

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

StarTech ID: POEINJ1G



The POEINJ1G 1 Port Gigabit Power over Ethernet (PoE+) injector supplies power and data connectivity to a Gigabit PoE-compliant device over standard Ethernet cabling at distances of up to 100m (330ft).

This single-port PoE injector allows you to easily connect an individual PoE-powered device (PD) to a non-PoE LAN switch, avoiding the cost of upgrading your switch to a PoE-enabled model. Fully compliant with IEEE 802.3at / 802.3af standards, the high-power PoE / PSE adapter provides a 10/100/1000Mbps port with support for up to 48V (30W max) output.

A perfect solution for applications where an electrical outlet may not be available, the injector adapter can be used to power PoE-enabled devices such as IP cameras or Wireless Access Points (WAPs). The compact, wall-mountable design makes it easy to install the adapter into areas where space is limited, and can be installed in seconds with no configuration required.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Ideal for high-power PoE+ devices requiring Gigabit speeds
- Perfect for powering a Wireless Access Point (WAP) in a business environment
- Power a security camera or network webcam in remote areas where a power connection is not available
- Retail applications such as RFID readers
- Provide power to intercoms, and paging or hallway speaker amplifiers
- Enable remote installation of touchscreens or information kiosks
- Great for IT administrators implementing PoE supported VoIP phones

Features

- 1 PoE+/ PSE(Power + Data) 10/100/1000Mbps compliant port
- Fully compliant with IEEE 802.3at / 802.3af
- Supports up to 48V, 30 Watts max output
- Uses existing/standard Cat5 or better cabling
- Compact, wall-mountable enclosure
- Plug-and-Play setup with no configuration required
- Shielded RJ-45 connectors
- PoE Power output pin RJ45 Pin 3,6(V+), Pin 1,2(V-)

Technical Specifications

Warranty	2 Years
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
Ports	1
Maximum Data Transfer Rate	1000Mbps
Power Output	48V/DC at Full 30W Output Supported
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">• 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
LED Indicators	1 - Device Power Indicator
Center Tip Polarity	Positive
Input Current	0.75 A
Input Voltage	100 ~ 240 AC
Output Current	0.75 A
Output Voltage	48 DC
Plug Type	M
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 [52 g]

Product Width	2.5 in [63 mm]
Package Quantity	1
Shipping (Package) Weight	35.1 oz [995 g]
Included in Package	1 - POE+ Injector
Included in Package	4 - Mounting Screws
Included in Package	1 - Universal Power Adapter (NA/EU/UK) or AU in Australia
Included in Package	3 - Power Cords (NA/UK/EU)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

