

## Gigabit PoE+ Midspan Active Injector - IEEE 802.3at/802.3af, 30W, 1 Port

MODEL NUMBER: NPOE-30W-1G



PoE+ injector uses existing Cat5e/6/6a cable to supply power to a PoE device connected to a non-PoE switch.

### Features

**Adds a PoE Device to Your LAN Without a PoE Switch** Now you can add a surveillance camera, wireless access point, VoIP phone 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 30 watts of power, as well as Gigabit Ethernet data, through your existing Cat5e/6/6a cabling.

**Saves You Time and Money on Unnecessary Equipment Updates** This compact PoE plus injector delivers 10/100/1000 Mbps of data and up to 30 watts 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 328.08-ft. (100 m)** The NPOE-30W-1G delivers both power and data to any IEEE 802.3at (PoE+) or IEEE 802.3af (PoE) device up to 100 meters (328.08-ft.) 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 NPOE-30W-1G to your LAN. Just connect your switch or network jack to the shielded RJ45 LAN port and your PoE device to the shielded RJ45 POE port using existing Cat5e/6/6a cable. Connect the unit's C6 inlet to a NEMA 5-15R outlet using the included power cord. LEDs indicate the unit is receiving power and is ready to transmit data.

**Designed for Installation Almost Anywhere** Mounting holes are featured for installing the midspan injector on a shelf, desktop, wall or any other smooth surface with user-supplied hardware. The black plastic 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.

### Highlights

- Saves money by delivering 30W of power + data up to 328.08-ft. (100 m) 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
- Compact, hand-sized plastic housing ready for mounting on any smooth surface

### 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 802.3at or IEEE 802.3af standards

### Package Includes

- NPOE-30W-1G Gigabit PoE+ Midspan Active Injector
- Detachable C5 to NEMA 5-15P power cord, 2-ft. (0.61 m)
- Owner's manual

## Specifications

<b>OVERVIEW</b>	
UPC Code	037332203595
Product Type	Injector
Technology	Cat5/5e; Cat6; Cat6a
<b>INPUT</b>	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Input Frequency	50/60 Hz
<b>OUTPUT</b>	
Output Voltage (VDC)	53V±2V
<b>POWER</b>	
Power Consumption (Watts)	35.00
<b>PHYSICAL</b>	
Primary Form Factor	Desktop
Color	Black
Shipping Weight (lbs.)	0.99
Unit Dimensions (hwd / in.)	1.400 x 2.600 x 5.400
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 122 F (0 to 50 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	10% to 90% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at; 802.3u
<b>CONNECTIONS</b>	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Network Switch Ports	10/100/1000 (RJ45)
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty