

# INJ30AT

Hardened Gigabit PoE Injector



## 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

## 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."

## 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)

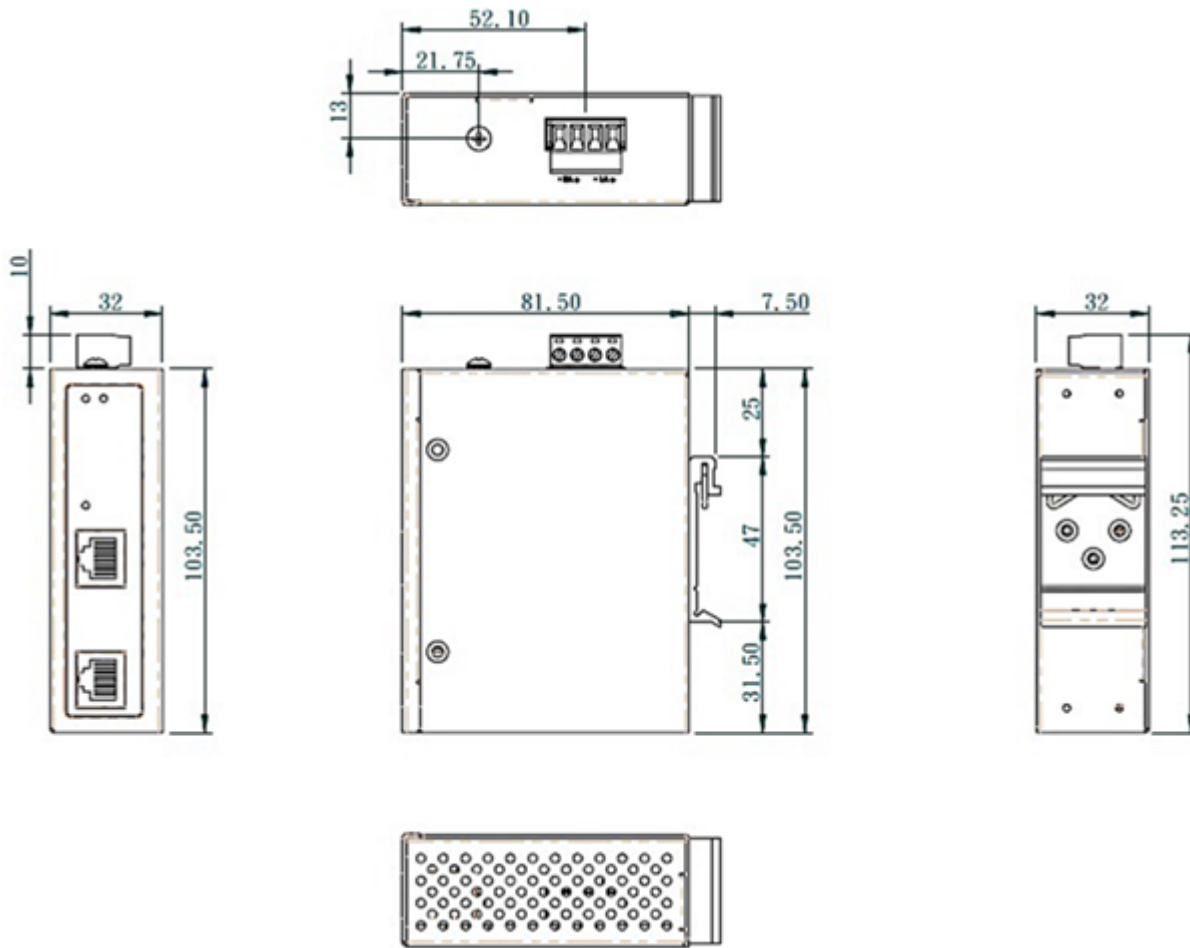
### + What's Included

**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

### + Accessories

**DIN-Rail Power Supplies** [www.etherwan.com/products/din-rail-power-supply](http://www.etherwan.com/products/din-rail-power-supply)

