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	328 ft [100 m]
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. • 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 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	1 in [25 mm]
Product Length	2.8 in [70 mm]
Product Weight	1.8 oz [50 g]
Product Width	2.5 in [63 mm]
Shipping (Package) Weight	2.3 lb [1 kg]
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, ANZ)
Included in Package	1 - quick-start guide

Certifications, Reports and Compatibility