

# **Gigabit 24V PoE Injector**

### **Product Overview**

PT-PSE100G-24 is a single port PoE Injector. It provides 24Vdc, 1.1A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 26W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals.



PT-PSE100G-24

PT-PSE100G-24 is designed for indoor use. It works with wide input voltage of 100-240Vac. The effective distance is 100 meters over Cat5e/Cat6 cables.

Easy to install with two mounting hole.





#### **Product Profile**



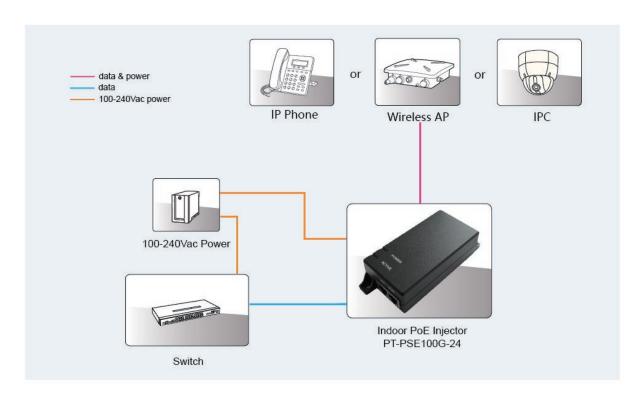
- 1. Power Indicator
- 2. PoE Load Indicator
- 3. LAN: Data Input Port





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

## **Product Working Diagram**



# **Specification**

#### **Standard**

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- RoHS Compliance
- WEEE Compliance

# **Input & Output**

- Input :100-240Vac 1.0A 50/60Hz

Output: 24Vdc 1100mAPower Pins: 4/5(+), 7/8(-)Data Speed: 10/100/1000Mbps

# **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**

- 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: 134mm X 56mm X 33mm

- Weight: 150g

## **Safety Approvals**

- CE

## **EMI**

- FCC CFR47 Part 15, EN55024, EN55032

### **EMS**

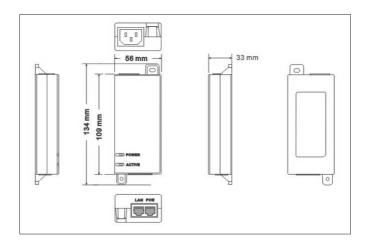
- IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
- IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

### **Immunity**

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

#### **LED Indicator**

Power Indicator : GreenPoE Load Indicator : Green



**Order Info.** PT-PSE100G -24 24Vdc/1.1A/1000Mbps/(4,5+,7,8-)

Packing. PT-PSE100G-24

Power Cord x 1 (Optional)

Manual x 1

