making connectivity simple...

Antaira Technologies

INJ-0201X-bt-AC-95-T

Industrial 10G PoE++ Injector - 1*10M/100M/1G/2.5G/5G/10G Base-T(X) (95W/Port) and 1*10M/100M/1G/2.5G/5G/10G Base-T(X); EOT: -40°C to 75°C

Quick Installation Guide

Version 1.0

(July 2025)



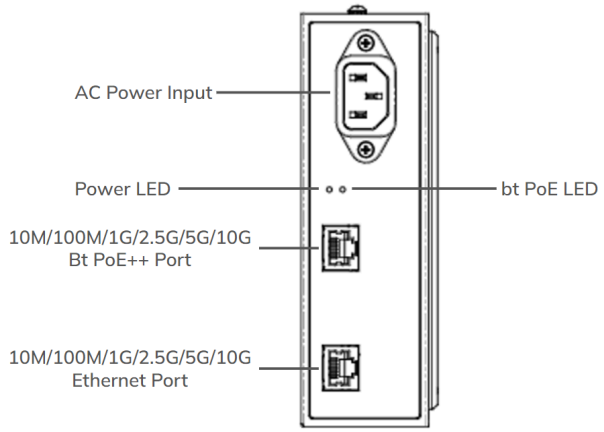
Tel: 1-844-268-2472
Fax: 1-714-671-9944
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Package Checklist

The package contains the following items:

- Quick Installation Guide
- INJ-0201X-bt-AC-95-T
- DIN-Rail bracket
- Wall mount brackets

Front Panel Layout



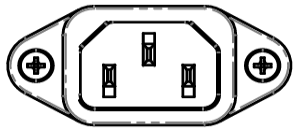
LED Indicators

LED	Color	Description	
PoE	Amber	On	PD is detected on designated port
		Off	PD is not detected
PWR	Green	On	Power is detected

Quick Installation

Power Connection

This unit provides an IEC C14 power input interface. It can be operated using 85-264VAC or 120-370VDC power sources. Always make sure your input voltage is within this supported voltage range.



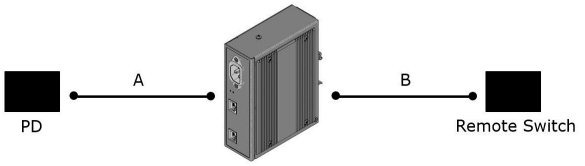
Connect your compatible power cord to the IEC C14 power input socket on the unit. Ensure the other end of the power cord is securely plugged into a properly grounded AC outlet or a compatible DC power source within the specified input range (85-264VAC or 120-370VDC). Verify that the power source is stable and meets the voltage requirements before powering on the device.

Grounding Notice

Ensure proper grounding by connecting the unit's chassis ground to an earth ground using an appropriate grounding wire.

Cabling Notice

Always make sure the total length of the TX cable DOES NOT exceed 100 meters. Total length is defined as length A + length B



PoE signal attenuates every meter, the built-in transformer allows the attenuation to reach 100 meters to follow IEEE 802.3af/at/bt standards. The higher quality PD you connect to, the more reliable the network will be. When connecting to a poor-quality PD, it cannot generate a strong enough signal for the remote switch. Always make sure you have a high-quality PD to perform your desired network.

PoE Pin Assignment

Pin 1 (V-)	Pin 2 (V-)	Pin 3 (V+)	Pin 6 (V+)
Pin 4 (V+)	Pin 5 (V+)	Pin 7 (V-)	Pin 8 (V-)

DIN-Rail Mounting

Please refer to *Figure 3* for DIN-Rail bracket installation reference.



Figure 1

Follow below steps for installing the industrial switch on the DIN-Rail track:

1. Insert the top of the DIN-Rail onto the track as shown below in *Figure 1*.
2. Lightly pull down the bracket onto the rail as shown below in *Figure 2*.
3. Check if the bracket is mounted tightly on the rail.
4. To remove the industrial Ethernet switch from the rail, do the opposite from the above steps.



Figure 2



Figure 3

Wall Mounting

Follow the steps below to mount the industrial Ethernet switch using the wall mounting bracket as shown in *Figure 4*.



Figure 4

1. Remove the DIN-Rail bracket from the Ethernet switch by loosening the screws.
2. Place the wall mounting brackets on the top and bottom of the industrial Ethernet switch.
3. Use the screws to screw the wall mounting bracket on the industrial Ethernet switch.
4. Use the hook holes at the corners of the wall mounting bracket to hang the industrial Ethernet switch on the wall.
5. To remove the wall mount bracket, do the opposite from the steps above.

Field Maintenance and Service

- If the device requires servicing of any kind, the user is required to disconnect and remove it from its mounting. The initial installation should be done in a way that makes this as convenient as possible.
- Voltage/Power lines should be properly insulated as well as other cables. Be careful when handling them so as to not trip over.
- Do not under any circumstance insert foreign objects of any kind into the heat dissipation holes located in the different faces of the device. This may not only harm the internal layout, but might cause harm to the user as well.
- Do not under any circumstance open the device for any reason. Please contact your dealer for any repair needed or follow the instructions within the manual.

WARNING: When connecting PoE ports of an Ethernet Switch to non-standard Ethernet ports of a device, such as those with GND or low voltage surge protection and other alterations to IEEE 802.3 standard, DAMAGE MAY OCCUR to either or both devices. Devices with ports like these should be connected to non-PoE ports on the switch.

Warranty Policy

Warranty Conditions

Products supplied by Antaira Technologies are covered in this warranty for substandard performance or defective workmanship. The warranty is not, however, extended to goods damaged in the following circumstances:

(a) Excessive forces or impacts
(b) War or an Act of God: wind storm, fire, flood, electric shock, earthquake
(c) Use of unqualified power supply, connectors, or unauthorized parts/kits
(d) Replacement with unauthorized parts

RMA and Shipping Costs Reimbursement

Customers shall always obtain an authorized "RMA" number from Antaira before shipping the goods for repair or replacement.

- Within the warranty period (based on the invoice date), all parts and labor are free of charge to the customers.
- Customers are responsible for the cost of parts and labor, if the products are out of warranty.
- For RMA service, customers are responsible for the shipping expense for shipping the RMA unit(s) to Antaira. Antaira is responsible for the shipping expense via a ground service for the return repair/replace unit(s) back to customers.

Limited Liability

Antaira would not be held responsible for any consequential losses from using Antaira's product.

Warranty Period

5-Year Warranty

Antaira's Customer Service and Support

Antaira's Technical Service & Support Centers:
+ 1 844-268-2472 (Antaira US Headquarters)
+ 48-22-862-88-81 (Antaira Europe Office)
+ 886-2-2218-9733 (Antaira Asia Office)

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***Any changes will be announced on the Antaira website.**