Gigabit 48V 15.36W PoE Midspan

EN15G-2

Product Overview

EN15G-2 is an indoor rated PoE midspan Injector specially designed for complex backhaul and networking applications. It provides 48Vdc, 0.32A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device.

It works for 15.4W PoE PDs, such as wireless APs, Wifi routers, Network cameras, IP Phones, Microwave Radio and other power Ethernet terminals.

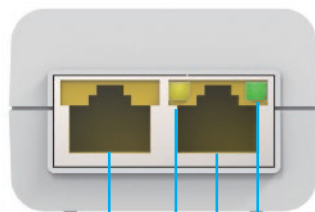Enclosed in an IP40 fire retardant plastic case.
It works with a wide input voltage of 100-240 VAC, 50 or 60 Hz.
The effective distance is 100 meters over Cat5e/Cat6 cables.

It is small in size but high performance.
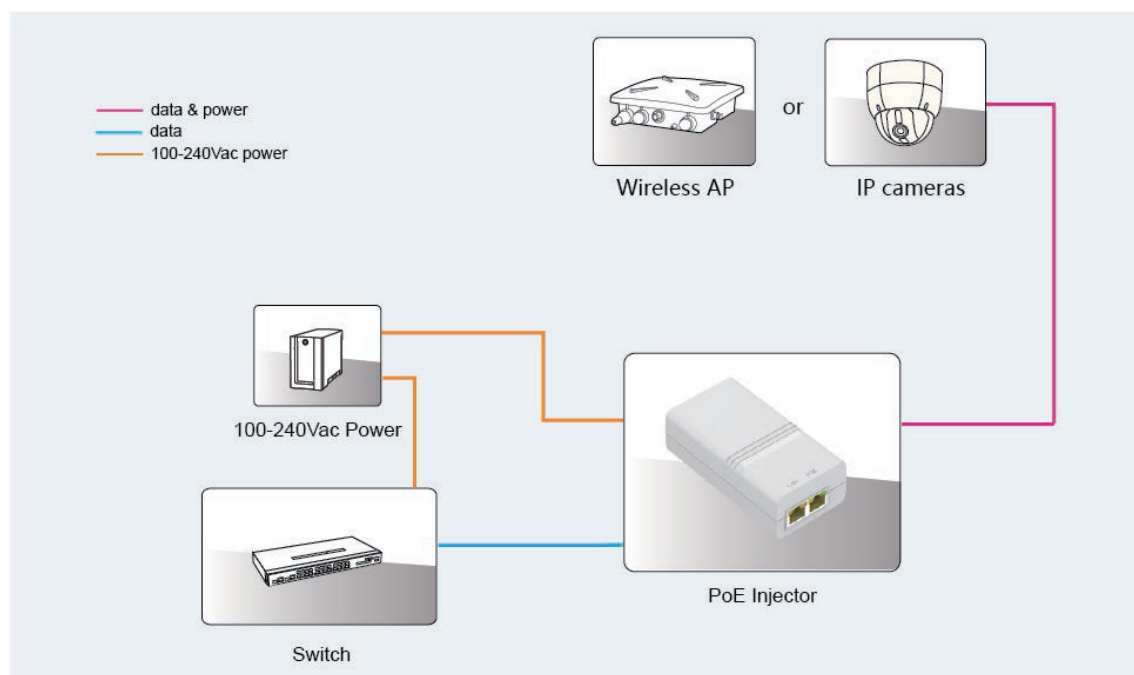
Product Profile

1   2   3   4   5

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

- data & power
- data
- 100-240Vac power

Wireless AP   or   IP cameras

100-240Vac Power

Switch

PoE Injector

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: 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: 86.3mm X 46mm X 30.5mm
- Weight: 91g

Safety Approvals

- CE   - FCC

EMI

- FCC CFR47 Part 15, EN55032, EN55035

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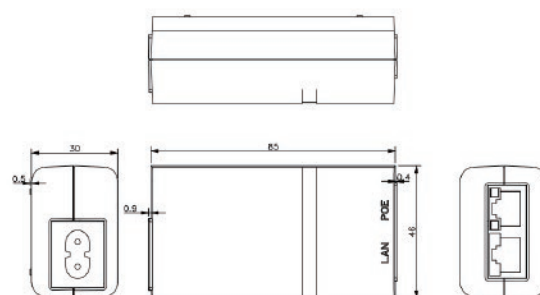
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

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-2   48Vdc/0.32A/1000Mbps/(4,5+,7,8-)

Packing.   EN15G-2
Power Cord x 1 (Optional)
Manual x 1