INJ90BT-24 Hardened PoE Injector
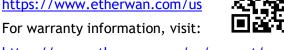
Installation Guide

1 Unpacking

Unpack the items. Your package should include:

➢ One INJ90BT-24 PoE Injector

➢ Power input terminal block

➢ Wall and DIN-Rail mounting hardware brackets

If items are missing or damaged, notify your EtherWAN representative. Keep the carton and packing material.

More information available at:

https://www.etherwan.com/us

For warranty information, visit:

https://www.etherwan.com/us/support/warranty-policy

2 Equipment Needed

➢ Category 5e or better cable for RJ-45 ports

➢ Power supply with supplied voltage within specified range of 24 to 56VDC

3 Select a Location

➢ DIN-rail installations: Attach the bracket on the unit using the included screws and then mount on a DIN-rail.

➢ Wall installations: Attach the brackets on the unit using the included screws and then mount on a wall.

➢ Identify a power source within 6 feet (1.8 meters).

➢ Choose a dry area with ambient temperature between -40 and 75ºC (-40 and 167ºF).

➢ Keep away from heat sources, sunlight, warm air exhausts, hot-air vents, and heaters.

➢ Make sure there is adequate airflow.

4 Connect to the Ports

The INJ90BT-24 has the following ports:

➢ 2 10/100/1000 Mbps copper ports

10/100/1000BASE-T Ports

Port labeled "Data" can be connected to a switch or a router. Port labeled "Power" can be connected to a PoE device (PD).

5 Connect Power

Terminal Block

Connect the unit to a suitable power supply using appropriate wire, 18-24AWG, rated for 105°C or higher.

Redundant power is supported. However, only one power input is required to operate the unit.

1. Connect power wires to the appropriate V1+/- or V2+/- pins on the terminal block.
2. Connect the grounding wire to the ground screw.
3. Plug the terminal block into the socket.

6 Front Panel LEDs

LED Panel Layout

LED	Color	Status
Power 1 & 2	Green	ON = power detected OFF = power not detected
PoE	Amber	ON = PD is detected Off = No PD detected