



Model

POE 10

Gigabit PoE Extender



1. Overview

Ethernet and PoE connections both restrict cable distances to 100 meters between network ports. To overcome this distance limit, network installers can simply connect an PoE Extender in-line with the Cat-5e or Cat-6 cable.

With PoE Extender, PDs (such as IP Security Cameras, VoIP telephones, wireless access points) can be installed at greater more than 100 meters from one another. By connecting PoE Extender for every extra 100 meters of cable, both Ethernet and PoE can be extended to 200 meters, 300 meters or even greater distances, depending on PDs power required and power source.

Gigabit PoE Extender does not require any additional power supply and the connected PDs is fed by an single PoE switch or mid-span, which simplifies installation. PoE Extender offers two Ethernet ports, which are both configured automatically for link speed, duplex and crossover and the full-rate network throughput is main-tained.

2. Features

1. Compatible with 10/100/1000Mbps Ethernet
2. Compatible with IEEE802.3af (15.4W) and IEEE802.3at (30W)
3. Extends the range of PoE and Ethernet an additional 100 meters
4. No additional power supply is required
5. Automatically detects and protects PoE equipments from being damaged by incorrect installation
6. Full-rate network throughout the whole extended distance
7. Compact size, Wall-Mountable design
8. Easy plug-and-play installation

3. Specification

| | |
|----------------------------|---|
| Model | POE10 |
| No. of channels | 1 |
| Pass Through Data Rates | 10/100/1000 Mbps half/full duplex |
| Power over Ethernet input | PinAssignment and Polarity: Both 1/2 (-), 3/6 (+) and 7/8 (-), 4/5 (+) |
| Power over Ethernet Output | PinAssignment and Polarity: 1/2 (+), 3/6 (-) Output Power: up to 25W |
| Indicators | LED indicators are located on the RJ45 connector |
| | Power indicator: PoE enabled |
| | Network indicator: Link/Act |
| Connectors | Shielded RJ-45, EIA568A and 568B |
| Network cables | Shielded category 5 (or higher) |
| Dimensions | 145mm x 60mm x 40mm |
| Mounting | Wall of shelf |
| Environment | Indoor or Outdoor |
| Regulatory Compliance | IEEE 802.3af (PoE), IEEE 802.3at (PoE+) |
| Environmental Conditions | Operating Ambient Temperature: -10 to 45°C |
| | Operating Humidity: Maximum 90%, Non-condensing |
| | Storage Temperature: -20 to 60°C |
| | Storage Humidity: Maximum 95%, Non-condensing |