

LNP-0800G-M12-67-24 Series

8-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Ethernet Switch, w/8*10/100/1000Tx (30W/Port) M12 Connector (X-Coded)



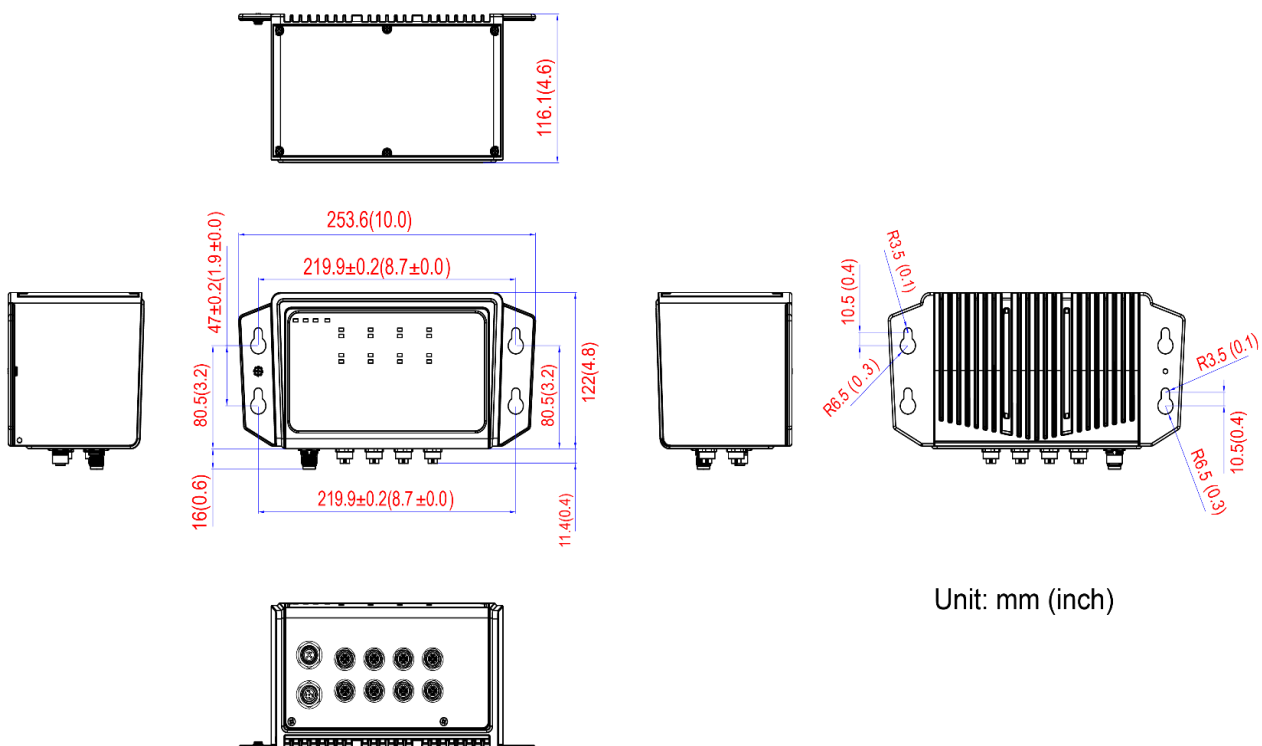
Features

- ▶ 8-Port 10/100/1000Tx Ethernet with IEEE 802.3at Compliant PoE+
- ▶ Redundant Power Inputs Design, 24~55VDC
- ▶ Built-in Power Booster Design for PoE/PoE+ Output
- ▶ Built-in Relay Output Warning for Power/PoE Failure
- ▶ Bypass Design for Daisy Chain Redundancy
- ▶ Support Digital Input/Digital Output
- ▶ IP67 Rugged Waterproof Metal Case Design
- ▶ M12 X-Coded Connector for Ensure Tight and Robust Connection
- ▶ Operating Temperature Range – STD: -10° to 60°C, EOT: -40° to 70°C
- ▶ Wall Mountable
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNP-0800G-M12-67-24 Series is an 8-port 10/100/1000Tx M12 IP67 PoE+ industrial Ethernet switch that meets the high-reliability requirements demanded by industrial applications. Its M12 connectors ensure a tight and robust connection and it guarantees reliable operation on applications that are subject to high vibration and shock in dust, liquid or gas laden environments. Being able to operate under the standard temperature range from -10°C to 60°C or extended temperature range from -40°C to 70°C, the LNP-0800G-M12-67-24 Series can be installed in almost any harsh environment.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Standards	IEEE 802.3 10BaseT Ethernet	Input Voltage	24~55VDC, Redundant Power Inputs
	IEEE 802.3u 100BaseTX Fast Ethernet	Power Connection	1*M12, 4-pin T-coded, male connector
	IEEE 802.3ab 1000BaseT	Reverse Polarity Protection	Present
	IEEE 802.3af/at Power over Ethernet	Overload Current Protection	Present
Processing Type	Store and Forward	Power Consumption	8Watts for system
Protocol	CSMA/CD	PoE Power Output	30W max. per PoE port
Flow Control	IEEE 802.3x back pressure flow control	Max. PoE Power Budget	200Watts
Switch Properties		PoE Output Priority	Port 1 to 8 (High priority to low priority)
Switch Architecture	Back-Plane: Non-Blocking Switching Fabric 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Relay Contact	24VDC, 1A resistive, M12 5-pin A-coded female connector
Transfer Rate		Environmental Limits	
