



Gigabit 30V PoE Injector

EN15G-30-3

Product Overview

EN15G-30-3 is a single-port PoE Injector/Midspan. It provides 30Vdc, 0.5A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It is capable of powering 15 watts PoE Powered Devices (PD's), such as wireless APs, network camera, VoIP phone, Microwave Radio and other power Ethernet terminals. It can't power up 802.3af/at standard PDs.

EN15G-30-3 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.

The effective distance is 100 meters over Cat5e/Cat6 cables. It is small in size but high performance

Product Profile

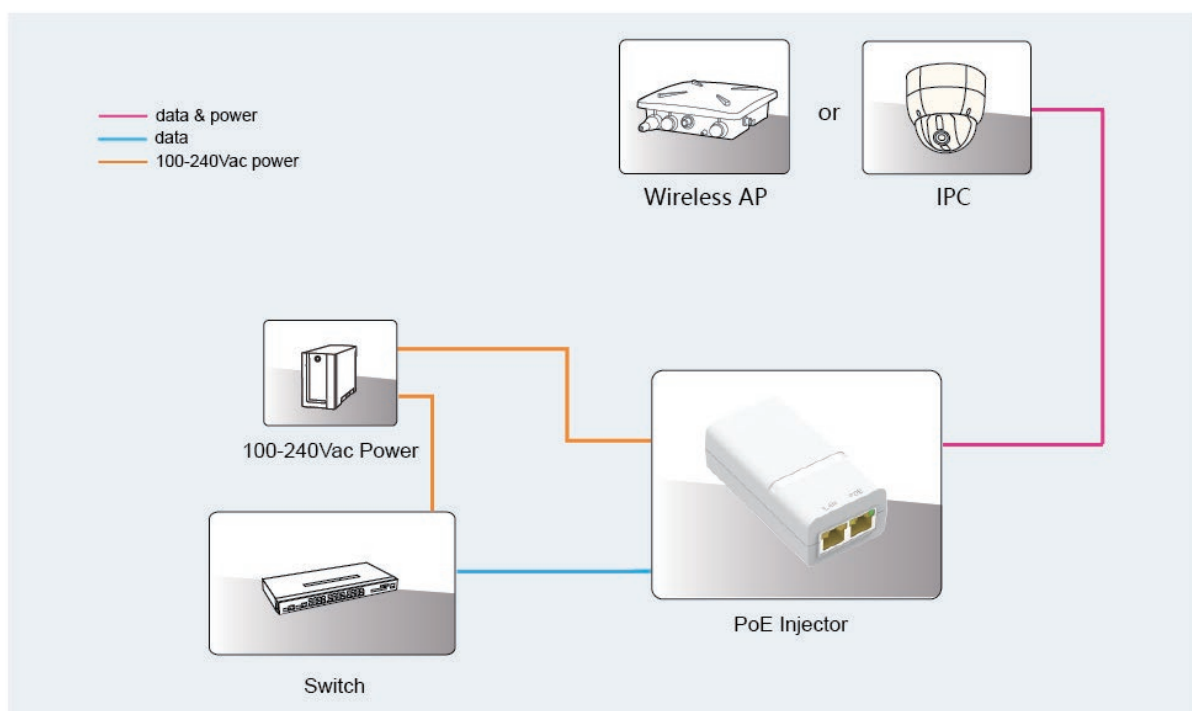


1. LAN: Data Input Port
2. PoE: Data & Power Output Port



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: 30Vdc 500mA
- 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

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

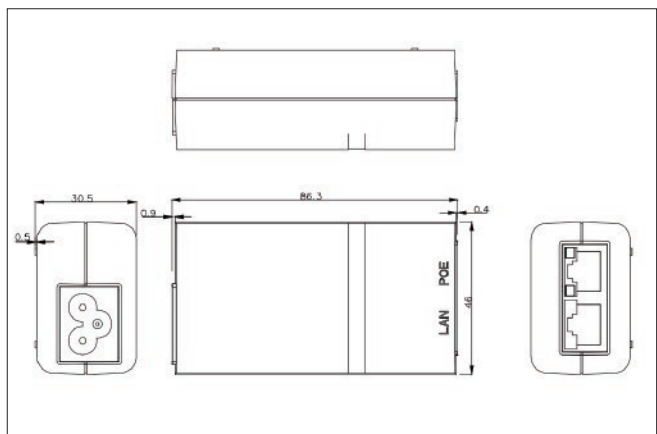
- IEC61000-4-2(ESD) $\pm 4\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: $\pm 1\text{kV}$; Data Port: $\pm 0.5\text{kV}$
- IEC61000-4-5(Surge) Line to Line: $\pm 1\text{kV}$, Line to Earth: $\pm 2\text{kV}$
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

Immunity

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

LED Indicator

- PoE Load Indicator : Green



Order Info. EN15G-30-3

30Vdc/0.5A/1000Mbps/(4,5-,7,8+)

Packing. EN15G-30-3
Power Cord x 1 (Optional)
Manual x 1