

## Industrial 2 Port Gigabit PoE+ Power over Ethernet Injector 48V / 30W - Wall-Mountable

**Product ID:** POEINJ2GI



The POEINJ2GI Industrial 2 Port Gigabit PoE+ Injector provides power and data connectivity to up to two Gigabit PoE-compliant devices over standard Ethernet cabling at distances of up to 330ft (100m). This dual port PoE injector allows you to easily connect two PoE-powered devices (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, the high power PoE / PSE adapter provides two 10/100/1000Mbps ports with support for up to 50V / 600mA (30 Watt max) output per port. To protect your devices from damage the injector offers intelligent detection, to verify whether the connected devices are IEEE 802.3at/af compliant. If the device is not compatible with PoE, only data will be sent through the LAN cable.

Ideal for industrial environments, the power over Ethernet injector features a rugged, IP-30 case design that is both DIN rail and wall mountable, and features an extended operating temperature range (-40C to 70C) to ensure performance in harsh environments.

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

## Certifications, Reports and Compatibility

### Applications

- Perfect for powering a Wireless Access Point (WAP) in a business environment
- Power a security camera/ network webcam situated in a remote area where power connection is not possible
- Retail applications such as RFID readers
- Great for IT administrators implementing PoE supported VoIP phones

- Enable remote installation of touchscreens or information kiosks
- Power your intercom, paging or hallway speaker amplifier

## Features

- 2 PoE+ / PSE(Power + Data), 10/100/1000Mbps compliant ports
- Fully compliant with IEEE 802.3at / 802.3af
- Supports up to 50V / 600mA, 30 Watts max output per port
- Over Voltage Power Input and Over Current Output protection
- IP-30 rugged case design
- DIN-Rail and wall-mountable
- Uses existing / standard Cat5 or better cabling

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## Hardware

Warranty	2 Years
Ports	2
Regulatory Approvals	EN61000-4-3 (RS) EN61000-4-6 (CS) EN61000-4-8 EN61000-4-11  Shock: IEC60068-2-27 Free Fall: IEC60068-2-32 Vibration: IEC60068-2-6 Safety: EN60950-1
Industry Standards	IEEE 802.3at PoE, IEEE 802.3af PoE

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## Performance

Maximum Data Transfer Rate	1Gbps
Surge Protection	EN61000-4-2 (ESD) EN61000-4-4 (EFT)



EN61000-4-5 (Surge)

General Specifications Power Output: 50V / 600mA, 30 Watts max. per port

**Connector(s)**

Connector Type(s) RJ-45  
Terminal Block (4 Wire)

**Special Notes / Requirements**

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

**Indicators**

LED Indicators PoE Link Indicators

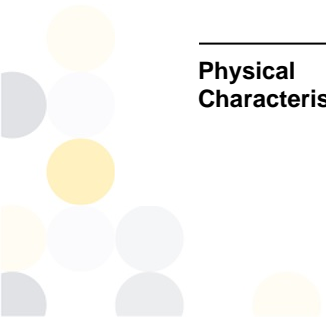
**Power**

Power Source Terminal Block  
Input Voltage 50 ~ 57 DC

**Environmental**

Operating Temperature -40C to 70C (-40F to 158F)  
Storage Temperature -40C to 80C (-40F to 176F)  
Humidity 5~95% RH (Non-Condensing)

**Physical Characteristics**



Color	Black
Material	Steel
Product Length	3.7 in [95 mm]
Product Width	2.8 in [70 mm]
Product Height	1.0 in [26 mm]
Weight of Product	7.5 oz [212 g]

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**Packaging Information**

Package Length	7.9 in [20 cm]
Package Width	6.1 in [15.5 cm]
Package Height	1.9 in [48 mm]
Shipping (Package) Weight	14.6 oz [415 g]

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**What's in the Box**

Included in Package	2 Port PoE Injector
	DIN Rail Bracket w/ Screws
	Wall Mount Brackets w/ Screws
	4-Pin Terminal Block
	Dust Covers (RJ-45)
	Power Cable w/ Female DC Jack
	Instruction Manual

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

