



**PT-PSE104GB-60-5**

**2.5GbE/5GbE 60W PoE++ Injector**

**Product Overview**

PT-PSE104GB-60-5 is a single port PoE Injector. It provides 55Vdc, 1.1A power for remote PDs over 4 pairs output. It supports not only 10/100/1000Mbps of data speed, but also 2.5GbE/5GbE NBase-T. It works for 60W 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-PSE104GB-60-5 is designed for indoor use. It works with input voltage of 100-240Vac. 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**

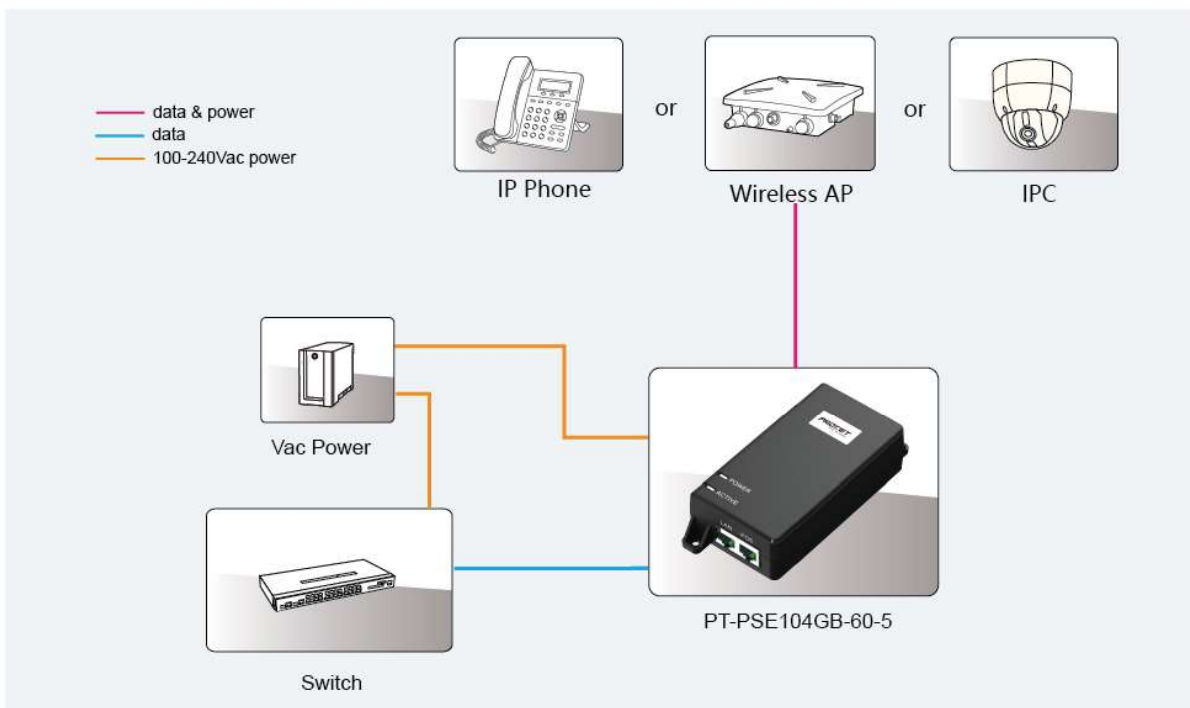


- 1. Power Indicator
- 2. PoE Load Indicator
- 3. LAN: Data Input Port



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

**Product Working Diagram**



## Specification

### Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- IEEE802.3bz 2.5GbE/5GbE NBASE-T
- Full compliant with IEEE802.3af/at, PoE++
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 1100mA
- Power Pins: 4/5(+), 7/8(-) & 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps & 2.5/5GbE

### 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

- 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, EN55024, EN55032

### EMS

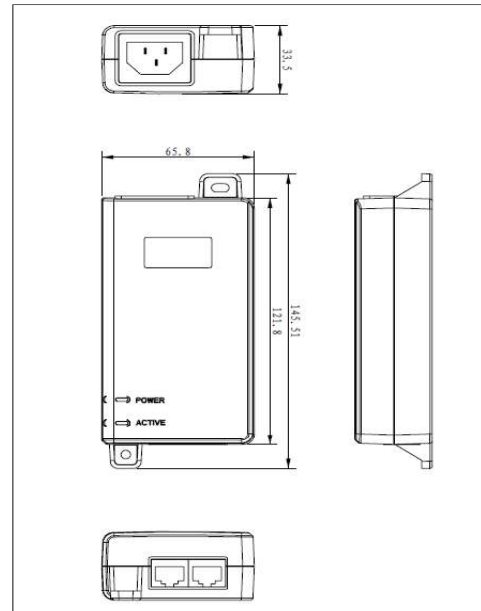
- IEC61000-4-2(ESD)  $\pm 6kV$ (contact),  $\pm 8kV$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port:  $\pm 2kV$ ; Data Port: $\pm 1kV$
- IEC61000-4-5(Surge) Power Port: $\pm 1kV/DM$ ,  $\pm 2kV/CM$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### Immunity

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

### LED Indicator

- Power Indicator : Green
- PoE Load Indicator :  
Green @  $\leq 30W$   
Blue @  $> 30W \leq 60W$



**Order Info.** PT-PSE104GB-60-5

55Vdc/1.1A/2.5Gbps/5Gbps/(4,5+,7,8-)/(3,6+, 1,2-) /Active

**Packing.** PT-PSE104GB-60-5  
Power Cord x 1 (Optional)  
Manual x 1



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