Industrial Gigabit Ethernet PoE Injector - 30W 802.3at PoE+ Midspan 48V-56VDC DIN Rail Power Over Ethernet Injector Adapter - -40C to +75C Cameras/Sensors/WiFi Access
Product ID: POEINJ30W

This Gigabit Power over Ethernet (PoE+) injector supplies power and data connectivity to a Gigabit PoE-compliant device using a standard Ethernet cable.

Provides up to 30W of power (midspan) to IEEE 802.3af (PoE / Type 1) and IEEE 802.3at (PoE+ / Type 2) powered devices (PD) like:
Cameras
Sensors
Wi-fi access points

Uses Cat 5e (or higher rated) Ethernet cabling.

Industrial features include -40 C to 75 C operating temperature, IP-30 rated housing, vibration, shock, and free-fall standard testing.
Vibration: EN 60068-2-6
Shock: EN 60068-2-27
Free-fall: EN 60068-2-32

600,000+ hours MTBF rating using Telcordia/Bellcore at 50C for long-term reliability.

Dual power inputs provide redundancy. Accepts terminal block power or coaxial power connectors with the barrel plug adapter, allowing the product to be hardwired or powered using an external power supply (not included), which does not require professional installation.

The POEINJ30W is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

Features

• 30 WATT GIGABIT ETHERNET PoE INJECTOR: Provides up to 30W of power (midspan) to IEEE 802.3af (PoE / Type 1) and IEEE 802.3at (PoE+ / Type 2) PD devices like cameras, sensors, and wi-fi access points
• TECH SPECS: 1 Gbps 48V-56VDC input IEEE 802.3af / IEEE 802.3at (30W) 10/100/1000 Mbps auto negotiation Link fault passthrough (LFP) 16K Jumbo frames IP-30 housing DIN rail /wall mountable
• DUAL POWER INPUTS: Includes a barrel plug adapter for terminal block power, allowing the product to be hardwired or power powered using a standard AC/DC wall adapter
• INDUSTRIAL PERFORMANCE & RELIABILITY: MTBF is 600,000+hrs @ 50C Vibration, shock & free fall rated IP-30 aluminum housing Hardened operating temp of -40C to 75C
• STARTECH.COM ADVANTAGE: Power over Ethernet Injector includes mounting hardware for DIN/wall mounting and is backed by a 2-year warranty and lifetime 24/5 multilingual technical support

Hardware	Warranty	2 Years
	PoE	Yes
	Industry Standards	IEEE 802.3 10BASE-T</br>IEEE 802.3u 100BASE-TX</br>IEEE 802.3ab 1000BASE-T</br>IEEE 802.3af Power over Ethernet</br>IEEE 802.3at PoE+
	Chipset ID	
		Microsemi PD69101
Performance	Maximum Cable Length	328.0 ft [100 m]
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Jumbo Frame Support	9K max.
	General Specifications	ESD: IEC 61000-4-2: Contact: 6KV; Air: 8KV</br>EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration: EN 60068-2-6</br>Shock: EN 60068-2-27</br>Free-fall: EN 60068-2-32</br>Housing: IP-30</br>Safety: MET (UL) 60950-1</br>Safety: EN60950-1</br>Reverse polarity protection</br>Overload current protection
	MTBF	
	Supported Protocols	
	Supported Protocols	630,899 hours
	Supported Protocols	CSMA/CD</br>IEEE 802.3
		IEEE 802.3at PoE+
		IEEE 802.3af PoE
Connector(s)	Connector A	Ethernet 10/100
	Connector A	RJ-45 (PoE+)
Special Notes / Requirements	Patents and Licenses	United States Patent No. 5,406,260 (expired) </br>United States Patent No. 6,650,622</br>United States Patent No. 7,457,250</br>United States Patent No. 8,155,012</br>United States Patent No. 8,902,760</br>United States Patent No. 8,942,107</br>United States Patent No. 9,019,838</br>United States Patent No. 9,049,019</br>

United States Patent Application No. 14/695,456</br>United States Patent Application No. 14/726,940</br>

Indicators	LED Indicators	PW1, PW2
	LED Indicators	Mode A
Power	Plug Type	N
	Power Consumption (In Watts)	Max 37W
Environmental	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C
	Humidity	5 to 95% (non-condensing)
Physical Characteristics	Color	Black
	Material	Aluminum
	Product Length	0.0 in [0.000 mm]
	Product Width	0.0 in [0.000 mm]
	Product Height	0.0 in [0.000 mm]
	Weight of Product	0.0 oz [0.000 g]
Packaging Information	Package Length	6.4 in [1.6 cm]
	Package Width	8.3 in [2.1 cm]
	Package Height	2.5 in [64.000 mm]
	Shipping (Package) Weight	13.4 oz [381.000 g]
What's in the Box	Included in Package	Mounting Hardware Kit
	Included in Package	PoE Injector
	Included in Package	Quick-Start Guide
	Included in Package	Terminal Block to Barrel Power Connector Adapter
	Included in Package	Terminal Block

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