

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 SwitchNow 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 MinutesNo 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 AnywhereMounting 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

Voltage Compatibility (VAC) 100; 110; 120; 127; 200; 208; 220; 230; 240 Input Frequency 50/60 Hz OUTPUT OUTPUT OUTPUT S3V±2V POWER POWER PHYSICAL PHYSICAL Pimary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Glpps (Gigabit) IEEE Standards Supported 80.23; 802.3at; 802.3at; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 R.445 (FEMALE) Side B - Connector 1 R.445 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)		
Product Type Injector Technology Cat5/5e; Cat6; Cat6a INPUT Voltage Compatibility (VAC) 100: 110: 120: 127: 200; 208: 220: 230; 240 Input Frequency 50/60 Hz OUTPUT Output Voltage (VDC) 53½ 2V POWER POWER PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (Ibs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 80.2, 3e. 2, 3ab; 80.2, 3at; 80.2	OVERVIEW	
Technology	UPC Code	037332203595
Noting Compatibility (VAC)	Product Type	Injector
Voltage Compatibility (VAC) 100; 110; 120; 127; 200; 208; 220; 230; 240 Input Frequency 50/60 Hz OUTPUT OUTPUT OUTPUT S3V±2V POWER POWER PHYSICAL PHYSICAL Pimary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Glpps (Gigabit) IEEE Standards Supported 80.23; 802.3at; 802.3at; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 R.445 (FEMALE) Side B - Connector 1 R.445 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Technology	Cat5/5e; Cat6; Cat6a
Input Frequency 50/60 Hz OUTPUT Output Voltage (VDC) 53V±2V POWER PHYSICAL PHYSICAL PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (nwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3at; 802.3at; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 R.J45 (FEMALE) Side B - Connector 1 R.J45 (FEMALE) Network Switch Ports 10/100/1000 (R.J45)	INPUT	
OUTPUT COUTPUT Voltage (VDC) 53V±2V POWER POWER Consumption (Watts) 35.00 PHYSICAL PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.800 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Output Voltage (VDC) 53V±2V POWER Power Consumption (Watts) 35.00 PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (ibs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3af; 802.3af; 802.3af; 802.3af; 802.3af CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Input Frequency	50/60 Hz
POWER Power Consumption (Watts) 35.00 PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (ibs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3at; 802.3at; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 RJ46 (FEMALE) Side B - Connector 1 RJ46 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	ОИТРИТ	
Power Consumption (Watts) 35.00 PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (Ibs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3 802.3af; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Output Voltage (VDC)	53V±2V
PHYSICAL Primary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3at; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	POWER	
Primary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Power Consumption (Watts)	35.00
Primary Form Factor Desktop Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3af; 802.3af; 802.3at CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	DHACICVI	
Color Black Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3af; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)		Dockton
Shipping Weight (lbs.) 0.99 Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3af; 802.3af; 802.3at CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)		
Unit Dimensions (hwd / in.) 1.400 x 2.600 x 5.400 ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)		
ENVIRONMENTAL 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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)		+
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 COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10% to 100 to 50 C)	One Dimensions (nwa / in.)	1.400 X 2.000 X 3.400
Storage Temperature Range -4 to 176 F (-20 to 80 C) Relative Humidity 10% to 90% RH, Non-Condensing COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10% to 176 F (-20 to 80 C)	ENVIRONMENTAL	
Relative Humidity 10% to 90% RH, Non-Condensing COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Operating Temperature Range	32 to 122 F (0 to 50 C)
COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3at; 802.3at CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Network Compatibility 1 Gbps (Gigabit) IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Relative Humidity	10% to 90% RH, Non-Condensing
IEEE Standards Supported 802.3; 802.3ab; 802.3af; 802.3at; 802.3u CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	COMMUNICATIONS	
CONNECTIONS Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Network Compatibility	1 Gbps (Gigabit)
Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at
Side A - Connector 1 RJ45 (FEMALE) Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	CONNECTIONS	
Side B - Connector 1 RJ45 (FEMALE) Network Switch Ports 10/100/1000 (RJ45)	Side A - Connector 1	RJ45 (FEMALE)
Network Switch Ports 10/100/1000 (RJ45)		
	Network Switch Ports	10/100/1000 (RJ45)
1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	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	



© 2023 Eaton. All Rights Reserved. Eaton is a registered trademark. All other trademarks are the property of their respective owners.