

# 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

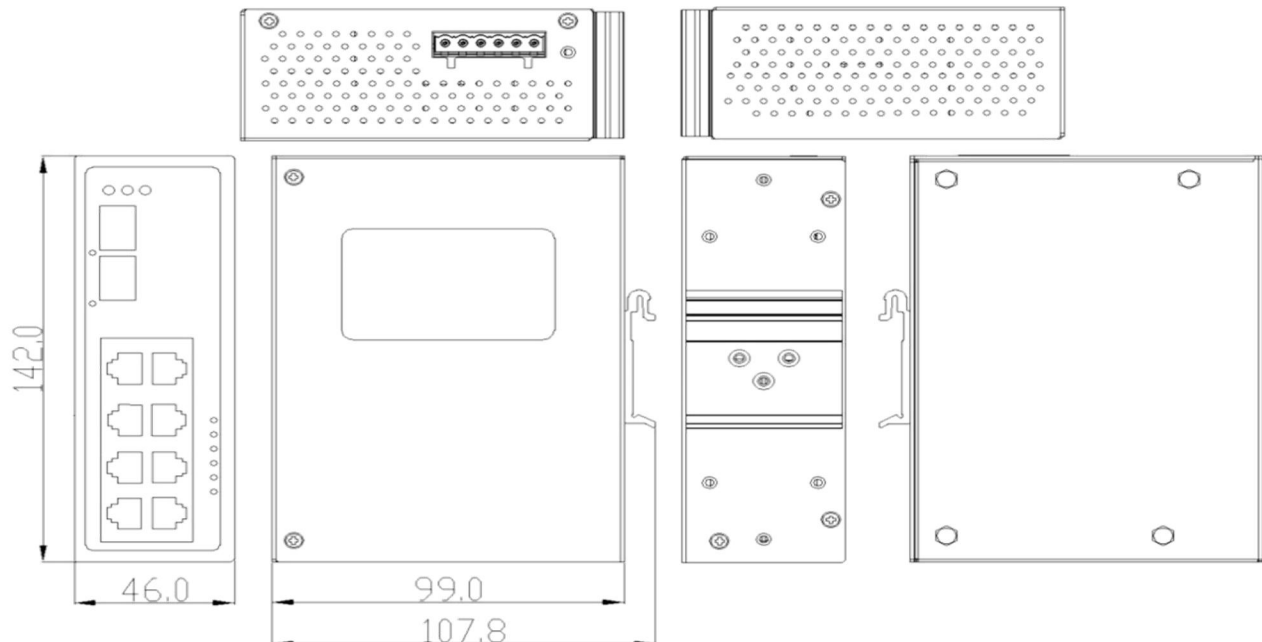
- ▶ Supports 6-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 2\*Gigabit Combo Ports (2\*10/100/1000Tx RJ45, and 2\*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶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

## ORDERING INFO

<b>LNP-0802C-SFP</b>	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)
<b>LNP-0802C-SFP-T</b>	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	
<b>MDR-100-48</b>	100W Industrial Single Output Miniature DIN Rail Power Supply, 48VDC
<b>DR-120-48</b>	120W Industrial Din Rail Power Supply, 48VDC
<b>SDR-120-48</b>	120W Industrial Single Output Miniature DIN Rail Power Supply, 48VDC
<b>SDR-240-48</b>	240W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 48VDC