

2 Port Outdoor Gigabit PoE Extender

JHA-IPG102-BT



Description:

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 cable.

With PoE Extender, PDs (such as IP Security Cameras, VoIP telephones, 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, 300 meters, or even greater distances, depending on PDs power required and power source.

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.

Features:

- * IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt
- * One PoE Input (PD port) and Two PoE output (PSE ports)
- * Extends the range of PoE and Ethernet an additional 100 meters.
- * No additional power supply is required.
- * Automatically detects and protects PoE equipment from being damaged by incorrect installation.
- * Full-rate network throughout the whole extended distance.
- * Compact size, Wall-Mountable design.
- * Easy plug-and-play installation.
- * IP65 Aluminum case

Specifications:

| Power over Ethernet | |
|---------------------|---|
| PoE Interfaces | 1 x RJ-45 Connector for 802.3af/at/bt Power input 2 x RJ-45 Connector for 802.3af/at/bt Power output |
| PoE Standard | IEEE802.3af, IEEE802.3at, IEEE802.3bt |
| Input PoE Voltage | 44~57VDC |

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|----------------------------------|---|
| Input PoE Pin Assignment | V+ (RJ45 Pin3,6), V- (RJ45 Pin 1,2) and V+ (RJ45 Pin4,5), V- (RJ45 Pin 7,8) |
| Output PoE Wattage | ≥65W |
| Output PoE Pin Assignment | V+ (RJ45 Pin3,6), V- (RJ45 Pin 1,2) and V+ (RJ45 Pin4,5), V- (RJ45 Pin 7,8) |
| Power cost | ≤5W |
| Physical | |
| Dimensions | 170 x 78 x 35mm |
| Operating Temperature | -40 to 75°C |
| Storage Temperature | -40 to 85°C |
| Operating Humidity | 5 to 95% Noncondensing |
| Ingress Protection Level | IP65 |
| EMC Safety | FCC, CE, RoHS |
| Package List | |
| PoE Extender | 1pcs |
| User Manual | 1pcs |

Order Information:

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|----------------------|--------------------------------------|
| Models | |
| JHA-IPG102-BT | 2 Ports Outdoor Gigabit PoE Extender |