

ADD-POEINJCT1GB30W48V-I

30W 10/100/1000M POE Injector with Aluminum Case (10/100/1000Base-T, 30W, 4/5(+), 7/8(-)), Industrial Temp, 48~57VDC Input Power

Features

- 48~57VDC Input Power
- 1 RJ-45 Ethernet Data Input Port + 1 RJ-45 Power Over Ethernet Output Port (Data + Power)
- Supports IEEE802.3at Power over Ethernet (PoE+) Power Sourcing Equipment
- Supports 10/100/1000Base-T
- Extensive LED indicators for PoE diagnostics
- Environment Hardened: -40°C to 80°C (-40°F to 176°F) Operating Temperature
- Small Size: 95mm x 70mm x 30mm
- Aluminum Alloy Metal Case
- Supports DIN-rail mounting and wall mounting installation

Product Description

This is a single port Power-over-Ethernet (POE) 10/100-1000Base-T Injector, 48~57VDC input power. This device helps eliminate the need for a POE enabled equipment switch, and add POE items such as wireless LAN, Bluetooth Access Points, and many IP function devices. The injector is typically installed near the Ethernet hub and connected to a remote POE device through a single Ethernet Cat 5e, Cat6, or Cat6a cable. The injector can support an advanced 802.3at or nonstandard (optional) compliant device which support the standard POE pin out. This AC/DC powered POE Injector is a power sourcing equipment (PSE), which combines data transferred over a copper UTP link with a 48V power supply, providing power to IEEE802.3at powered device (PD) over CAT5e, Cat6, and Cat6a UTP cable (cable length up to 100 meters / 330 feet). It complies with the IEEE802.3at standard. Our POE Injectors are 100% compliant for all of your networking needs. Now you have a cost effective solution to your network upgrade needs. With our certification test program, we can guarantee your product will work right the first time.

Specifications

Parameter	Specifications
Standards	IEEE802.3af Power-over-Ethernet
	IEEE802.3at Power-over-Ethernet
Processing Type	Forward
	Half-Duplex, Full-Duplex
Forward Filter Rate	1,488,000pps (1000Mbps)
Cabling	10/100/1000Base-T: Cat5 or Above
Maximum Distance	Cat5 UTP Up to 100m
Connector	2xRJ-45
Electrical and Mechanical	
Input Power	48V~57VDC
Power Consumption	36W Max.
Power Over Ethernet (PoE)	
Standard	IEEE802.3af/at
Port	RJ-45
Power Pin Assignment	4/5(+), 7/8(-)
Max. Power Per Port	30W Max. Per Port (Alternative B Mode)
Dimensions	95mm x 70mm x 30mm
Weight	0.25Kg
Casing	Aluminum Case
Mounting Options	DIN-Rail / Wall-Mount
LED Indicators	
Power	Power Status
PoE	PoE Status
Surge Protection	
RJ-45	1KV
Power	500V
ESD	4KV/8KV
Environmental	
Operating Temperature	-40°C to 80°C (-40°F to 176°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95% (Non-Condensing)
MTBF	>200,000 Hours

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications ranging from NEBS Level 3 to ISO 9001:2015 with every new development while maintaining the signature reliability of its products.



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