Single Port AF standard PoE Injector

MC-POEINJ-EU

Product Overview

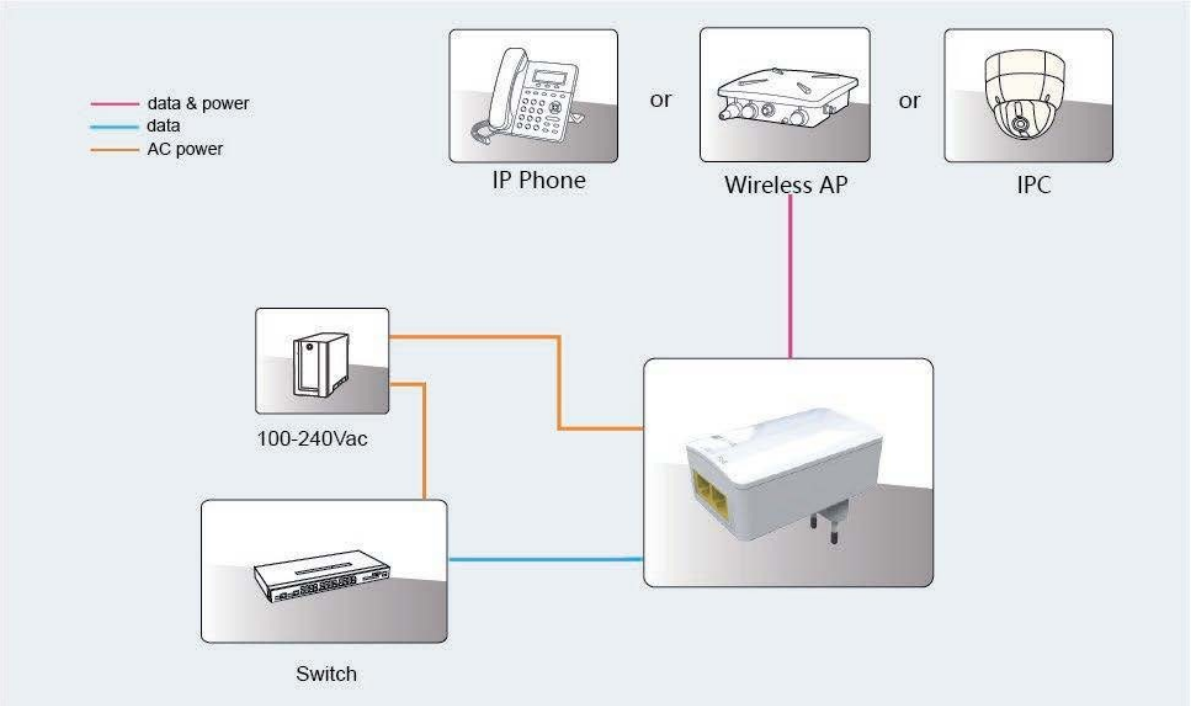
MC-POEINJ-EU is a single port PoE Injector with European standard electricial plug, which is suitable for European socket. It provides 48Vdc, 0.32A power for remote PDs over 2 pairs output. It supports both 10/100 Base-T and Gigabit device. It works for 15.4W PoE PDs, such as wireless APs, Network cameras, IP Phones and other power Ethernet terminals.
It fully complies to IEEE802.3af PoE standard terminals.

MC-POEINJ-EU is designed for plug and play indoor use with compact structure. It is of good performance but lower in cost. It works with input voltage of 100-240Vac. It has detection chip inside,which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.

Product Profile

1. PoE Load Indicator
2. LAN: Data Input Port
3. PoE: Data & Power Output Port
4. AC Power Input
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
- 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
- Mounting: Wall-plug
- IP Rated: IP40
- Size: 83mm X 51mm X 69mm
- Weight: 115g

Safety Approvals

- CE

EMI

- FCC CFR47 Part 15, EN55024, EN55032

EMS

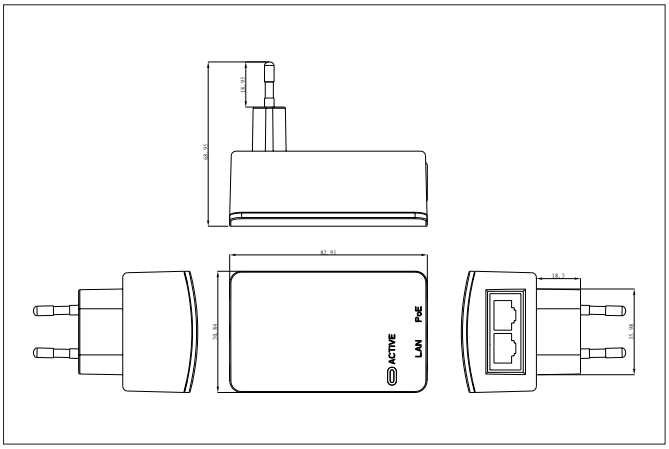
- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
- IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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

LED Indicator

- Power Indicator : Red
- PoE Load Indicator : Green



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