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Antaira Technologies

LMX-2602G-SFP Series

26-Port Industrial Rackmount Gigabit Managed Ethernet Switch, w/24*10/100/1000Tx + 2*Gigabit Combo Ports (2*10/100/1000Tx and 2*100/1000 SFP Slots)

Quick Installation Guide
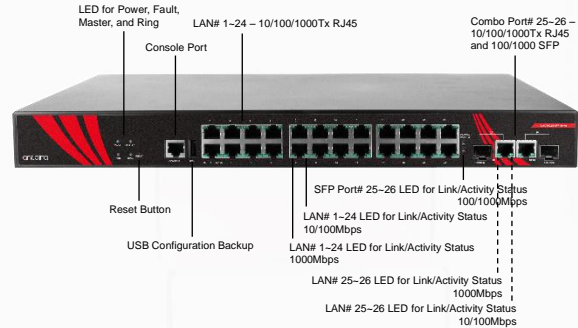### Version 1.0
(December 2019)

Package Check List

The package contains the following items:
- 1 – Quick installation guide
- 1 – LMX-2602G-SFP(-T)
- 1 – RJ45 dust cover set
- 1 – Set of rack-mounting brackets and screws
- 1 – RJ45 to DB9 serial console cable

Front Panel Layout

Back Panel View

LMX-2602G-SFP series back panel is equipped with one AC power inputs socket (90~264VAC) and one 2-pin removal terminal block for relay output.

Product Overview

System Interface/Performance
- All RJ45 ports support the auto MDI/MDI-X function
- Embedded 24*10/100/1000Tx RJ45 ports and 2*gigabit combo ports (2*10/100/1000Tx and 2*100/1000 SFP slots)
- Store-and-forward switching architecture
- 8K MAC address table

Power Input & Connection
- AC 90 to 264V redundant power, with AC socket
- It is recommended to use a UL listed industrial power supply

Operating Temperature
- Standard operating temperature model: -10°C to 65°C
- Extended operating temperature model: -40°C to 75°C

Case/Installation
- IP40 protection
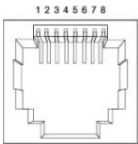- Rackmount design

LED Indicators

LED	Color	Description	
Power	Green	On	Power input is active
		Off	Power input is inactive
Fault	Green	On	No event happened
	Red	Off	1. Power input 1 or 2 is inactive 2. Port link-down / Broken
Master	Green	On	ERPS Owner Mode (Ring Master) is ready
		Off	ERPS Owner Mode is not active
Ring	Green	On	ERPS Ring Network is active
		Flashing	ERPS Ring works abnormally or misconfigure
		Off	ERPS Ring Network is not active
LAN Port 1~24 (Left LED)	Green	On	Connected to network, 1000Mbps
		Flashing	Networking is active
		Off	Not connected to network
LAN Port 1~24 (Right LED)	Green	On	Connected to network, 10/100Mbps
		Flashing	Networking is active
		Off	Not connected to network
Combo Port 25~26 (Left LED)	Green	On	Connected to network, 1000Mbps
		Flashing	Networking is active
		Off	Not connected to network
Combo Port 25~26 (Right LED)	Green	On	Connected to network, 10/100Mbps
		Flashing	Networking is active
		Off	Not connected to network
SFP Port 25~26 (Link/Activity)	Green	On	Connected to network, 1000Mbps
		Flashing	Networking is active
		Off	Not connected to network
	Amber	On	Connected to network, 100Mbps
		Flashing	Networking is active
		Off	Not connected to network

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Quick Installation

Ethernet Ports
RJ45 Ports (Auto MDI/MDI-X)
All RJ45 ports are auto-sensing for 10Base-T, 100Base-TX or 1000Base-T device connections. Please follow the wiring pin assignment table below for Ethernet port installation.

RJ45 Ethernet Port Pin Outs				
Pins	T568A Color	T568B Color	10Base-T, 100Base-TX	1000 Base-T(X)
Pin 1	white/green stripe	white/orange stripe	Rx+	TP0+
Pin 2	green solid	orange solid	Rx-	TP0-
Pin 3	white/orange stripe	white/green stripe	Tx+	TP1+
Pin 4	blue solid	blue solid	unused	TP2+
Pin 5	white/blue stripe	white/blue stripe	unused	TP2-
Pin 6	orange solid	green solid	Tx-	TP1-
Pin 7	white/brown stripe	white/brown stripe	unused	TP3+
Pin 8	brown solid	brown solid	unused	TP3-

SFP Slots
The Small Form-Factor Pluggable (SFP) is a compact optical transceiver used in optical communications.

Please follow the steps below for connecting the SFP and LC cable:
1. 1Insert the SFP transceiver module into the SFP slot as shown below in *Figure 1 (*Notice that the triangle mark is at the bottom of the SFP slot). *Figure 2* shows the SFP transceiver module was inserted.
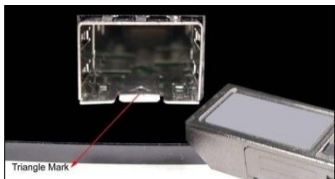

Figure 1

Figure 2

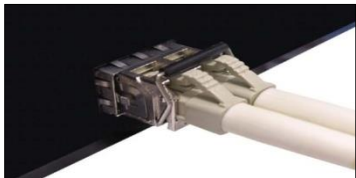2. Insert the fiber cable of the LC connector into the transceiver as shown below in *Figure 3.*

Figure 3

Power Input Wiring
Please follow the below steps:
1. Put the power switch into the off position.
2. Insert the AC power cable into the universal AC socket as shown in *Figure 4.*
3. Switch the power switch for power on.

Figure 4

Industrial Switch Mounting
The switch comes with a rack-mounted kit can be mounted in an EIA standard size, 19-inch rack. It can be placed in a wiring closet with other equipment.

Perform the following steps to rack-mount the switch.

1. Position one plate to align with the holes on one side of the hub and secure it with the smaller plate screws. Then, attach the remaining plate to the other side of the switch.

2.After attaching both mounting plates, position the switch in the rack by lining up the holes in the plates with the appropriate holes on the rack. Secure the switch to the rack with a screwdriver and the rack-mounting screws.

*Note: For proper ventilation, allow at least 4 inches (10 cm) of clearance on the front and 3.4 inches (8 cm) on the back of the switch. This is especially important for enclosed rack installation.

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 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.

Warranty Policy

Antaira's Customer Service and Support
● Antaira's Technical Service & Support Centers:
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