antaira®

making connectivity simple...

Antaira Technologies

LNP-0500G-M12-67-T

5-Port Industrial IP67 Unmanaged Ethernet Switch
w/4×10/100/1000Tx M12 X-Coded PoE+ Ports
(30W/Port) + 1x10/100/1000Tx M12 X-Coded Port;
EOT: -40°C ~ 75°C

Quick Installation Guide

Version 1.0

(August 2025)



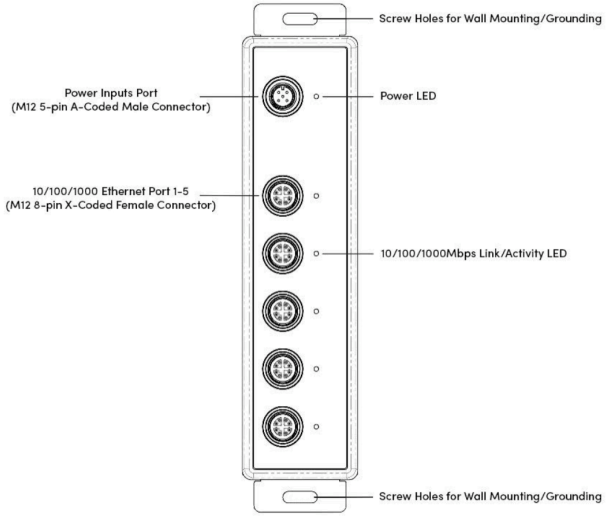
Tel: 1-844-268-2472
Fax: 1-714-671-9944
www.antaira.com

Package Checklist

The package contains the following items:

- Quick Installation Guide
- LNP-0500G-M12-67-T
- Wall mounting kit
- DIN-Rail mounting kit
- Set of Dust caps (5)

Front Panel Layout



Product Overview

System Interface / Performance

- All Ethernet ports support the auto MDI/MDI-X function
- Ethernet connectivity 4*10/100/1000Tx (PSE: 30W/Port) + 1*10/100/1000Tx
- Store-and-forward switching architecture
- 2K MAC address table
- Jumbo frame supports up to 9Kbytes
- 1Mbit memory buffer

Power Input & Connection

- DC 48~56V redundant power with a 5-pin M12 A-Coded female connector
- It is recommended to use a UL listed Industrial Power Supply

Operating Temperature

- Operating temperature model: -40°C to 75°C

Case / Installation

- IP67 protection
- DIN-rail and wall mount design

LED Indicators

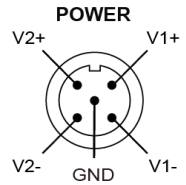
LED	Color	Description	
Power	Green	On	Power is active
		Off	Power are inactive
M12 (Port 1~5) Link / Activity	Green	On	Connected to network
		Flashing	Networking is active
		Off	Not connected to network
M12 (Port 1~5) PoE	Amber	On	PSE is activated and PD is detected

Quick Installation

M12 Ports

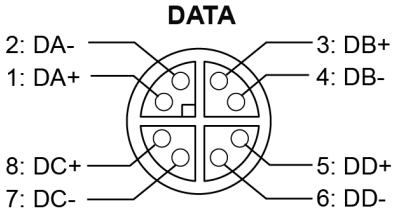
Power Connector

The 5-pin M12 A-Coded female connector on the switch is used for the DC power input.



PoE Connector

The 8-pin M12 X-coded female connector supports gigabit speed.



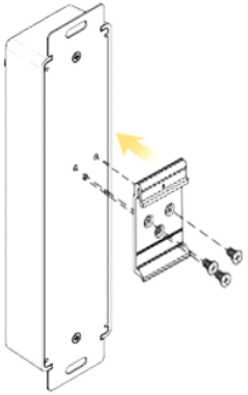
Industrial Switch Mounting

DIN-Rail Mounting

Follow the steps below to learn how to install the DIN-Rail on the industrial M12 switch and how to hang the switch.

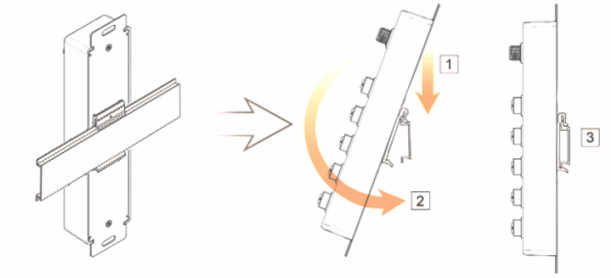
Step 1. Use the screws to install the DIN-Rail bracket on the rear side of the industrial Ethernet switch.

NOTE: To remove the DIN-Rail bracket, do the opposite from Step 1.



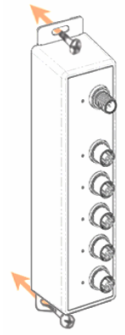
Step 2. After the DIN-Rail bracket is installed on the rear side of the switch, refer to below Figures to mount the switch.

1. Insert the top of the DIN-Rail onto the track.
2. Lightly pull down the bracket onto the rail.
3. Check to ensure the bracket is mounted tightly on the rail.



Wall Mounting

Follow the steps below to mount the switch to a wall using the screw holes as shown below in Figure.



Step 1. Prepare 2 screws for mounting the switch to a wall. (Recommended use of the M6 screws.)

Step 2. Based on the positions of 2 screw holes on the top and bottom side of the switch to make 2 screw holes on a wall accordingly.

Step 3. Insert the screws through the screw holes on the switch and screw the switch into the wall.

Step 4. To remove the switch from the wall, do the opposite from the steps above.

NOTE: Make sure all cables from the switch are disconnected before removing the unit from the wall.

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)

Antaira's Web Sites & Repair/Support Emails:
www.antaira.com / support@antaira.com
www.antaira.eu / info@antaira.eu
www.antaira.com.tw / info@antaira.com.tw

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