



**EN15G-3**

## Gigabit 15.4W 48V PoE Injector

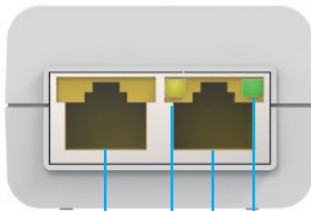
### Product Overview

EN15G-3 is a single-port PoE Injector. It provides 48Vdc, 0.32A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It is capable of powering 15.4 watt PoE Powered Devices (PD's) and IEEE802.3af standard terminals, such as wireless APs, network camera, VoIP phone, Microwave Radio and other power Ethernet terminals.

EN15G-3 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

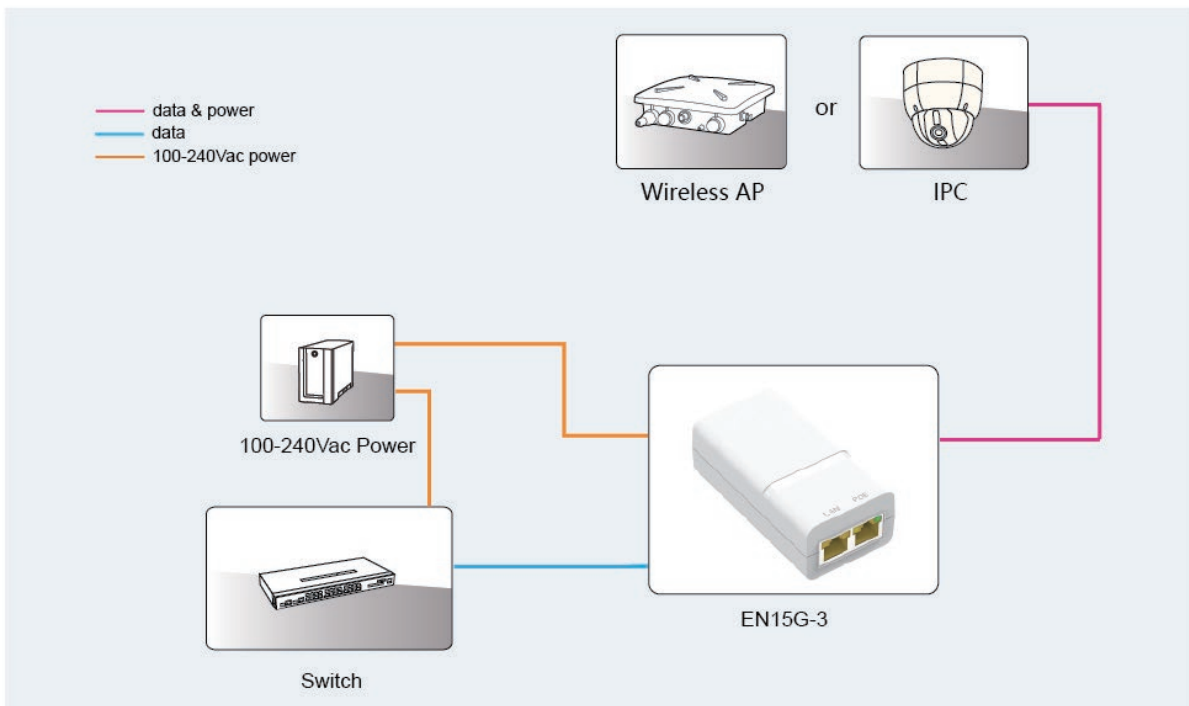


1. LAN: Data Input Port
2. Power Indicator
3. PoE: Data & Power Output Port



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: 48Vdc 320mA
- 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: 86.5mm X 46mm X 30.5mm
- Weight: 91g

### Safety Approvals

- CE
- FCC

### EMI

- FCC CFR47 Part 15, EN55024, EN55032

### EMS

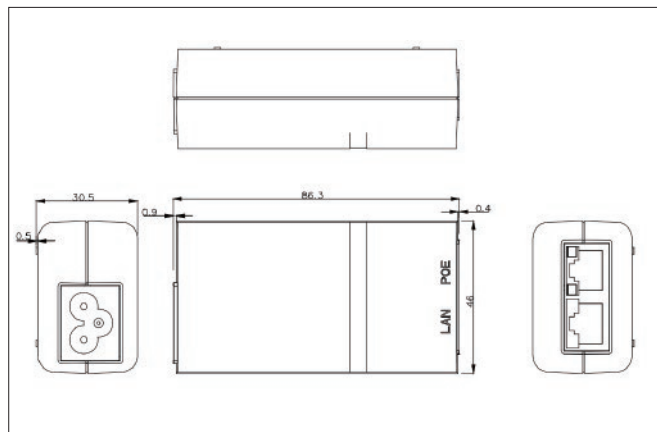
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### Immunity

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

### LED Indicator

- Power Indicator : Yellow
- PoE Load Indicator : Green



**Order Info.** EN15G-3

48Vdc/0.32A/1000Mbps/(4,5+,7,8-)

### Packing.

EN15G-3  
Power Cord x 1 (Optional)  
Manual x 1