PROCET ®
PoE System

10GbE 60W PoE++ Injector

PT-PSE104GB-60-10

Product Overview

PT-PSE104GB-60-10 is a single port PoE Injector. It provides 55Vdc, 1.1A power for remote PDs over full 4 pairs output. It supports not only 10/100/1000Mbps of data speed, but also 2.5GbE/5GbE/10GbE NBase-T. It works for 60W PoE PDs, such as wireless APs, Network cameras, IP Phones and other high power Ethernet terminals. It is compliant with IEEE802.3 PoE++ standard and compatibale to use with any IEEE802.3af/at standard terminals.

PT-PSE104GB-60-10 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.
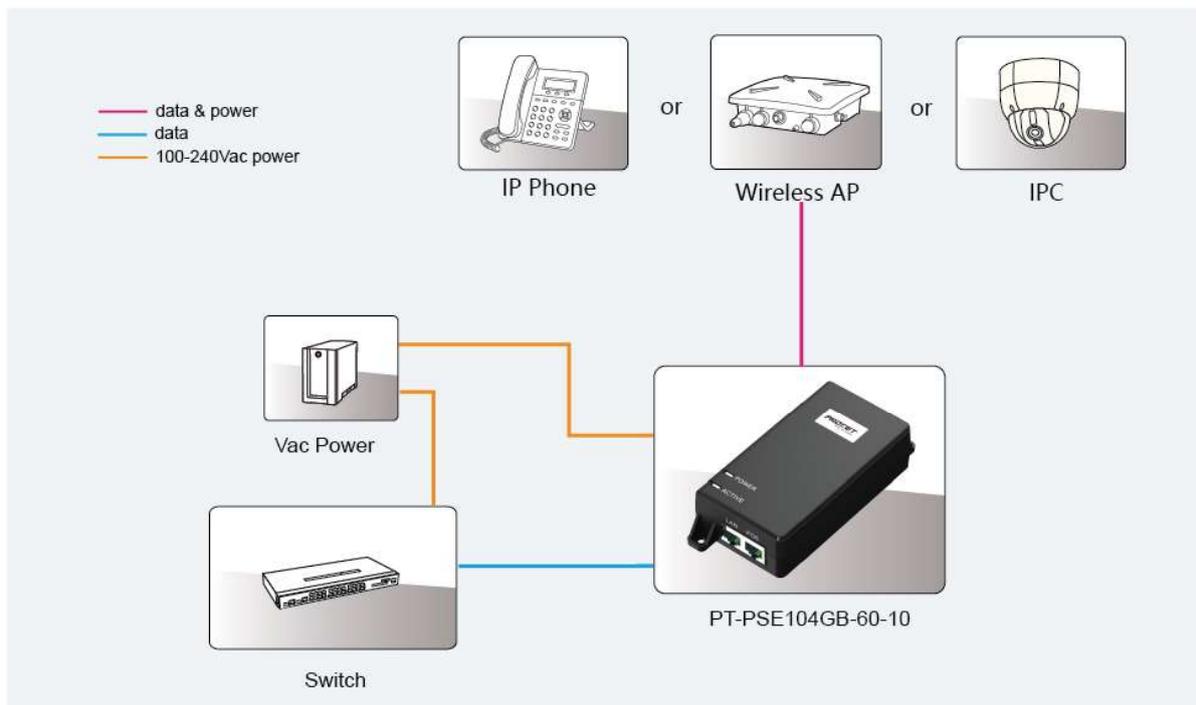
Product Profile

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

data & power
data
100-240Vac power

IP Phone   or   Wireless AP   or   IPC

Vac Power

PT-PSE104GB-60-10

Switch

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- IEEE802.3bz 2.5GbE/5/10GbE 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: 10/100/1000Mbp & 2.5/5/10GbE

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
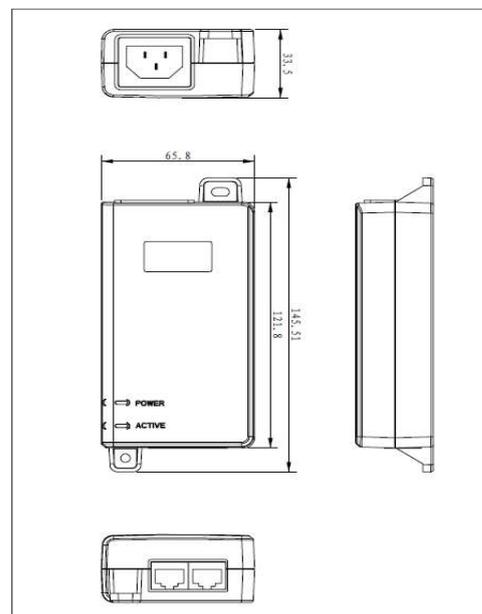
- FCC CFR47 Part 15, EN55024, EN55032

EMS

- IEC61000-4-2(ESD) ± 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   @≤30W
  Blue   @＞30W≤60W

55Vdc/1.1A/10Gbps/(4,5+,7,8-)(3,6+, 1,2-) /Active

Order Info.   PT-PSE104GB-60-10

Packing.   PT-PSE104GB-60-10
Power Cord x 1 (Optional)
Manual x 1