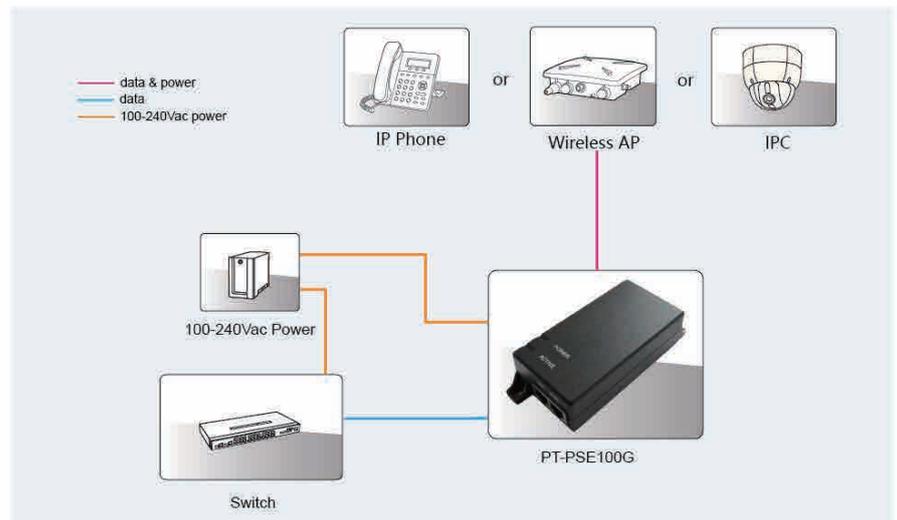
The model is small in size and easy to install. It is of highpower but lower in cost.



Product Profile



Product Working Diagram



Specification

Standard

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

Input & Output

- Input :100-240Vac 1.0A 50/60Hz
- Output: 48Vdc 630mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: 0°C to 40°C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20°C to 70°C
- 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 1.2/50 (8/20) Tr/Th us

Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 134mm X 56mm X 33mm
- Weight: 175g

Safety Approvals

- CE
- FCC

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

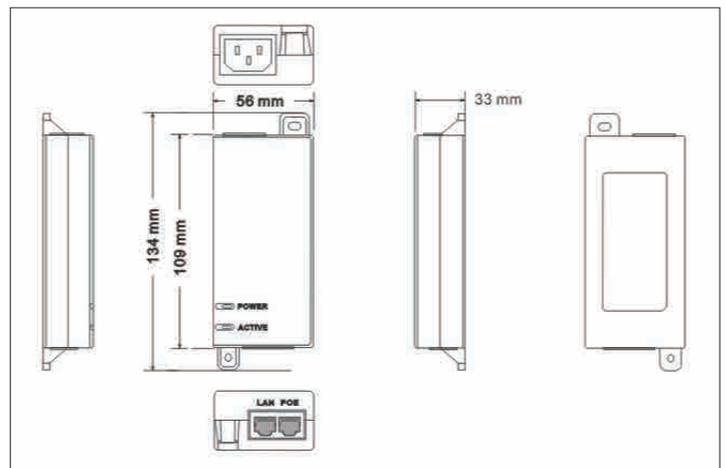
- IEC61000-4-2(ESD) ± 6 kV(contact), ± 8 kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ± 2 kV; Data Port: ± 1 kV
- IEC61000-4-5(Surge) Power Port: ± 1 kV/DM, ± 2 kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

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-PSE100G

48Vdc/0.63A/1000Mbps/(4,5+,7,8-)

Packing. PT-PSE100G
Power Cord x 1 (Optional)
Manual x 1