



**PT-PSE15G-24-2**

**Gigabit Passive PoE Midspan**

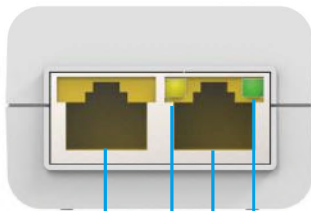
**Product Overview**

PT-PSE15G-24-2 is a single-port PoE Injector. It provides , 24Vdc 0.64A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It is capable of powering 15 watt PoE Powered Devices (PDs) such as wireless APs, network camera, VoIP phone, Microwave Radio and other power Ethernet terminals.

PT-PSE15G-24-2 is an indoor rated PoE midspan Injector specially designed for complex backhaul and networking applications. Enclosed in an IP40 fire retardant plastic case. It works with a wide input voltage of 100-240 VAC, 50 or 60 Hz. It will directly power PD without detecting. The effective distance is 100 meters over Cat5e/Cat6 cables. It is small in size but high performance



**Product Profile**



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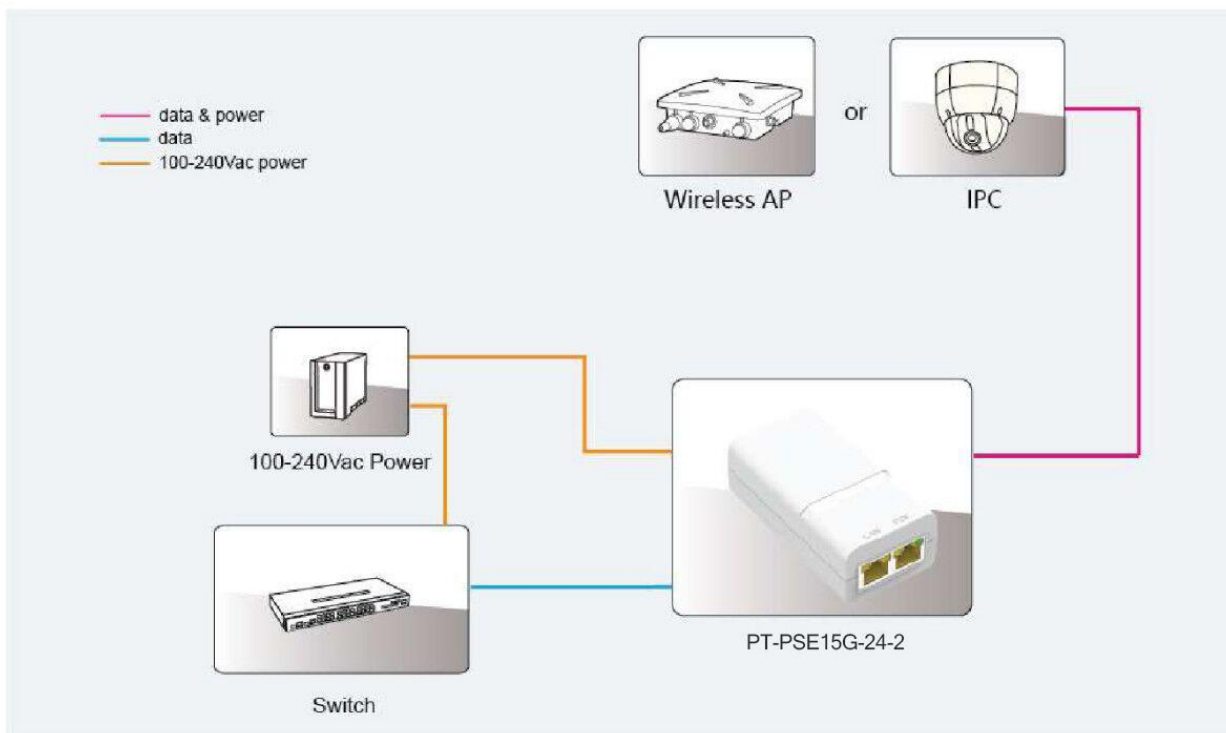
- 1. LAN: Data Input Port
- 2. Power Indicator
- 3. PoE: Data & Power Output Port



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- 4. PoE Load Indicator
- 5. AC Power Input

**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
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :100-240Vac 0.5A 50/60Hz
- Output: 24Vdc 640mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000Mbps

### Working Environment

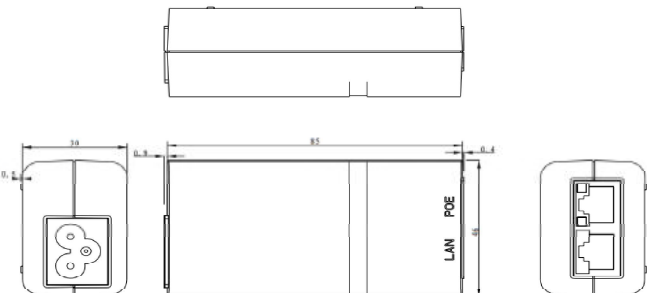
- Operating Temperature: 0℃ to 40℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000meters

### AC Surge Protection

- Line-Earth 1.2/50us (8/20us): 2KV
- Line-Line 1.2/50us (8/20us): 1KV

### Mechanical Characteristics

- Case: Plastic
- Color: White
- IP Rated: IP40
- Size: 85mm X 46mm X 30mm
- Weight: 100g



### Safety Approvals

- CE
- FCC

### 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 : Yellow
- PoE Load Indicator : Green

**Order Info.** PT-PSE15G-24-2

24Vdc/0.64A/1000Mbps/(4,5+,7,8-)/Passive

### Packing.

PT-PSE15G-24-2  
Power Cord x 1 (Optional)  
Manual x 1