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GGM POEINJ60PI

60W 802.3BT Injector

Product Overview

GGM POEINJ60PI is a single port PoE Injector. It provides 55Vdc, 1.1A power for remote PDs over full 4 pairs output. It supports 10/100/1000Mbps of data speed.

It works for 60W PoE PDs, such as wireless APs, Network cameras, IP Phones and other high power Ethernet terminals.

It is fully compliant with IEEE802.3bt and backward compatible to IEEE 802.3af/at PoE standard.

GGM POEINJ60PI is designed for indoor use. 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.
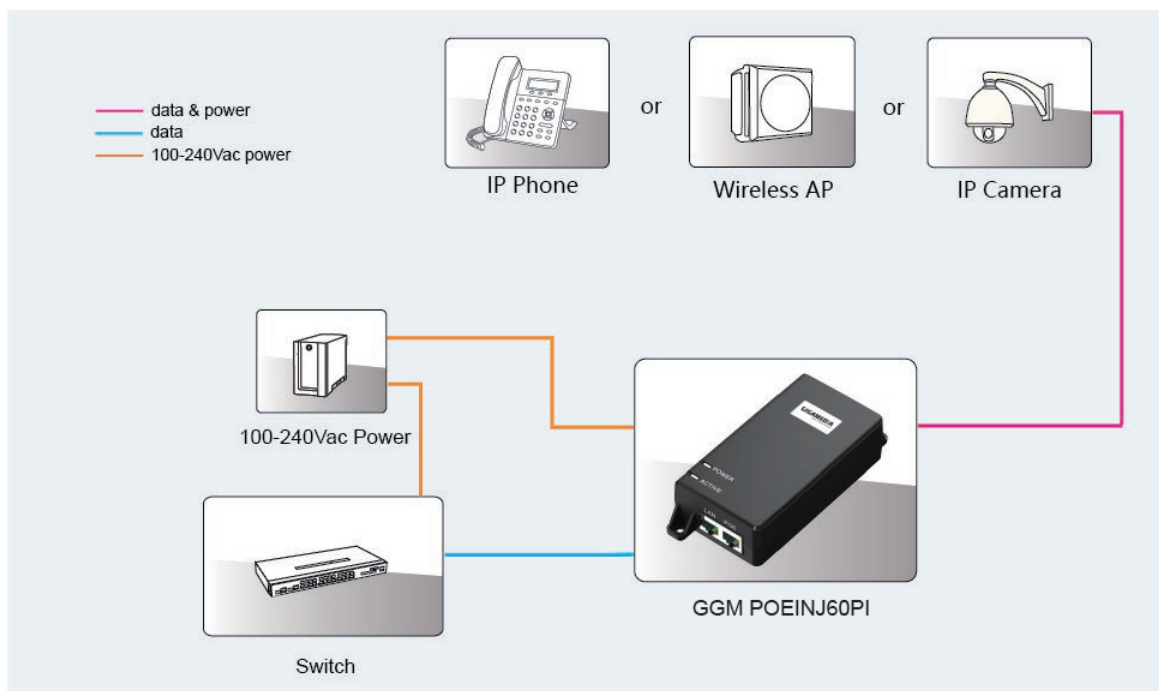
Product Profile

1 2   3 4   5   6   7

1. Power Indicator
2. PoE Load Indicator
3. LAN: Data Input Port

4.   PoE: Data & Power Output Port
6.   AC Power Input Port
5,7. Mounting Hole

Product Working Diagram

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

IP Phone   or   Wireless AP   or   IP Camera

100-240Vac Power

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Switch

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- IEEE802.3bz 2.5/5/10GbE NBASE-T
- Full compliant with IEEE802.3af/at/bt
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 1100mA
- Power Pins: 4/5(+), 7/8(-) & 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbp

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 5000meters

AC Surge Protection

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

Mechanical Characteristics

- Case: Plastic
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: 145.51mm X 65.8mm X 33.5mm
- Weight: 255g

Safety Approvals

- cUL/UL   - FCC
- CE
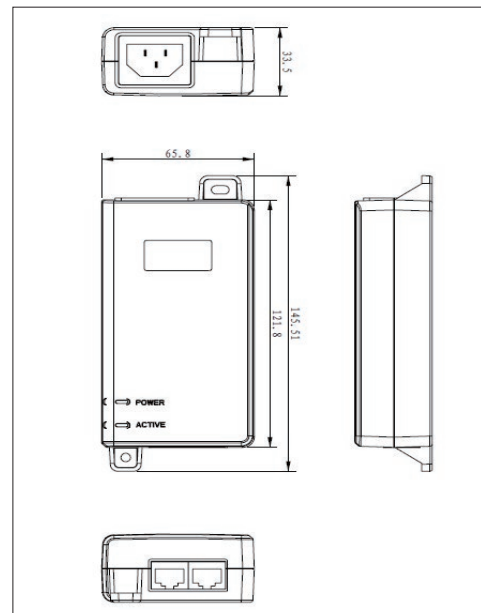
EMI

- 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 : Green
- PoE Load Indicator :
  Green @ Have power not connect to PD
  Flashing Green @ Connect to PD and detecting
  Solid Green @ Work normal

Order Info. GGM POEINJ60PI

55Vdc/1.1A/1000Mbps/(4,5+,7,8-)(3,6+, 1,2-) /802.3bt

Packing.   GGM POEINJ60PI
Power Cord x 1 (Optional)
Manual x 1