Gigabit Ethernet PoE/PoE+ Extender, Water Resistant - Cat5e/6/6a, IP65, IEEE 802.3at/af, 30W, 1 Port

MODEL NUMBER: **NPOE-EXT-1G30WP**











Extends a 10/100/1000 Mbps network connection between a powered source device and a PoE/PoE+ device up to 328 ft. (100 m).

Features

Gigabit Extender Lets You Cascade Your Existing PoE/PoE+ Connection up to 500 Meters
This single-port connector allows you to extend the connection between your powered source device, such as a PoE (Power over Ethernet) switch, and a remote PoE device an extra 328.08-ft. (100 m). In addition, by cascading as many as four NPOE-EXT-1G30 extenders, you can extend that connection as far as 1640 feet (500 meters) total. Just connect the extender between two sections of Cat5e/6/6a cable up to 328.08-ft. (100 m) each.

Saves You Time and Money on Unnecessary Equipment Updates
The compact PoE/PoE+ extender delivers 10/100/1000 Mbps of data and up to 30 watts of power using existing Cat5e/6/6a cables, eliminating the need to install new AC power lines and electrical outlets. This cost-effective extender sends DC power and Ethernet data through your Ethernet cable, cutting down on cable clutter, equipment costs and installation time and labor. It also automatically detects PoE/PoE+ equipment and protects it from being damaged by incorrect installation.

Supports Power over Ethernet to Save You Money and Give You More Installation Choices
Because this extender supports PoE, it can supply the power to operate compatible IEEE 802.3at/af PoE devices, such as security cameras, VoIP telephones, point-of-sale kiosks and access control devices. This saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device. It also helps you install PoE devices in areas far away from AC outlets, such as poles or ceilings. It supports half/full-duplex 1 Gbps communication for sending and receiving data simultaneously, and protects your PoE device against short circuits and overloads.

IP65 Rating Denotes Resistance to Dust and Water
The IP65 rating means the aluminum housing is not only 100% protected against dust, but also able to endure water spray, such as from a nozzle, from all directions. This makes the NPOE-EXT-1G30WP ideally suited to outdoor use.

Simple Plug-and-Play Installation Has Your Device Connected in Minutes
No configuration or software is required to add the NPOE-EXT-1G30WP to your LAN. Just connect your switch or network jack and your PoE/PoE+ device to the shielded RJ45 Power + Data ports using existing Cat5e/6/6a cable. LEDs indicate the unit is receiving power and is ready to transmit data.

Highlights

- Saves money by delivering 30W of power + data up to 328.08-ft. (100 m) through existing cabling
- Cascade up to 4 extenders to extend PoE connection up to 1640 ft. (500 m) total
- Extends power + data to any PoE or PoE+ device installed where no AC outlet is available
- Supports Gigabit Ethernet data transfer speeds up to 1000 Mbps (1 Gbps)
- Aluminum housing is IP65 rated for protection against water spray from all directions

Applications

- Install a touchscreen kiosk or VoIP phone in an area without a standard power connection
- Fill in Wi-Fi dead spots in your office with a wireless access point connected to your LAN
- Set up digital signage in an outdoor environment susceptible to rain, such as a mall, stadium or college campus
- Connect security cameras and other A/V surveillance equipment in a video wall

System Requirements

- Device that meets IEEE 802.3af / IEEE 802.3at standards

Package Includes

- NPOE-EXT-1G30WP Gigabit Ethernet PoE/PoE+ Extender - IEEE 802.3at/af, 30W, 1 Port
- (2) Water-resistant covers
- Owner’s manual

Designed for Installation Almost Anywhere
Mounting holes are featured for installing the extender on a shelf, desktop, wall or any other smooth surface with user-supplied hardware. The silver aluminum housing fits in the palm of your hand, so it is small enough to hide away without interfering with your workflow or décor. The fanless design is ideal for silent operation.

Specifications

OVERVIEW	
UPC Code	037332236135
Product Type	Extender
Technology	Cat5/5e; Cat6; Cat6a
POWER	
Power Consumption (Watts)	30.00
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Network Switch Ports	10/100/1000 (RJ45)
PHYSICAL	
Primary Form Factor	Desktop; Wall-mount
Color	Silver
Shipping Dimensions (hwd / in.)	1.77 x 6.10 x 3.15
Unit Dimensions (hwd / in.)	5.700 x 2.400 x 1.600
ENVIRONMENTAL	
Operating Temperature Range	14° to 113°F (-10° to 45°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Operating Humidity Range	0% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 95% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at; 802.3u; 802.3x
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	

Product Warranty Period (Worldwide)	3-year limited warranty

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