



## Dual Port PoE Injector

## PT-PSE206GWN-A

### Product Overview

PT-PSE206GWN-A is a dual-port PoE Injector with 4KV surge protection for AC port. It provides 55Vdc, 1.1A power for remote PD over one PoE port or provides 30W per port for two remote PDs simultaneously. It supports 10/100/1000 Mbps of data speed. It supports terminal equipments with IEEE802.3af/at/PoE++ standard, such as wireless APs, base stations, high power cameras, door locks, displays, POS, information kiosks and other high power Ethernet terminals.

PT-PSE206GWN-A is designed for indoor use. It works with input voltage of 100-240Vac and operates under -30 °C to 55 °C. It will directly power PDs without detection. The effective distance is 100 meters over Cat5e/Cat6 cables. There is no data exchange between LAN 2 ports and PoE 2 ports because no switching chip inside. You can use different IP addresses for LAN1 and LAN2.



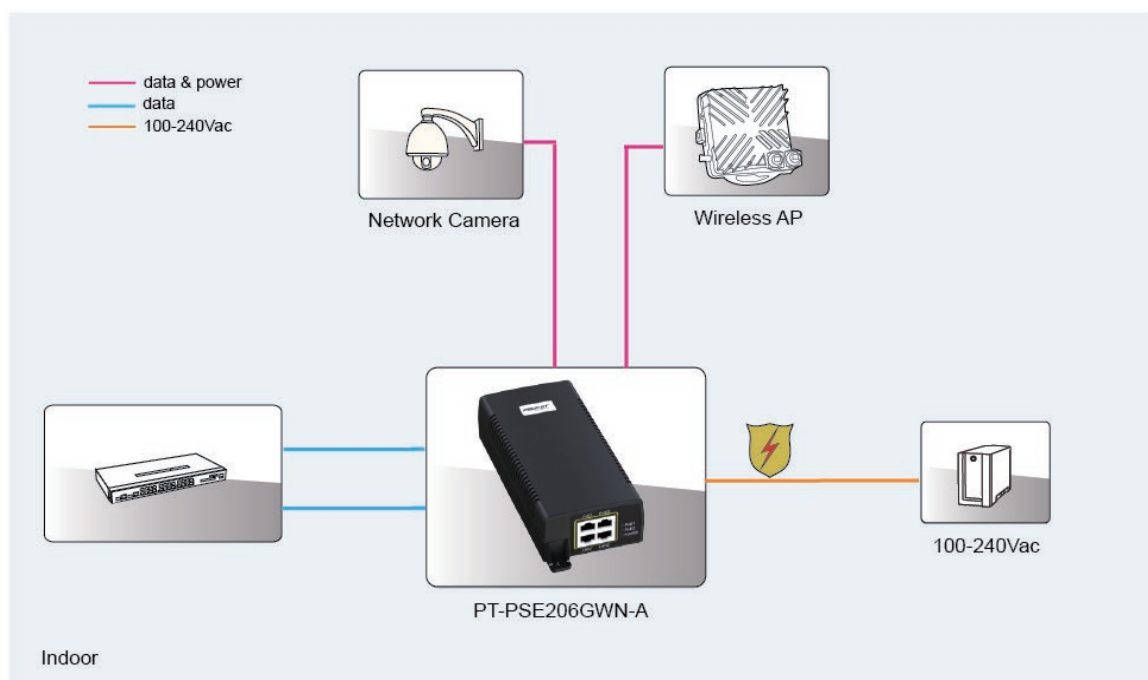
### Product Profile



1.7. PoE: Data&Power output port  
2.3. LAN: Data input port  
4. Power indicator

5.6. PoE Load indicator  
8. AC input power  
9.10. Mounting holes

### Product Working Diagram



## Specification

### Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support terminal equipment with IEEE802.3af/at/PoE++
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 550mA per port, 60W Total  
or 55Vdc 1100mA for only one port
- Power Pins: 4/5(+), 7/8(-) and 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps

### Working Environment

- Operating Temperature: -30℃ to 55℃
- Operating Humidity: 5% to 95%, non-condensation
- Storage Temperature: -30℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

### AC Surge Protection

- Line-Earth 1.2/50us (8/20us): 4KV
- Line-Line 1.2/50us (8/20us): 2KV

### Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP20
- Size: 208mm X 85mm X 46mm
- Weight: 462g

### Safety Approvals

- CE

### EMI

- FCC CFR47 Part 15, EN55032, EN55035

### EMS

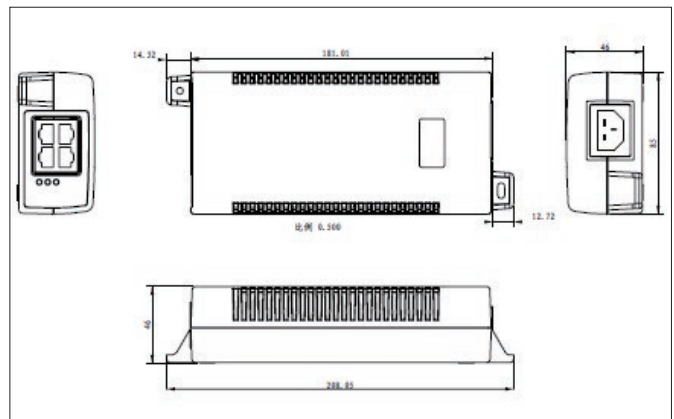
- IEC61000-4-2(ESD)  $\pm 4\text{kV}$ (contact),  $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port:  $\pm 1\text{kV}$ ; Data Port:  $\pm 0.5\text{kV}$
- IEC61000-4-5(Surge) Line to Line:  $\pm 1\text{kV}$ , Line to Earth:  $\pm 2\text{kV}$
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

### 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-PSE206GWN-A 55Vdc/60W single port/30W per port/1000Mbps/4,5(+), 7,8(-) and 3/6(+), 1/2(-)/Passive

**Packing** PT-PSE206GWN-A  
Power Cord x 1 (Optional)  
Manual x 1