

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

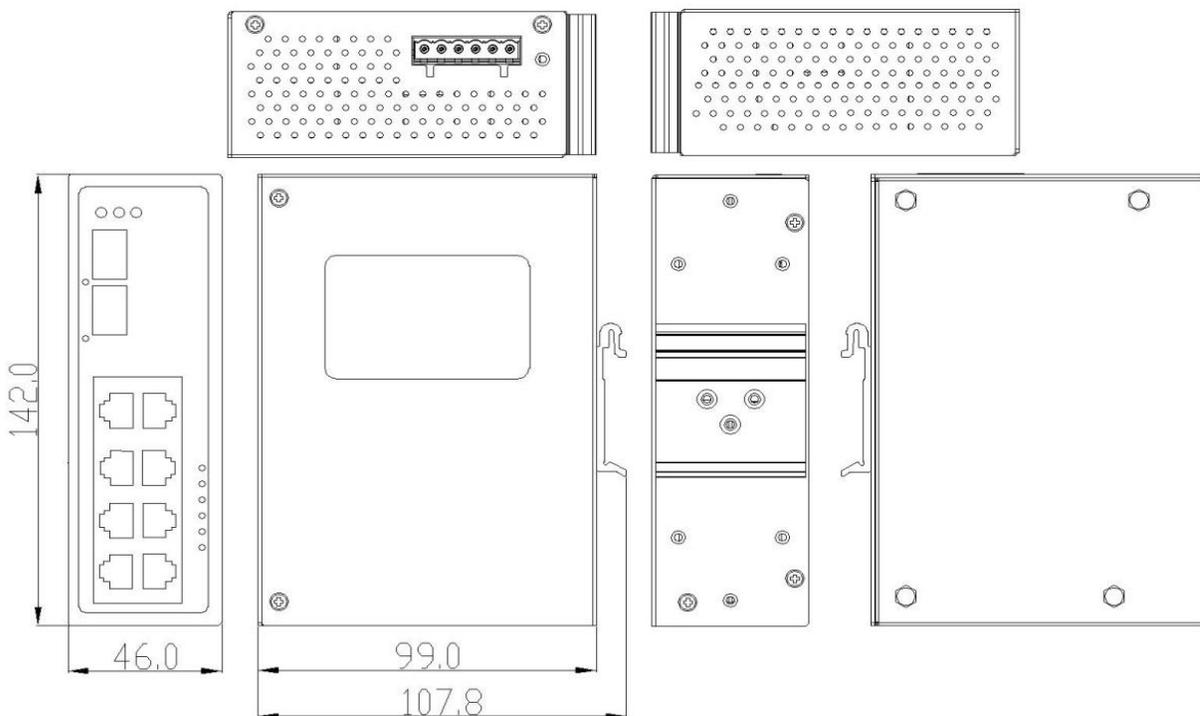
- ▶ Supports 6-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD 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 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



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 Characteristics	
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 Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A EN61000-4-2,3,4,5,6,8
EMS	EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 508 (Pending)
Warranty	5 Years

ORDERING INFO

LNP-0802C-SFP-24	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
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 75C

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