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

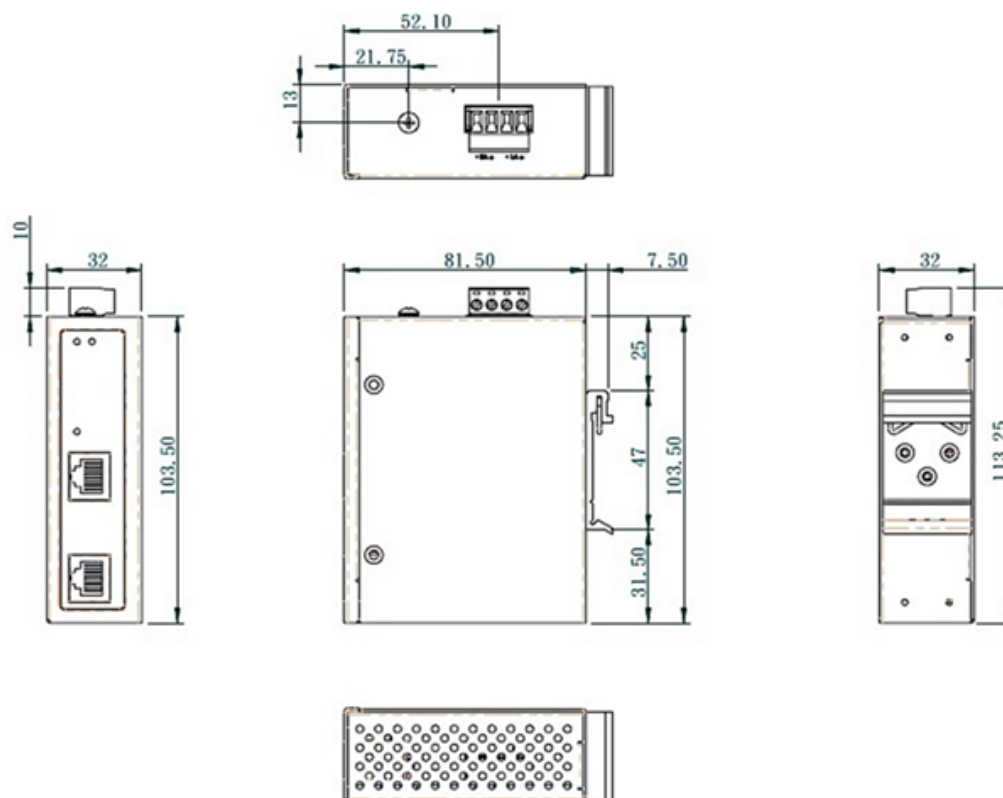## ➕ What's Included

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