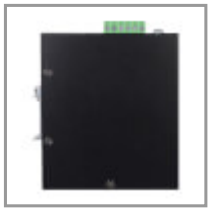
Industrial Gigabit Ethernet PoE injector, 60W PoE++, 802.3bt, Midspan, -40 to +75, IP30 housing, Dual 24-57VDC , DIN rail, 1 Port, TAA

MODEL NUMBER: **NPOEI-60W-1G**



Industrial-grade PoE+ injector uses existing Cat6 cable to supply 60W power + data up to 328 ft. to a PoE device connected to a non-PoE switch.

Features

Now You Can Add a PoE Device to Your LAN Without a PoE Switch
Add a surveillance camera, wireless access point, VoIP phone, outdoor kiosk, smart lights or other PoE (Power over Ethernet) device to your home or office network, even if your network switch doesn't support PoE. Instead of making an expensive upgrade to a PoE switch, you can use this single-port PoE++ injector to send 60W of power, as well as Gigabit Ethernet data, through your existing Cat5e/6/6a cabling. It is recommended for Wi-Fi applications that require more than 30W of power.

Saves You Time and Money on Unnecessary Equipment Updates
This compact PoE plus injector delivers 10/100/1000 Mbps (1 Gbps) of data and up to 60W of power using existing Cat5e/6/6a cables. That means, in addition to not buying a new PoE network switch, you also don't need to install new AC power lines and electrical outlets. This cost-effective midspan injector sends DC power and Ethernet data through your Ethernet cable, cutting down on cable clutter, equipment costs and installation time and labor.

Expand Your PoE Network Up to 328 ft.
The NPOEI-60W-1G delivers both power and data to any IEEE 802.3af (PoE), 802.3at (PoE+) or 802.3bt (4PPoE) device up to 328 feet (100 meters) away. This allows you to install a device in a building lobby, on a ceiling, inside a warehouse or anywhere else an AC power outlet is unavailable. The PoE+ injector supports full-duplex 2 Gbps communication for sending and receiving data simultaneously. It also protects your device against short circuits, high voltage and overloads.

Simple Plug-and-Play Installation Has Your Device Connected in Minutes
No configuration or software is required to add the NPOEI-60W-1G to your LAN (local area network). Just connect your switch or Ethernet network to the shielded RJ45 LAN port and your PoE device to the shielded RJ45 PoE port using existing Cat5e/6/6a cable. The included terminal block offers dual primary and redundant power inputs. DIP switches and LEDs help you find the right settings for your application. The NPOEI-60W-1G automatically detects which connected devices are compatible.

Designed for Installation on a DIN Rail
A DIN rail kit is included for mounting the IP30-rated metal housing on a well-grounded corrosion-free rail. The fanless design is ideal for silent operation.

Highlights

- Saves money by delivering 60W of power + data up to 328 ft. through existing cabling
- 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)
- Quick and easy plug-and-play installation with no configuration necessary
- Industrial-grade IP30 metal housing ready for DIN rail-mounting with included hardware

Applications

- Add a security camera to your network without upgrading to a new PoE switch
- 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

System Requirements

Device that meets IEEE 802.3af, 802.3at or 802.3bt standards

Package Includes

- NPOEI-60W-1G Industrial Gigabit PoE++ Midspan Injector
- 24-57VDC terminal block
- DIN rail-mounting kit
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332265913
Product Type	Ethernet PoE Injector
DC Output Current	1.6A
Technology	PoE
INPUT	
Voltage Compatibility (VDC)	24-57
Input Frequency	50/60 Hz
OUTPUT	
Frequency Compatibility	50 / 60 Hz
Output Voltage (VDC)	54
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
PoE Type	Type 3 PoE++/UPoE (60W, IEEE 802.3bt)
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	PWR (Green) - Power; RPS (Green) - Redundant Power; ALM (Red) - Primary/Secondary power lost, PoE overload; PoE (Green) - PoE in use; NBT (Green) - Detection Mode is enabled; 62-66W (Red) - Overload; PoE Usage (Green) Injector PoE power range
PHYSICAL	
Primary Form Factor	Desktop; DIN-Rail; Rackmount; Wall-mount
Color	Black
Unit Dimensions (hwd / in.)	4.570 x 0.980 x 3.930
Unit Dimensions (hwd / cm)	11.6 x 2.5 x 10.0
ENVIRONMENTAL	
Operating Temperature Range	-49° to 167°F (-40° to 75°C)
Storage Temperature Range	-49° to 185°F (-40° to 85°C)
Relative Humidity	5% to 95% RH, Non-Condensing
COMMUNICATIONS	

Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3af; 802.3at; 802.3bt
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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