

LNP-0802C-SFP Series

8-Port Industrial PoE+ Gigabit Unmanaged Switch, with 6*10/100Tx (30W per Port), 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)



Features

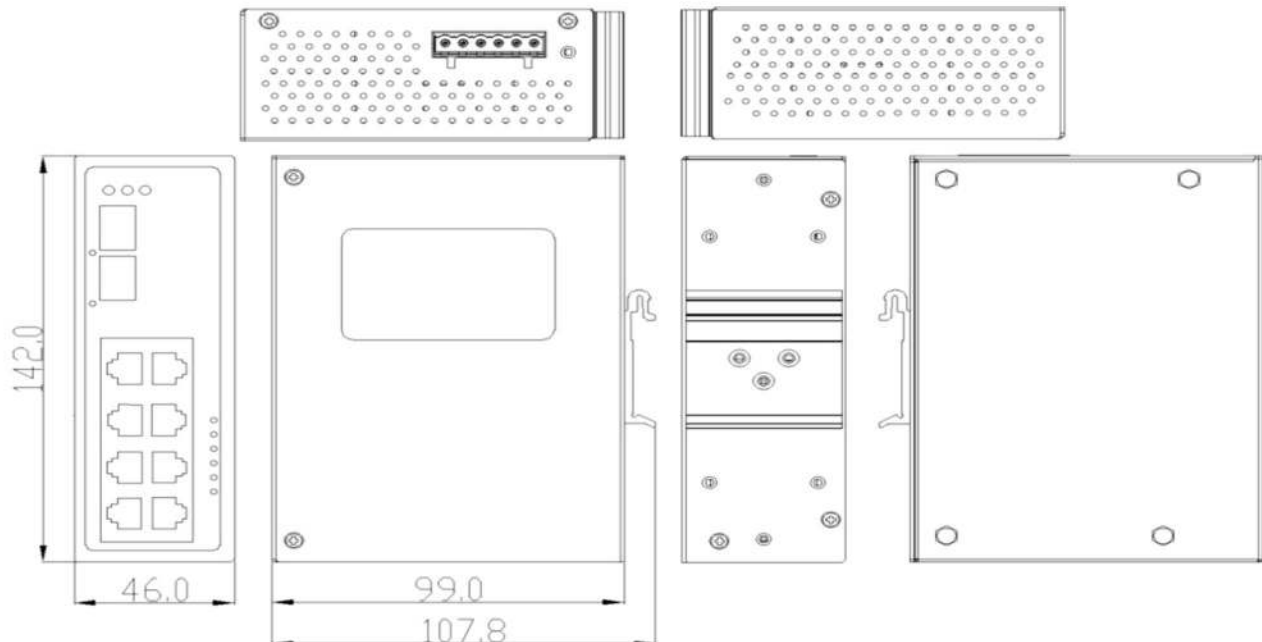
- ▶ Supports 6-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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 series industrial PoE+ Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable. It comes with 6*10/100Tx which support IEEE802.3at with high power PoE up to 30W/port, and 2*GigE combo ports (2*10/100/1000Tx RJ45, and 2*100/100 SFP slots for fiber), making it ideal for applications that demand a high bandwidth and long distance communication.

It provides a high EFT and ESD protection and dual power input with a 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. It is a perfectly designed product to fulfill special needs for industrial automation, outdoor and harsh weather environment applications.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100BaseTx Fast Ethernet	Dimensions	46 x 99 x 142 mm (W*D*H)
	IEEE 802.3ab 1000BaseTx	Weight	Unit 1.5lbs. Shipping Weight 2.0 lbs.
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail, wall mounting (optional)
	IEEE 802.3at PoE+	Environmental Limits	
Processing Type	Store and Forward	Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Protocol	CSMA/CD	Storage Temperature	-40°C ~ 85°C
Flow Control	IEEE 802.3x back pressure flow control	Ambient Relative Humidity	5 to 95%, (non-condensing)
Switch Properties		Regulatory Approvals	
Transfer Rate	14,880pps for Ethernet Port	EMI	FCC Class A
	148,800pps for Fast Ethernet Port	EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
	1,488,000pps for Gigabit Ethernet Port	Free Fall	IEC60068-2-32
Jumbo Frame	-	Shock	IEC60068-2-27
MAC Table Size	8K	Vibration	IEC60068-2-6
Interface		Green	RoHS Compliant
Ethernet Port	6*RJ45 Ports w/10/100Tx (PSE 30W/Port)	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Gigabit Combo Port Copper/SFP	2 *RJ45 Ports w/10/100/1000TX Ethernet and 2*100/1000 SFP Slot for Fiber	Warranty	5 Years
PoE Pin Out	V+, V+, V-, V- for pins 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	48~55VDC, Redundant Input		
Overload Current Protection	Present		
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	160 Watts @ 48V		
	190 Watts @ 51-55V (Full Load w/ PoE)		

ORDERING INFO

LNP-0802C-SFP	8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/6*10/100Tx (30W/Port), and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
LNP-0802C-SFP-T	8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/6*10/100Tx (30W/Port), and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots); EOT: -40 to 75C
Optional Accessories	
MDR-100-48	100W Industrial Single Output Miniature DIN Rail Power Supply, 48VDC
DR-120-48	120W Industrial Din Rail Power Supply, 48VDC
SDR-120-48	120W Industrial Single Output Miniature DIN Rail Power Supply, 48VDC
SDR-240-48	240W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 48VDC