Gigabit Active 802.3af PoE Midspan

MAXPI15W

Product Overview

MAXPI15W is an indoor rated active 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.
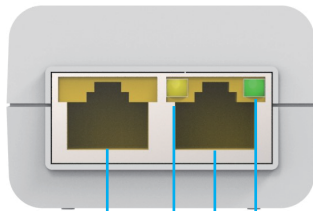
It works for 15.4W PoE PDs, such as wireless APs, Wifi routers, Network cameras, IP Phones, Microwave Radio and other power Ethernet terminals. It fully complies to IEEE802.3af PoE standard.

Enclosed in an IP40 fire retardant plastic case. It works with a wide input voltage of 100-240 VAC, 50 or 60 Hz. It has detection chip inside, which will detect and classify PD before powering it. It will not provide power until a standard-compliant PD is detected.

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

Product Profile

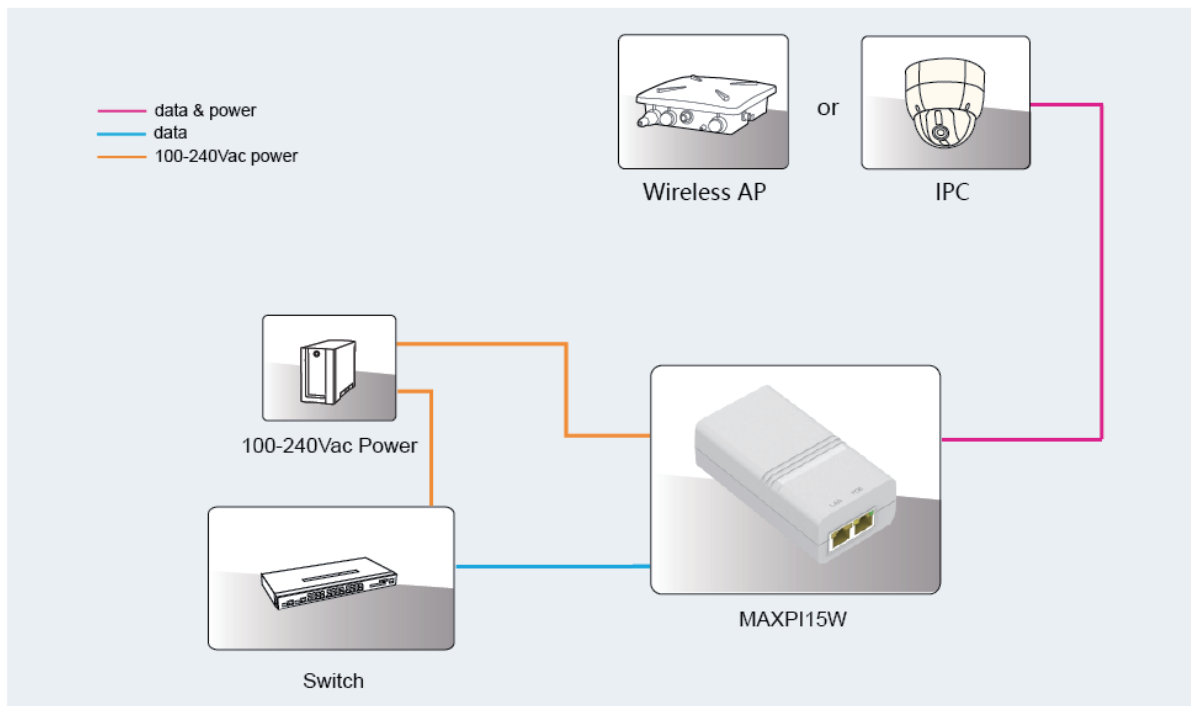1. LAN: Data Input Port
2. Power Indicator
3. PoE: Data & Power Output Port
4. PoE Load Indicator
5. AC Power Input

Product Working Diagram

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af PoE standard
- RoHS Compliance
- WEEE Compliance

Safety Approvals

- CE
- FCC

Input & Output

- Input :100-240Vac 0.5A 50/60Hz
- Output: 48Vdc 320mA
- Power Pins: 4/5(+), 7/8(-)
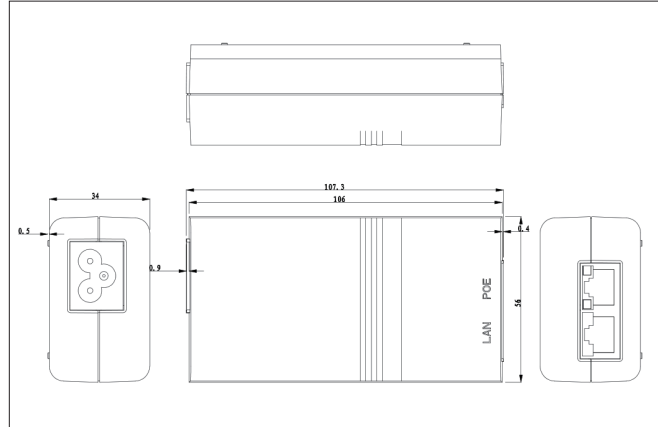- Data Speed: 10/100/1000Mbps

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)

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

Immunity

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

AC Surge Protection

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

LED Indicator

- Power Indicator : Yellow
- PoE Load Indicator : Green

Mechanical Characteristics

- Case: Plastic
- Color: White
- IP Rated: IP40
- Size: 107.3mm X 56mm X 34mm
- Weight: 150g

Order Info.   MAXPI15W

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

Packing.

MAXPI15W
Power Cord x 1 (Optional)
Manual x 1