INJ90BT-24

Hardened Gigabit 90W PoE Injector



Overview

EtherWAN's INJ90BT-24 is a compact hardened DIN-rail mounted PoE injector. Using the latest IEEE 802.3bt PoE technology providing up to 90W power output, the INJ90BT-24 provides the solution required to integrate remote PoE devices such as IP cameras, LED lights, wireless access point, 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)

High power output using the latest IEEE 802.3bt technology
Up to 90W output for various security, LED lighting, and other applications
Backward compatible with 802.3af and 802.3at 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+

IEEE 802.3bt 4PPoE

Power

Input

24-56VDC Redundant (Terminal block)

Power Consumption

1W max@48VDC, without PoE

PoE Power Output

90W@56VDC Input

60W@24VDC Input

Protection

Reverse Polarity Protection

Current Overload Protection

Physical

Casing Material

Aluminum

IP Rating

IP30

Dimensions

32 x 81.5 x 103.5mm (W x D x H)

1.26" x 3.21" x 4.07"

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

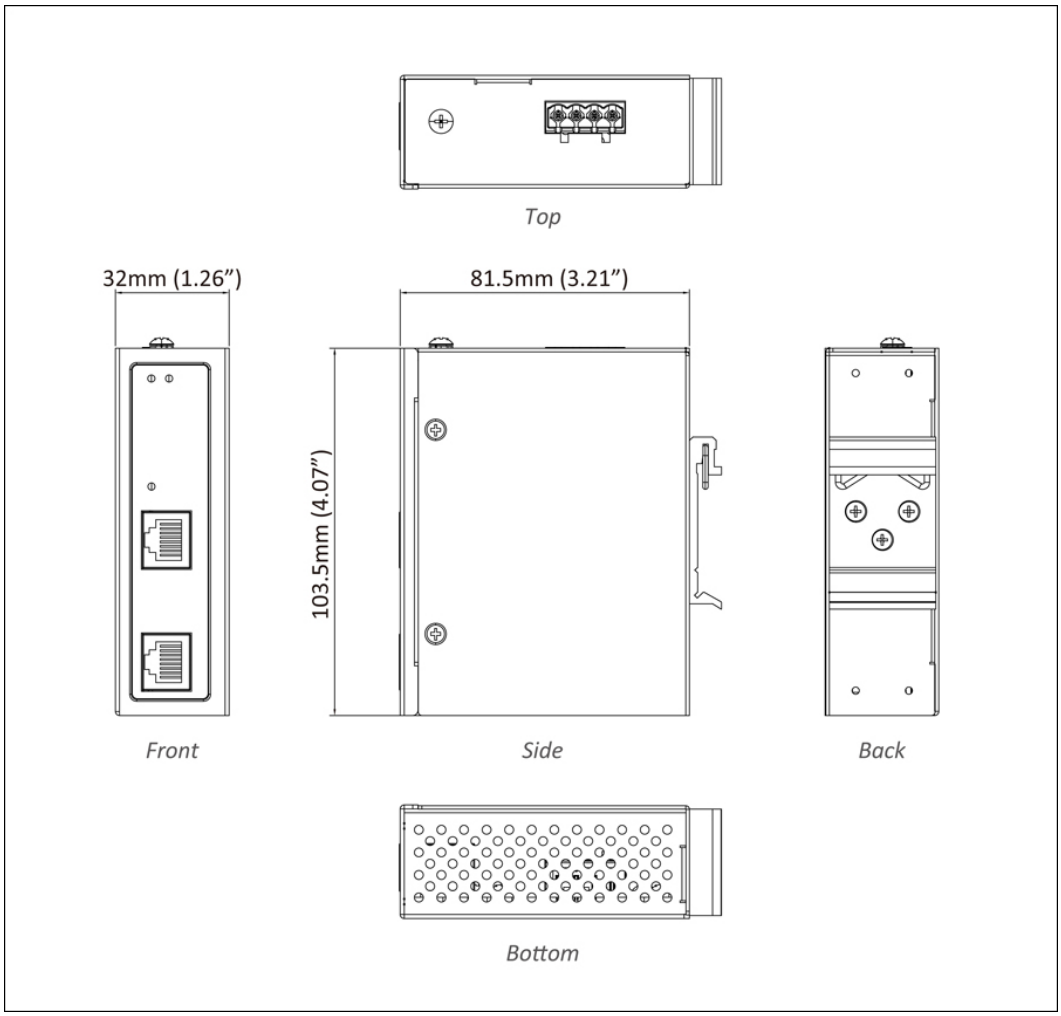
Quick install guide

MPN

INJ90BT-24

1683908

Dimensions



Ordering Info

Model

INJ90BT-24	10/100/1000BASE-T PoE Injector, 90W 802.3bt

Accessories

DIN-Rail Power Supplies	www.etherwan.com/products/din-rail-power-supply



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EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.