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

• ROBUST DESIGN: Industrial Power over Ethernet Injector w/MTBF of 600,000+ hrs @ 50C Vibration, shock & free fall rated Rugged IP-30 aluminum housing Hardened operating temp of -40C to 75C

• STARTECH.COM ADVANTAGE: IT professionals' choice for over 30 years This PoE Injector is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

Hardware

Warranty	2 Years	
PoE	Yes	
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3af Power over Ethernet, 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, EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV, Surge: IEC 61000-4-5: Power: 2KV; Signal: 2KV, Vibration: EN 60068-2-6, Shock: EN 60068-2-27, Free-fall: EN 60068-2-32, Housing: IP-30, Safety: MET (UL) 60950-1, Safety: EN60950-1, Reverse polarity	

protection, Overload current protection

MTBF	630,899 hours	
Supported Protocols	CSMA/CD, IEEE 802.3	
	IEEE 802.3at PoE+	
	IEEE 802.3af PoE	

Connector(s)

Connector A	Ethernet 10/100	
	RJ-45 (PoE+)	

Special Notes / Requirements

Patents and Licenses	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	PW1, PW2
	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 [0.0 mm]	
Product Width	0.0 in [0.0 mm]	
Product Height	0.0 in [0.0 mm]	
Weight of Product	5.0 oz [143.0 g]	

Packaging Information

Package Length	6.4 in [16.2 cm]
Package Width	8.3 in [21.1 cm]
Package Height	2.5 in [64.0 mm]
Shipping (Package) Weight	13.0 oz [367.0 g]

What's in the Box

Included in Package	PoE Injector
	Terminal Block
	Terminal Block to Barrel Power Connector Adapter
	Mounting Hardware Kit
	Quick-Start Guide

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