



## 802.3at PoE+ Injector with Wide-Temp

**PT-PSE104GO-30**

### Product Overview

PT-PSE104GO-30 is an indoor rated PoE midspan Injector specially designed for complex backhaul and networking applications. Enclosed in an IP40 fire retardant plastic case.

After negotiating IEEE802.3at standard PoE, the single PoE output port delivers 55Vdc, 0.55A up to 30W power for remote PDs over 2 Pair at 10/100/1000Mbps data rates. It works with a wide input voltage of 100-240VAC, 50 or 60 Hz and operates under -40 °C to +65 °C.

It fully complies with IEEE802.3at and remains compatible with any IEEE802.3af compliant devices, such as IP Cameras, wireless APs, Microwave radio, IoT application, door locks, displays, POS, and information kiosks. For planning purposes, the effective distance is 100 meters over Cat5e/Cat6 cables.

There are wall mounting tabs on either end of it.



### Product Profile

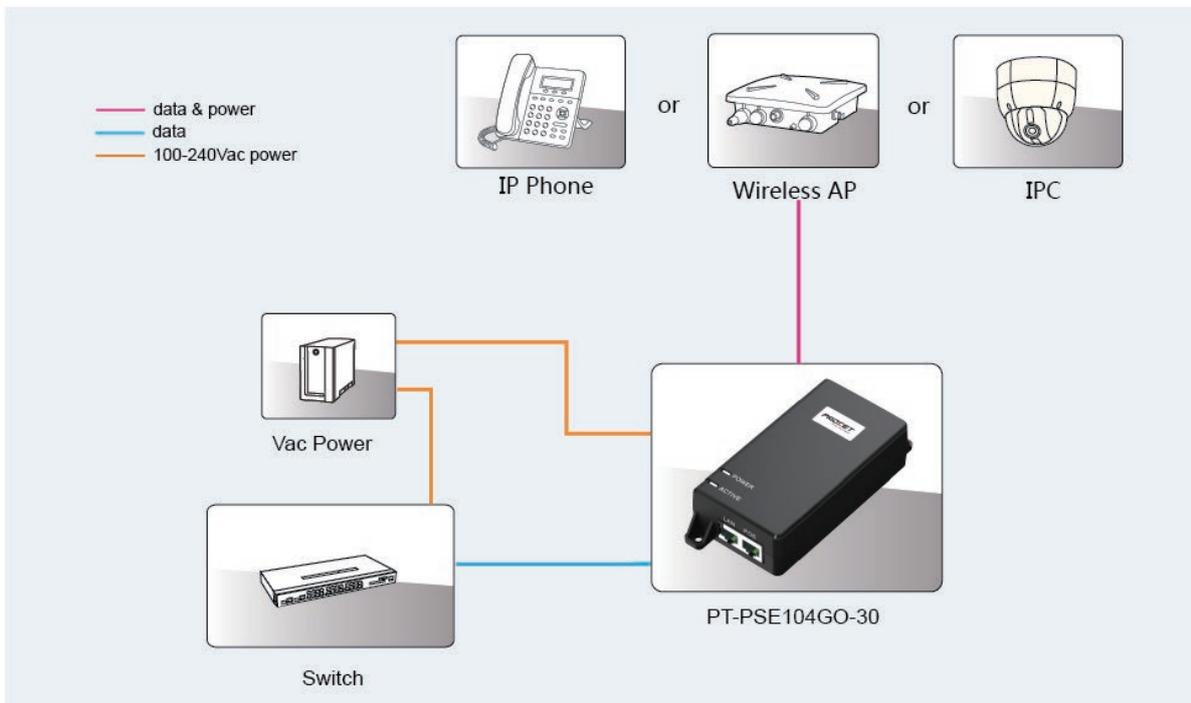


1. Power Indicator
2. PoE Load Indicator
3. LAN: Data Input Port



4. PoE: Data & Power Output Port
6. AC Power Input Port
- 5,7. Mounting Hole

### Product Working Diagram



## 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: 10/100/1000Mbps

### 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

- Line-Earth 1.2/50us (8/20us): 2KV
- Line-Line 1.2/50us (8/20us): 1KV

### Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 145.51mm X 65.8mm X 33.5mm
- Weight: 255g

### Safety Approvals

- cUL/UL - FCC
- CE

### EMI

- FCC CFR47 Part 15, EN55032, EN55035

### EMS

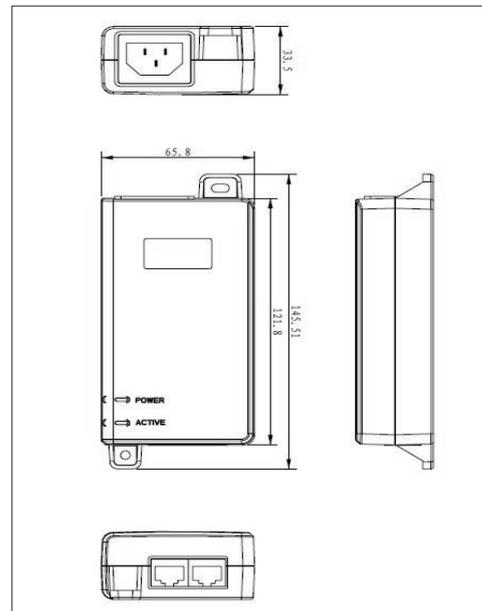
- IEC61000-4-2(ESD)  $\pm 6kV$ (contact),  $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port:  $\pm 2kV$ ; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$ ,  $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### Immunity

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

### LED Indicator

- Power Indicator : Green
- PoE Load Indicator :  
Green @  $\leq 15.4W$   
Blue @  $> 15.4W \leq 30W$



**Order Info.** PT-PSE104GO-3

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

**Packing.** PT-PSE104GO-3  
Power Cord x 1 (Optional)  
Manual x 1