

# INJ30AT

Hardened Gigabit PoE Injector



## 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.

EtherWAN — "When Connectivity is Crucial."

## Highlights

### + High-Power PoE (Power over Ethernet)

- Provides PoE functionality to a non-PoE network
- Up to 30W output for various security applications such as PTZ cameras
- Backward compatible with 802.3af devices

### + Hardened-Grade for Non-Ventilated & Harsh Environments

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

### + Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

## 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**

24-56VDC Redundant (Terminal block)

**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**

1.5lbs (0.68kg)

**Installation Type**

DIN-rail or wall mounting

### + 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@50°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](http://www.etherwan.com/support/warranty-policy)

## + What's Included

### Device

Injector

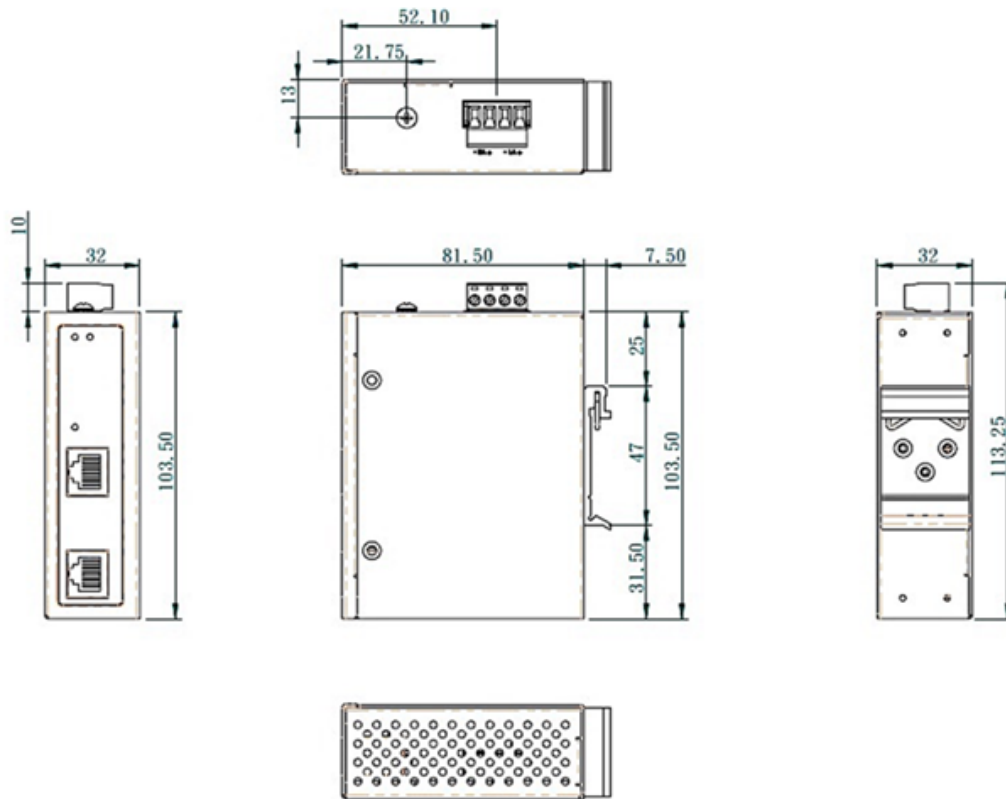
### Installation

Mounting brackets, screws, 4-pin terminal block

### Documentation

Quick install guide

## Dimensions



## Ordering Info

### + Model

INJ30AT	10/100/1000BASE-T PoE Injector, 30W 802.3at
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### + Accessories

DIN-Rail Power Supplies	<a href="http://www.etherwan.com/products/din-rail-power-supply">www.etherwan.com/products/din-rail-power-supply</a>
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