Memory Buffer	4Mbits	Operating Temperature	STD: -10°C ~ 60°C EOT: -40°C ~ 70°C
Jumbo Frame	12.2Kbytes	Storage Temperature	-40°C ~ 85°C
MAC Table Size	8K	Ambient Relative Humidity	5% to 95%, (non-condensing)
Interface		Regulatory Approvals	
Ethernet Port	8*10/100/1000BaseT(X) with 8*PoE+, 8-pin M12 X-coded female connectors, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMI	FCC Part 15 Subpart B Class A, CE EN 55032 Class A, EN 61000-6-4 Class A CE EN 55024 Class A EN 61000-6-2 Class A IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
DI	1*Digital Input (DI): State 0: -30~8VDC / State 1: 10~30VDC, Max. input current: 8mA	EMS	IEC60068-2-32 IEC60068-2-27
Bypass Protection	Ethernet Port 7 and Port 8	Vibration	IEC60068-2-6
LED Indicators	Power 1, Power 2, Fault, PoE Load Ethernet Ports: On- link / Flash- data transmitting PoE: On- connected to PD devices	Green	RoHS Compliant
Mechanical Characteristics		Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Housing	Metal, IP67 protection	Warranty	5 Years
Dimensions	253.57 x 122 x 116.12 mm (W x H x D)		
Weight	Unit: 7.05 lbs. Shipping: 8.82 lbs.		
Mounting	Wall mounting		

ORDERING INFO

LNP-0800G-M12-67-24	8-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Ethernet Switch, w/8*10/100/1000Tx with M12-connector, PoE Injector (30W/Port), 24-55VDC; STD: -10°~60°C
LNP-0800G-M12-67-24-T	8-Port Industrial M12 IP67 Waterproof Gigabit PoE+ Ethernet Switch, w/8*10/100/1000Tx with M12-connector, PoE Injector (30W/Port), 24-55VDC; EOT: -40°~70°C

Optional Accessories

DR-75-12	75 Watts Series / 12 VDC / 6.3 Amps Industrial Single Output DIN Rail Power Supply
DR-75-24	75 Watts Series / 24 VDC / 3.2 Amps Industrial Single Output DIN Rail Power Supply
DR-120-12	120 Watts Series / 12 VDC / 10.0 Amps Industrial Single Output DIN Rail Power Supply
DR-120-24	120 Watts Series / 24 VDC / 5.0 Amps Industrial Single Output DIN Rail Power Supply
CB-M12T4PF-1M	M12 T-Code 4-Pin Female to Open Wire, 1 Meter, Wire: 16AWG, Power Cable
CB-M12A5PM-1M	M12 A-Code 5-Pin Male to Open Wire, 1 Meter, Wire: 22AWG, I/O Data Cable
CB-M12X8PM-10CM	M12 X-Code 8-Pin Male to RJ45 Socket, 10 CM, Testing Cable

Assured Systems

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