Ultra Long Range Outdoor Fast Ethernet PoE+ Extender Kit

Extends PoE up to 1000 m (3280 ft.), One PD Port up to 95 W, IEEE 802.3bt (4PPoE) Compatible, IP67 Waterproof and Dustproof, Set of Two Modules, Plastic, Gray

Part No.: 561952

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Ultra Long Distance Power over Ethernet Extension / Repeater / Amplifier for a PoE range up to 1,000 m (3,280 ft.) - even in harsh outdoor conditions

The Intellinet Network Solutions Ultra Long Range Outdoor Fast Ethernet PoE+ Extender Kit adds up to 1,000 m (3,280 ft.) to the connection distance from a PoE source to an output device via Cat5e or Cat6 cable. It has an output power rating up to 30 watts, which is enough for many power-hungry PoE devices. Its high range and weatherproof housing is especially useful for outdoor IP surveillance camera deployments. This PoE repeater delivers up to 30 W at 100 Mbps over 300 m (984 ft.) or up to 15.4 W at 10 Mbps over 800 m (2625 ft.).

Designed for Outdoor Use

This PoE+ extender offers the right power and data connector for longer-distance applications and suits a wide variety of environments. Its weatherproof IP67 (waterproof and dustproof) rating and a wide operating temperature range of -10 - 55°C (14 - 131°F) make it able to withstand harsh outdoor conditions.

Power over Ethernet 802.3bt-compliant Input, 802.3at/af-compliant Output

Supporting the IEEE 802.3bt protocol with input power up to 95 W, this PoE+ Extender Kit provides up to 30 watts to a connected 802.3at-compliant device

or 15 W to an 802.3af-compliant device, along with data up to Fast Ethernet speeds.

Reduced Wiring Costs

This PoE+ Extender helps avoid the expense of running AC power lines to a wireless access point, network camera or IP phone. Simply connect the extender to the LAN switch port through existing Cat5e/6/6a cables to deliver DC power as well as transfer data.

Safe Protection for your Expensive Network Equipment

The auto-sensing technology of this high-power PoE extender ensures that your products are protected from power problems like short circuits (short GND), current overloads and high voltages.

Simple Installation with Cascading Power

This PoE Extender was designed to be as easy as possible to set up and use. All it takes to have it up and running is to connect its **PoE In** port to your PoE injector or PoE switch and to connect the **PoE Out** port to the PoE device you want to connect (e.g., a VoIP phone or a PoE network camera). The kit includes two modules that always need to be used together for maximum distance capabilities.

Features:

- Extremely high PoE range and weatherproof housing ideal for IP camera installations
- IP67-rated, dustproof and waterproof
- Delivers data up to 1000 m (3280 ft.) without packet loss
- Kit includes two modules for maximum distance capabilities
- Compatible with IEEE 802.3bt/at/af-compliant powered devices (PD) such as network cameras, wireless access points, VoIP phones and more
- Supports 10/100 Mbps data rates
- Short-circuit, overload and high-voltage protection
- Requires no additional power supply; draws power directly from the PoE input
- Compatible with IEEE 802.3bt/at/af-compliant PoE injectors and PoE switches (PSE)
- Plug-and-play installation; no configuration required
- Fully NDAA-compliant
- Three-year warranty

Specifications:

Standards
• IEEE 802.3af (Power over Ethernet) compatible
• IEEE 802.3at (High-Power PoE+ Power over Ethernet) compatible
• IEEE 802.3bt (PoE++/4PPoE/Ultra Power over Ethernet) compatible
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3x (Full duplex and flow control)

General
• Media support:
  - 10Base-T Cat3/4/5/5e/6/6a UTP/STP RJ45
  - 100Base-TX Cat5/5e/6/6a UTP/STP RJ45
• Certifications: FCC, CE, RoHS, UKCA, NDAA

Electrical
• Input: Supports IEEE 802.3at/af/bt up to 95.0 W
• PoE Pinout Input:
  - IEEE Alternative A (pairs 1/2 and 3/6)
  - IEEE Alternative B (pairs 4/5 and 7/8)
• PoE Pinout Output:
  - IEEE Alternative A (pairs 1/2 and 3/6)
• Output: Supports IEEE 802.3at/af/bt standards with limited output due to distance, refer to documentation
• Power consumption 0.4 W (no load) / 0.7 W (full load) max.

Physical
• IP67-rated plastic housing (weather-proof)
• Dimensions (L x W x H): 157 x 29 x 29 mm (6.18 x 1.14 x 1.14 in.)
• Net weight: 155 g (0.34 lbs.)
• Gross weight: 194 g (0.43 lbs.)
• Operating temperature: -10 - 55°C (14 - 131°F)
• Storage temperature: -40 - 70°C (-40 - 158°F)
• Operating humidity: 10 - 90% RH, non-condensing
• Storage humidity: 5 - 90% RH, non-condensing

Package Contents
• Ultra Long Range Outdoor Fast Ethernet PoE+ Extender Kit
• Four IP67-rated cable glands
• Instructions

NOTE: For full technical information on PoE standards, voltage, wattage and distance, please refer to the chart in the Downloads section.

OUTPUT PORT

INPUT PORT