PROCET ®
PoE System

Wide Temperature Gigabit 30W PoE Injector
PT-PSE104GO-30

Product Overview

PT-PSE104GO-30 is a single port PoE Injector. It provides 55Vdc, 0.55A power for remote PDs over 2 pairs output. It supports 10/100/1000Mbps of data speed. It works for 30W PoE PDs, such as wireless APs, Network cameras, IP Phones and other high power Ethernet terminals. It fully complies to IEEE802.3af/at PoE standard.

PT-PSE104GO-30 is designed for indoor use. It works with input voltage of 100-240Vac 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.
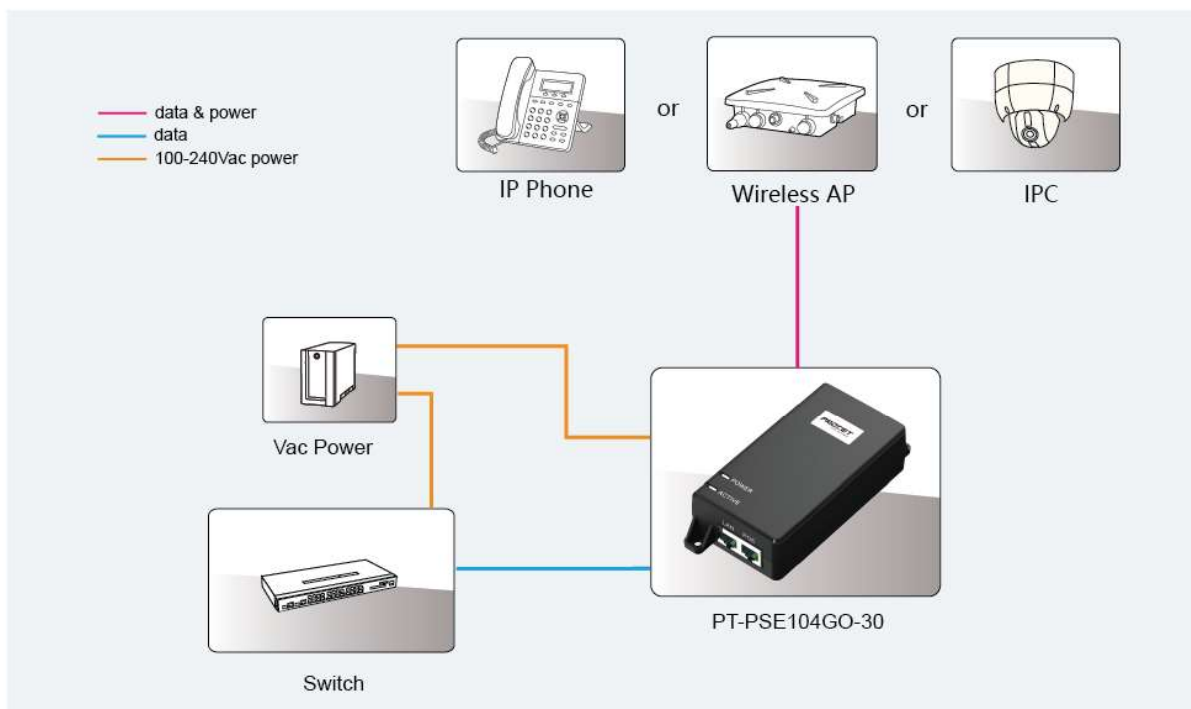
Product Profile

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

Product Working Diagram

- data & power
- data
- 100-240Vac power

IP Phone   or   Wireless AP   or   IPC

Vac Power

Switch

PT-PSE104GO-30

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
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 550mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000Mbp

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

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: 145.51mm X 65.8mm X 33.5mm

Safety Approvals

- cUL/UL   - FCC
- CE(Per IEC 62368-1)

EMI

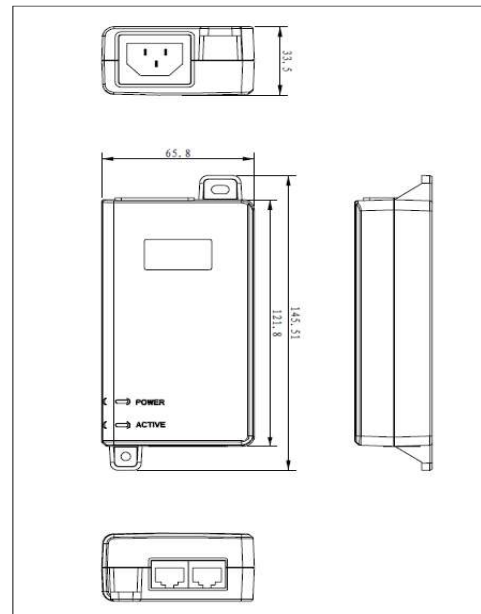- FCC CFR47 Part 15, EN55024, EN55032

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-PSE104GO-30

55Vdc/0.55A/1000Mbps/(4,5+,7,8-) /Wide temperature/Active

Packing.   PT-PSE104GO-30
Power Cord x 1 (Optional)
Manual x 1