Industrial Gigabit PoE Injector - High Speed/High Power 90W - 802.3bt PoE++ 52V-56VDC DIN Rail UPoE/Ultra Power Over Ethernet Injector Adapter -40C to +75C Rugged - TAA

Product ID: POEINJ1G90W

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

Compatible with IEEE 802.3bt and most previous 90W proprietary PoE (Ethernet) standards, including Cisco uPoE, Bosch, and AXIS. One product can cover multiple use requirements to improve standardization and deployment and dual power terminal block inputs provide redundancy for critical applications.

As many typical PoE-enabled switches max out at 30W a high 90W power budget is perfect for demanding Type 3 and Type 4 PoE applications like tilt and pan cameras and high power IEEE 802.11ax wireless access points.

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

500,000+ hours MTBF rating using Telcordia/Bellcore at 50C for long-term reliability.

Certifications, Reports and Compatibility

Free-Fall Standard: EN 60068-2-32, Housing Standard: IP-30, Safety Standard: EN60950-1

MTBF	540,891 hours
Supported Protocols	CSMA/CD, IEEE 802.3at, IEEE 802.3af, IEEE 802.3bt,

Connector(s)

Connector Type(s)	1 - Ethernet Gigabit
	1 - RJ-45 (PoE+)
	1 - Terminal Block (4 Wire)

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	2 - Power
	1 - PoE

Power

Plug Type	N

Environmental

Operating Temperature	-40C to 75C
Storage Temperature	-40C to 85C
Humidity	5 to 95% (non-condensing)

Physical Characteristics

Color	Black
Material	Aluminum
Cable Length	328.0 ft [100 m]
Product Length	4.1 in [10.4 cm]

Product Width	3.2 in [8.2 cm]	
Product Height	1.3 in [3.2 cm]	
Weight of Product	5.2 oz [148.0 g]	

Packaging Information

Package Quantity	1	
Package Length	8.5 in [21.6 cm]	
Package Width	6.5 in [16.6 cm]	
Package Height	2.6 in [6.6 cm]	
Shipping (Package) Weight	13.6 oz [384.0 g]	

What's in the Box

Included in Package	1 - Industrial-Grade PoE Injector
	1 - Terminal Block
	1 - Mounting Hardware Kit
	1 - Quick-Start Guide

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