

1-Port Gigabit Midspan - PoE+ Injector - 802.3at and 802.3af

Product ID: POEINJ1G



This Gigabit Power over Ethernet (PoE+) injector supplies power and data connectivity to a Gigabit PoE-compliant device using standard Ethernet cable, at distances of up to 100 m (330 ft.).

The PoE midspan is a cost-effective alternative to upgrading your existing network switch to a PoE-capable model.

This versatile PoE injector lets you connect a PoE-powered device (PD) to a non-PoE network switch, so you can avoid the expense and aggravation of replacing your existing switch with a PoE-enabled model. It supplies up to 30 watts of power, so you can easily power and access a high-power PoE-compliant device, such as an IP camera or a wireless access point (WAP), using traditional copper (RJ45) Ethernet cable. The midspan injector makes it easy to extend data and power connectivity to your PoE+ device across long distances, even in a remote location where a typical power outlet isn't available.

You can integrate this compact injector discreetly into a variety of environments. It features a surface-mountable housing that's perfect for installing on walls or under a desk, but it's also palm-sized, for use on desktop surfaces.

Plus, with plug-and-play operation, you can enjoy fast and hassle-free setup without disrupting your workflow.

Not sure which class your PoE device is? The Gigabit PoE+ injector automatically detects the power requirements of your connected PoE PD, and delivers the appropriate level of power without damaging your device.

The POEINJ1G is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Ideal for high-power PoE+ devices requiring Gigabit speeds such as PTZ (Pan, Tilt, Zoom) cameras and Wi-Fi access points (WAP)

- Enable remote installation of touchscreens, information kiosks, and phones in locations where a power connection isn't available
- Perfect for small and home offices, as well as SMB applications, including system integrations, and IT administration

Features

- Easily connect, power, and operate a Gigabit PoE-powered device (PD)
- Supplies up to 30-watts power output
- Flexible setup, with a desktop-sized, or surface-mountable housing
- Save money by using your existing Cat5 or better Ethernet cable
- Fast, plug-and-play setup and operation, with no configuration required
- Provides one PoE+ (PSE, power and data) 10/100/1000Mbps compliant RJ45 port - 802.3at and 802.3af
- Integrates shielded RJ45 connectors
- Automatically detects the powered device to provide the appropriate level of power output

Hardware

Warranty	2 Years
Ports	1
Industry Standards	IEEE 802.3af PoE, IEEE 802.3at PoE+ IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.3ab (1000BASE-T)

Performance

Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Maximum Cable Length	328.0 ft [100 m]
General Specifications	Power Output: 48 V DC, 30 W

Connector(s)

Connector Type(s)	RJ-45
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Special Notes / Requirements

Patents and Licenses	The following patents are licensed for this product. This list might not
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be all inclusive.

- United States Patent No. 5,406,260 (expired)
- United States Patent No. 6,650,622
- United States Patent No. 7,457,250
- United States Patent No. 8,155,012
- United States Patent No. 8,902,760
- United States Patent No. 8,942,107
- United States Patent No. 9,019,838
- United States Patent No. 9,049,019
- United States Patent Application No. 14/695,456
- United States Patent Application No. 14/726,940

System and Cable Requirements

If your connected devices do not meet the IEEE 802.3af or IEEE 802.3at PoE standard, then the POEINJ1G will not inject power to the connected device(s) / Ethernet cable(s)

Indicators

LED Indicators	Power
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.75 A
Output Voltage	56 DC
Output Current	0.64 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	36

Environmental

Operating Temperature	0C to 45C (32F to 113F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	10~90% RH (Non-Condensing)



Physical Characteristics

Color	Black
Material	Plastic
Product Length	2.8 in [70 mm]
Product Width	2.5 in [63 mm]
Product Height	1.0 in [25 mm]
Weight of Product	1.8 oz [50 g]

Packaging Information

Package Length	6.0 in [15.2 cm]
Package Width	8.1 in [20.5 cm]
Package Height	2.4 in [61 mm]
Shipping (Package) Weight	18.0 oz [511 g]

What's in the Box

Included in Package	POE+ Injector
	Mounting Screws
	Power Adapter
	Power Cords (NA/UK/EU/ANZ)
	Instruction Manual

****Product appearance and specifications are subject to change without notice.***

