



EN30GT-10

10G Active 802.3at PoE Midspan

Product Overview

EN30GT-10 is an indoor rated active PoE midspan Injector specially designed for complex backhaul and networking applications. It provides 52Vdc, 0.58A power for remote PDs over 2 pairs output.

It supports not only 10/100/1000Mbps of data speed, but also 2.5GbE/5GbE/10GbE NBase-T. It works for 30W PoE PDs, such as wireless APs, Wifi routers, Network cameras, Microwave Radio and other power Ethernet terminals.

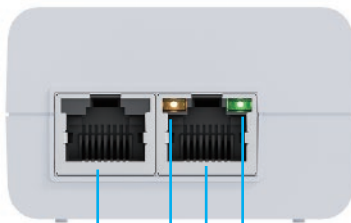
It fully complies to IEEE802.3af/at PoE standard.

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 2 3 4

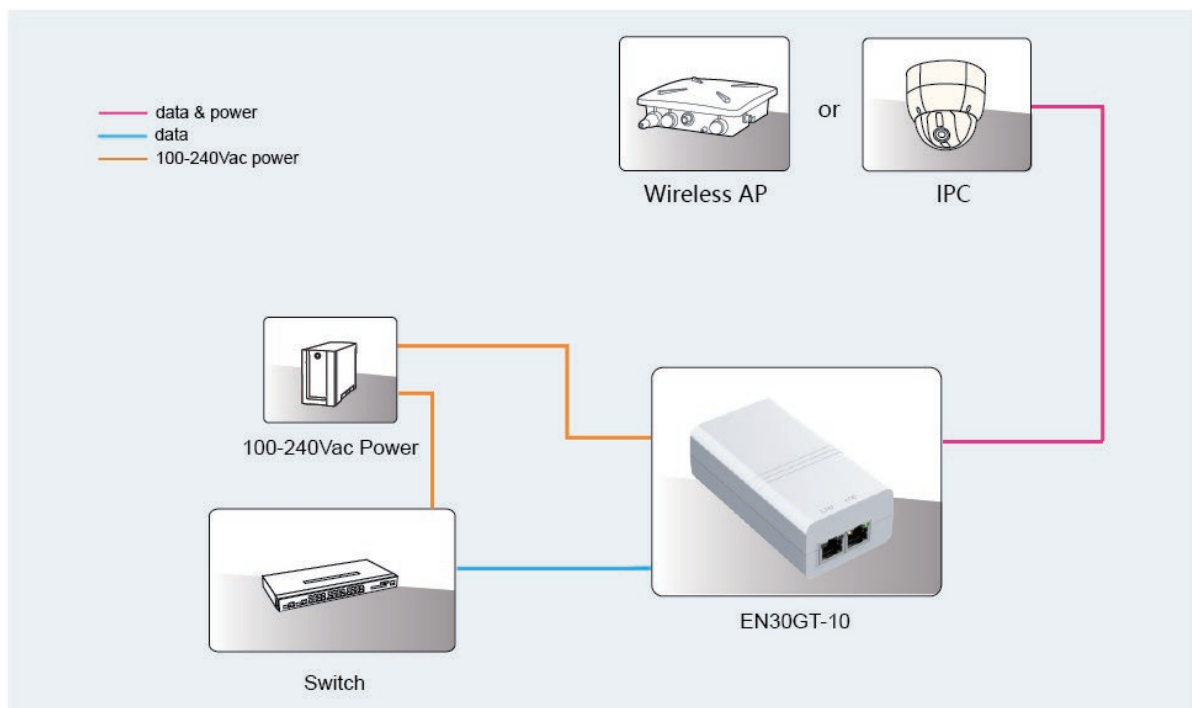
1. LAN: Data Input Port
2. Power Indicator
3. PoE: Data & Power Output Port



5

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
- IEEE802.3bz 2.5GbE/5GbE NBASE-T
- Full compliant with IEEE802.3af/at PoE standard
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 1.0A 50/60Hz
- Output: 52Vdc 580mA
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000Mbps & 2.5/5/10GbE

Working Environment

- Operating Temperature: 0°C to 40°C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20°C to 70°C
- 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: 107.3mm X 56mm X 34mm
- Weight: 155g

Safety Approvals

- UL
- CE
- FCC

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

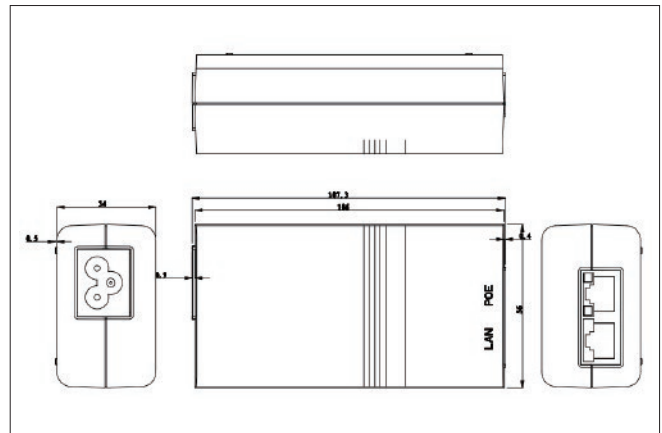
- IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
- IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

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. EN30GT-10

52Vdc/0.58A/10G/(4,5+,7,8-)/Active

Packing. EN30GT-10
Power Cord x 1 (Optional)
Manual x 1