



2-Channel Outdoor Gigabit PoE Extender

Model: POE 25

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 a PoE Extender in-line with the Cat-5e or Cat-6 calbe (Outdoor type).

With Gigabit PoE Extender, PDs (such as IP Security Cameras, wireless access points) can be installed at greater distances 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, 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 Three Ethernet ports, which are both configured automatically for link speed, duplex and crossover and the full-rate network throughput is main-tained. PoE in connection PoE Swith, 12.36 or 45.78 powered support, support IEEE802.3af & at the power supply, PoE out for the supply terminal 2 Gigabit, PoE total power can reach 60W. PoE Switch or PoE Injector need to provide IEEE802.3at 4Pairs (60W) power.

2. Features

1. IEEE802.3af/802.3at/802.3bt compliant
2. One Gigabit PoE input port (60 watts max)
3. Two Gigabit PoE output ports (2 x 30 watts max)
4. Extends PoE signal for additional 100 meters
5. No additional power supply required
6. Automatically detects PoE and Non-PoE equipments
7. Wall-mount design, plug and play
8. IP67 Waterproof compliant

3. Specification

Model	POE25
No. of channels	1(PoE IN) into 2(PoE OUT)
PassThrough Data Rates	10/ 100/ 1000 Mbps half/ full duplex
Power over Ethernet Input	Pin Assignment Polarity: Both 1/2 (-), 3/6 (+) and 4/5 (+), 7/8 (-)
Power over Ethernet Output	Pin Assignment and Polarity: 1/2(+), 3/6(-) Output Power : up to 30W for 2 PSE
Connectors	Shielded RJ45, EIA 568A and 568B
Network cables	Shielded Cat 5e (or higher)
Dimensions	230mm x 90mm x 40mm
Mounting	Wall of shelf
Environment	Indoor or Outdoor
Environmental Conditions	Operating Ambient Temperature: -25°C to 55°C Operating Humidity: Maximum 90% Non-condensing Storage Temperature: -40°C to 70°C Storage Humidity: Maximum 95% Non-condensing
Regulatory Compliance	EEE 802.3af (15.4W) IEEE 802.3at (30W) IEEE802.3bt 4Pairs (60W)