



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 a 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 maintained.

2. Features

1. Compatible with 10/100/1000Mbps Ethernet
2. Compatible with IEEE802.3af and IEEE802.3at
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	Pin Assignment and Polarity: Both 1/2 (-), 3/6 (+) and 7/8 (-), 4/5 (+)
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+) Output Power: up to 22W
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 or 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