

2-Port Gigabit Ultra PoE Extender

Adds up to 100 m (328 ft.) to PoE Range, PoE++ Power Budget 60 W, Two PSE Ports with 30 W Output Each, IEEE 802.3bt (4PPoE) Compliant, Metal Housing

SKU: 561600 | EAN-13: 0766623561600 | UPC: 766623561600

Gigabit PoE Extender — for doubling the range of a Gigabit Power over Ethernet connection

The Intellinet Network Solutions 2-Port Gigabit Ultra PoE Extender adds up to 100 m (328 ft.) to the connection distance from a PoE source to two output devices via Cat5e or Cat6 cable. This PoE++ extender does not need an additional power supply since it draws its power from the PoE input.

Reduced Wiring Costs

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

Power over Ethernet 802.3bt Compliant

The Intellinet Network Solutions 2-Port Gigabit Ultra PoE Extender supports the IEEE 802.3bt protocol over four pairs (4PPoE), which allows for a power input of 60 W. It forwards data at Gigabit speeds and offers up to 30 watts per port to a connected IEEE 802.3at- or IEEE 802.3af-compliant device. The cable length on both ends can be up to 100 meters (328 ft.), bringing the total distance between PoE source and device to 200 m (656 ft.).

Simple Installation

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" ports to the PoE devices you want to connect (e.g., a VoIP phone and a PoE network camera).

Features:

- Doubles the maximum connection distance between PoE source and device from 100 m (328 ft.) to 200 m (656 ft.)
- Connects and powers two PoE devices such as network cameras, wireless access points or VoIP phones, from one PoE injector or PoE switch PSE port
- Delivers up to 60 W to two connected PoE devices with up to 30 W per port
- Supports 10/100/1000 Mbps data rates
- Total PoE power budget of 60 watts
- Saves time and money by delivering data and power via existing network cables
- PoE awareness ensuring that power is only sent to IEEE 802.3at/af-compliant devices; non-PoE devices only receive data
- Short-circuit, overload and high-voltage protection
- Grounding point to protect equipment from external electrical surges
- 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)
- Compatible with IEEE 802.3at/af-compliant powered devices (PD)
- Functional as a PoE-powered 3-port Gigabit switch with PoE passthrough
- Switch fabric of 6 Gbps
- Supports jumbo frames up to 9 kBytes
- Supports 2048 MAC address entries
- LEDs for PoE and data
- Fanless design ideal for silent operation

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- Compact metal case
- Rubber feet for non-slip desktop use
- Fully NDAA-compliant
- Three-year warranty

Specifications:

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

General
• Media support:
- 10Base-T Cat5e UTP/STP RJ45, 8 pin
- 100Base-TX Cat5e UTP/STP RJ45, 8 pin
- 1000Base-T Cat5e UTP/STP RJ45, 8 pin
• Ports:
- One RJ45 10/100/1000 Mbps input port
- Two RJ45 10/100/1000 Mbps PoE output ports
• MAC address table: 2048 entries
• Buffer memory: 256 kB
• Backplane speed: 6 Gbps
• Switch architecture: store and forward
• Certifications: FCC Class A, CE, RoHS, UKCA, NDAA

LEDs
• PoE
• Link/activity

PoE Pinout
- Pin 1: DC (+)
- Pin 2: DC (+)
- Pin 3: DC (-)
- Pin 6: DC (-)

Power
• Max PD output power: 30 W per port, 44 – 57 VDC
• Input power: IEEE 802.3bt/at/af compliant PSE, 60 W max., 50 – 57 VDC

Environmental
• Metal housing
• Dimensions: 130 x 86 x 29 mm (5.12 x 3.39 x 1.14 in.)
• Weight: 331 g (0.73 lbs.)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Storage temperature: -10 – 70°C (14 – 158°F)
• Operating humidity: 20 – 85% RH, non-condensing

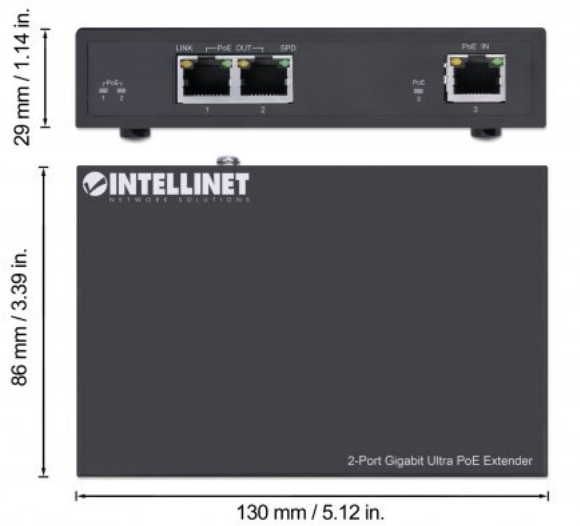
Package Contents
• 2-Port Gigabit Ultra PoE Extender
• Four rubber feet
• Instructions



For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.









All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.