



Gigabit 24V PoE Injector

EN15G-24-3

Product Overview

EN15G-24-3 is a single-port PoE Injector/Midspan. 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 15.4 watt PoE Powered Devices (PD's), such as wireless APs, network camera, VoIP phone, Microwave Radio and other power Ethernet terminals.

EN15G-24-3 is an indoor rated PoE midspan 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. Compliant with Energy Efficiency of External Power Supplies regulations. The effective distance is 100 meters over Cat5e/Cat6 cables. It is small in size but high performance



Product Profile

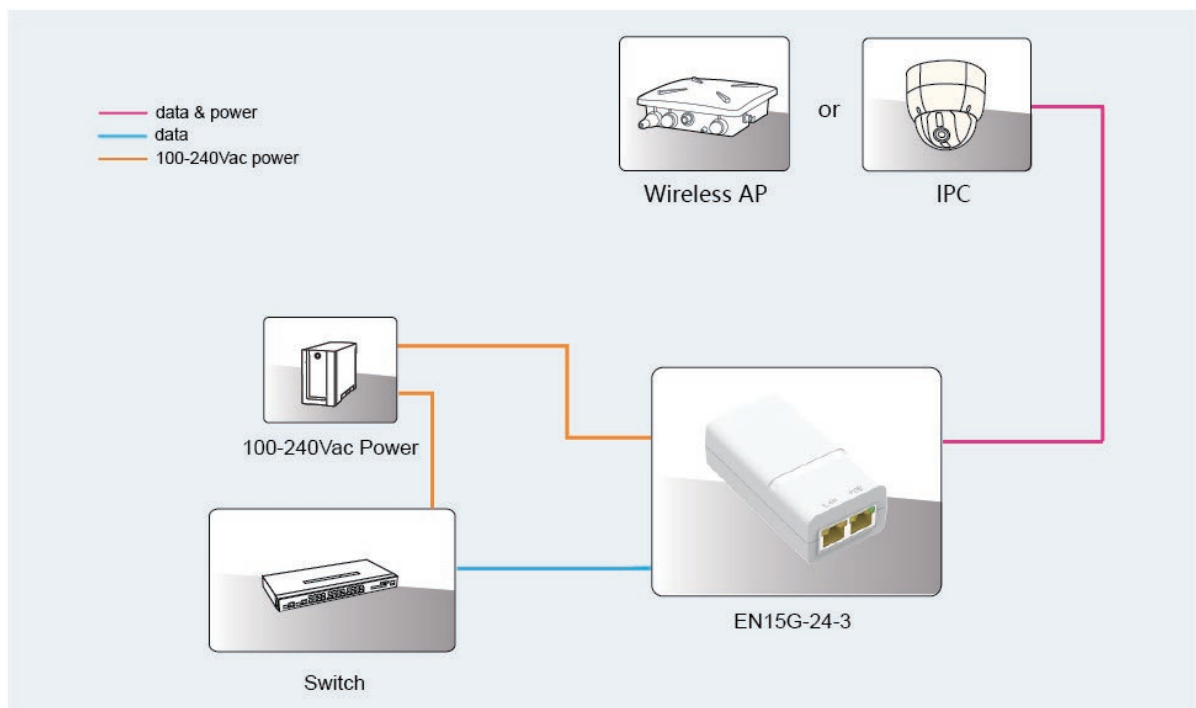


1. LAN: Data Input Port
2. PoE: Data & Power Output Port



3. PoE Load Indicator
4. 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
- 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: 86.3mm X 46mm X 30.5mm
- Weight: 90g

Safety Approvals

- CE
- FCC

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

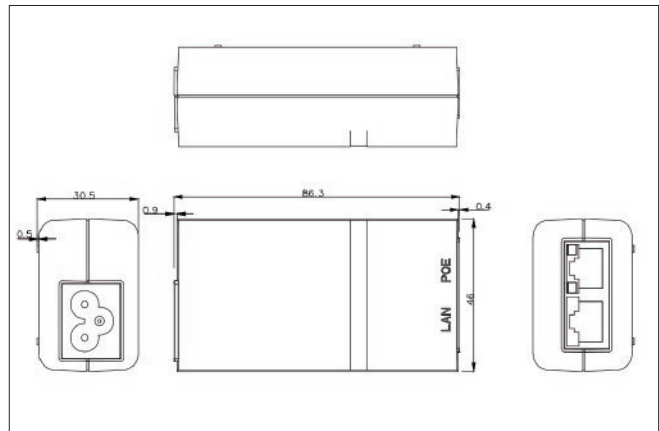
- IEC61000-4-2(ESD) $\pm 6\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2\text{kV}$; Data Port: $\pm 1\text{kV}$
- IEC61000-4-5(Surge) Power Port: $\pm 1\text{kV/DM}$, $\pm 2\text{kV/CM}$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

LED Indicator

- PoE Load Indicator : Green



Order Info. EN15G-24-3

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

Packing. EN15G-24-3
Power Cord x 1 (Optional)
Manual x 1