



**PT-PSE104GB-60**

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

### Product Overview

PT-PSE104GB-60 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 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

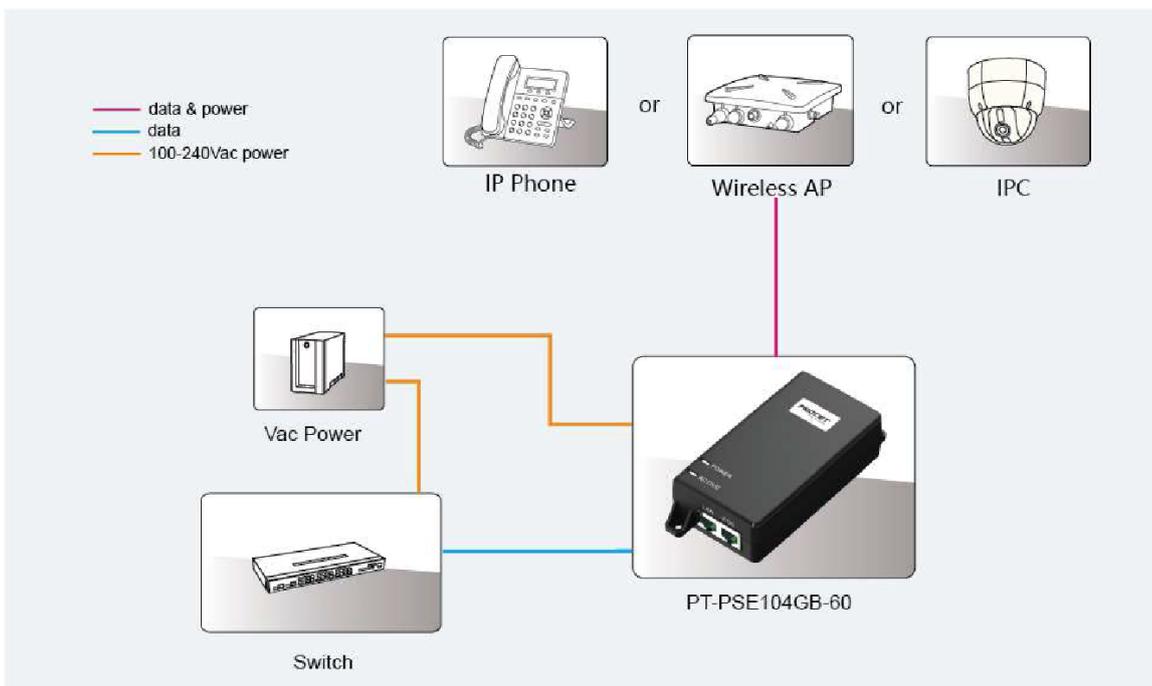


1. Power Indicator
2. PoE Load Indicator
3. LAN: Data Input Port



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°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

### 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

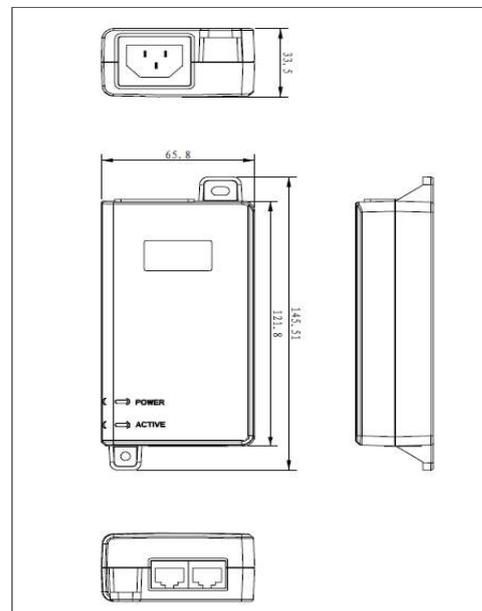
- IEC61000-4-2(ESD)  $\pm 6$ kV(contact),  $\pm 8$ kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port:  $\pm 2$ kV; Data Port:  $\pm 1$ kV
- IEC61000-4-5(Surge) Power Port:  $\pm 1$ kV/DM,  $\pm 2$ kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### 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-PSE104GB-60

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

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



This document belongs to PROCET company. It is not allowed to reproduce and modify without the original author's permission. It is PROCET's policy to improve its products as new technology, components, software, and firmware at any time. PROCET, therefore, reserves the right to change specifications without prior notice. (2019.01)