

LNP-0802C-SFP-24 Series

8-Port Industrial PoE+ Gigabit Unmanaged Switch, w/6*10/100Tx (30W per Port), 2*Gigabit Combo Ports (2*10/100/1000Tx-RJ45, and 2*100/1000 SFP Slots); 12~36VDC (Voltage Booster)



Features

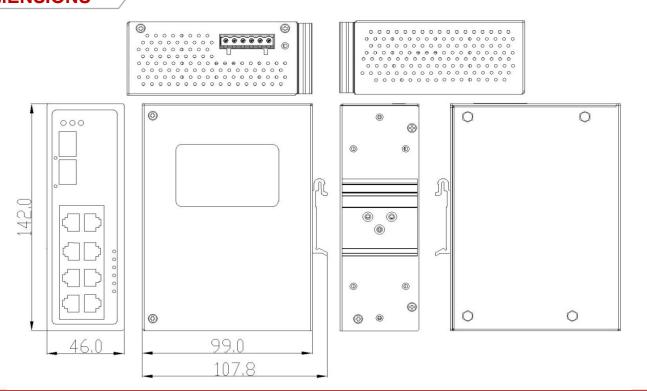
- ➤ Supports 6-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
- ► Supports Auto MDI/MDI-X Function
- ► Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ► Surge Protection: 2,000 VDC Support
- ► ESD Protection: 6,000 VDC Support
- ► Redundant Power Input Design: 12~36VDC (Voltage Booster)
- ► Built-in 1 Relay Output for Power Failure Warning
- ► IP30 Rugged Metal Case Design
- ► DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range STD: -10° to 70°C, EOT: -40° to 75°C
- ► 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNP-0802C-SFP-24 series industrial PoE+ Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable. It comes with 6*10/100Tx Ethernet ports which support IEEE 802.3at with high power PoE up to 30W per port, and 2*GigE combo ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP slots for fiber).

It provides a high EFT and ESD protection and a dual power input with a low booster voltage power input (12~36VDC). It also provides reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports from -40° to 75°C. This series is a perfectly designed product to fulfill special needs for industrial automation, outdoor and harsh weather environment applications.

DIMENSIONS



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SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3z Gigabit Fiber IEEE 802.3at PoE+
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Jumbo Frame	-
MAC Table Size	8K
Interface	
Ethernet Port	6*RJ45 Ports w/10/100Tx (PSE 30W/Port)
Gigabit Combo Port Copper/SFP	2 *RJ45 Ports w/10/100/1000TX Ethernet and 2*100/1000 SFP Slot for Fiber
PoE Pin Out	V+, V+, V-, V- for pin s 1,2,3,6 Endspan, MDI Alternative A
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E
Power Requirements	
Input Voltage	12~36VDC (Voltage Booster), Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	145 Watts @ 12V 200 Watts @ 24V

Mechanical Characte	
Housing	Metal, IP30 protection
Dimensions	46 x 99 x 142 mm (W*D*H)
Weight	Unit 1.5lbs.
	Shipping Weight 2.0 lbs.
Mounting	DIN-Rail, wall mounting (optional)
Environmental Limits	
Operating	STD: -10° to 70° C
Temperature	EOT: -40° to 75° C
Storage Temperature	-40°C ~ 85°C
Ambient Relative	5 to 95%, (non-condensing)
Humidity	5 to 95%, (Horr-condensing)
Regulatory Approvals	5
EMI	FCC Class A
EMS	EN61000-4-2,3,4,5,6,8
EIVIS	EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
	FCC, CE, UL 61010-1,
Certifications	UL 61010-2-201,
	UL Class 1 Division 2, ISA 12.12.01

ORDERING INFO

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LNP-0802C-SFP-24-T	8-Port Industrial PoE+ Gigabit Unmanaged Switch, w/6*10/100Tx (30W/Port), and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots); 12~36VDC; EOT: -40° to 75°C	
Optional Accessories		
MDR-100-24	100W Industrial Single Output Miniature DIN-Rail Power Supply, 24VDC	
DR-120-24	120W Industrial DIN-Rail Power Supply, 24VDC	
SDR-120-24	120W Industrial Single Output Miniature DIN-Rail Power Supply, 24VDC	
SDR-240-24	240W Industrial Slim & High Efficiency DIN-Rail Power Supply with PFC Function, 24VDC	