

INJ30AT

Hardened Gigabit PoE Injector



Product Highlights

➔ PoE (Power over Ethernet)

- 24 10/100/1000BASE-T(X) ports for high bandwidth connections
- 2 combo RJ45/SFP connections for uplink
- Full capacity switching running at full duplex

➔ Hardened-Grade for Non-Ventilated & Harsh Spaces

- Wide operating temperature range from -40 to 75°C (-40 to 167°F)
- Fanless operation
- High Impact, thermal shock, and electrical noise resistance

➔ Support

- Complimentary Technical Support
- Free Firmware Upgrades

Overview

EtherWAN's INJ30AT is a compact hardened DIN-rail mounted PoE injector. Providing up to 30W power output, the INJ30AT provides the solution required to integrate remote PoE devices such as IP cameras and other network devices into non-PoE networks for reliable operation even in harsh environments.

Ordering Information

Model

INJ30AT	10/100/1000BASE-T PoE Injector, 30W 802.3at
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Hardware Specifications

Interface		+
Ethernet	1 x 10/100/1000BASE-T(X), connection to network 1 x 10/100/1000BASE-T(X), PoE connection to device	
LED Indicators	Power detected: Power 1, Power 2 PoE: On (Active), Off (Idle)	
Technology		+
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3ab 1000BASE-T IEEE 802.3af PoE IEEE 802.3at PoE+	
Power		+
Input	48-56VDC redundant (terminal block)	
Typical Power consumption	1W max @ 48VDC, without PoE	
PoE Power Output	30W @ 56VDC input	
Protection	Reverse polarity protection Current overload protection	
Physical		+
Casing Material	Aluminum	
IP Rating	IP30	
Dimensions	1.26" x 3.21" x 4.07" (W x D x H) 32 x 81.5 x 103.5mm	
Weight	0.3lbs (.14kg)	
Installation Type	DIN Rail or Wall Mount	

Environmental		+
Operating Temp.	-40 to 167°F (-40 to 75°C)	
Storage Temp.	-49 to 185°F (-40 to 85°C)	
Relative Humidity	5% to 95 % (non-condensing)	
MTBF	>500,000 hours @ 25°C	
Regulatory		+
ISO	Manufactured in ISO-9001 Facility	
EMI	FCC Part 15B Class A EN 55032 EN 55024	
EMS	EN 61000-4-2 (ESD) EN 61000-4-4 (Burst) EN 61000-4-5 (Surge)	
Safety	UL 60950-1	
Vibration	IEC 60068-2-6	
Shock	IEC 60068-2-27	
Free Fall	EN 60068-2-32	
Warranty		+
Length	Limited Lifetime	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	Injector	
Installation	Mounting brackets, screws, 4-pin terminal block	
Documentation	Quick Install Guide	

Dimensions

