2-Port Gigabit Ethernet PoE+ Extender/Repeater - Cat5e/6/6a, 95W, IP67, IK10, 328 ft. (100 m)

MODEL NUMBER: **NPOE-EXT-2X1G30**



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

Highlights

- Saves money by delivering 95W of power + data up to 328 ft. through existing cabling
- Cascade up to 3 extenders to extend PoE connection up to 1,312 ft. total
- Supports Gigabit Ethernet data transfer speeds up to 1000 Mbps (1 Gbps)
- IP67 rated to resist dust and endure immersion in 1 m of water up to 30 min.
- IK10 rated to resist 20 joules on impact, such as a blow from a 10 kg hammer

Package Includes

- NPOE-EXT-2X1G30 2-Port Gigabit Ethernet PoE+ Extender/Repeater
- (3) Waterproof cable connectors
- Wrench
- Quick Start Guide

Features

Gigabit Extender Lets You Cascade Your Existing PoE/PoE+ Connection up to 400 Meters
This dual-port extender/repeater allows you to extend the connection between your powered source device, such as a PoE (Power over Ethernet) switch, and two remote PoE devices an extra 328 feet (100 meters). In addition, by cascading as many as three NPOE-EXT-2X1G30 extenders, you can extend that connection as far as 1,312 feet (400 meters) total. Just connect the extender between two sections of Cat5e/6/6a cable up to 328 feet each.

Saves You Time and Money on Unnecessary Equipment Updates
The compact Type 4 PoE/PoE++ extender delivers 10/100/1000 Mbps of data and up to 100 watts of power per port 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 Type 4 PoE, it can supply the power to operate compatible IEEE 802.3at/af/bt 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 devices against short circuits and overloads.

IP67 Rating Denotes Resistance to Dust, Sand and Water
The IP67 rating means the aluminum housing is 100% protected against dust and sand. The housing can also endure immersion in one meter of water for up to 30 minutes, as well as water spray from all directions, such as from a nozzle, with no damage or decline in performance.

IK10 Rating Denotes Resistance to Vandalism
The IK10 rating (the strongest IK rating) means the aluminum housing is vandal-resistant up to 20 joules – the equivalent of dropping an 11-pound weight on the extender from a distance of 15 inches.

Simple Plug-and-Play Installation Has Your Device Connected in Minutes
No configuration or software is required to add the NPOE-EXT-2X1G30 to your LAN. Just connect your switch or network jack and your PoE/PoE++ devices to the shielded Power + Data ports using existing

Cat5e/6/6a cable. A green LED indicates the unit is receiving a signal and is ready to transmit data and power.

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 is compact enough to hide away without interfering with your workflow or décor. The fanless design is ideal for silent operation.

Specifications

OVERVIEW	
UPC Code	037332267146
Product Type	PoE Extender
Technology	Cat5/5e; Cat6; Cat6a; PoE
CONNECTIONS	
PoE Supported Ports	2
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
PoE Type	Type 4 High-Power (100W, IEEE 802.3bt)
PHYSICAL	
Primary Form Factor	Desktop; Wall-mount
Color	Silver
Shipping Dimensions (hwd / in.)	3.31 x 9.84 x 7.87
Unit Dimensions (hwd / in.)	5.910 x 2.870 x 1.730
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-40° to 176°F (-40° to 80°C)
Operating Humidity Range	10% to 90% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at; 802.3bt; 802.3u; 802.3x
FEATURES & SPECIFICATIONS	
Recommended Category Cable	Cat6, Cat6a Cables
Outdoor Use	Yes

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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