

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

StarTech ID: POEINJ1GW



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.

### Convenience and cost savings

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.

### Easy to set up in mixed environments

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.

### Intelligent power allocation

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 POEINJ1GW is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### 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

Technical Specifications

Warranty	2 Years
Industry Standards	IEEE 802.3af PoE, IEEE 802.3at PoE+
Industry Standards	IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.3ab (1000BASE-T)
Ports	1
Maximum Cable Length	100 m [328 ft]
Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Power Output	48 V DC, 30 W
Connector Type(s)	2 - RJ-45 Female
Patents and Licenses	The following patents are licensed for this product. This list might not be all inclusive. <ul style="list-style-type: none"><li>• United States Patent No. 5,406,260 (expired)</li><li>• United States Patent No. 6,650,622</li><li>• United States Patent No. 7,457,250</li><li>• United States Patent No. 8,155,012</li><li>• United States Patent No. 8,902,760</li><li>• United States Patent No. 8,942,107</li><li>• United States Patent No. 9,019,838</li><li>• United States Patent No. 9,049,019</li><li>• United States Patent Application No. 14/695,456</li><li>• United States Patent Application No. 14/726,940</li></ul>
System and Cable Requirements	If your connected devices do not meet the IEEE 802.3af or IEEE 802.3at PoE standard, then the POEINJ1GW will not inject power to the connected device(s) / Ethernet cable(s)
LED Indicators	1 - Power
Center Tip Polarity	Positive
Input Current	0.75 A
Input Voltage	100 ~ 240 AC
Output Current	0.64 A
Output Voltage	56 DC
Plug Type	M
Power Consumption	36 W Max.

Power Source	AC Adapter Included
Humidity	10~90% RH (Non-Condensing)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Color	Black
Enclosure Type	Plastic
Product Height	25 mm [1 in]
Product Length	70 mm [2.8 in]
Product Weight	50 g [1.8 oz]
Product Width	63 mm [2.5 in]
Shipping (Package) Weight	1 kg [2.3 lb]
Included in Package	1 - Gigabit midspan
Included in Package	4 - screws
Included in Package	1 - universal power adapter
Included in Package	3 - power cords (EU/UK/AU)
Included in Package	1 - quick-start guide

Certifications, Reports and Compatibility

