

## LNP-0802C-SFP Series

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



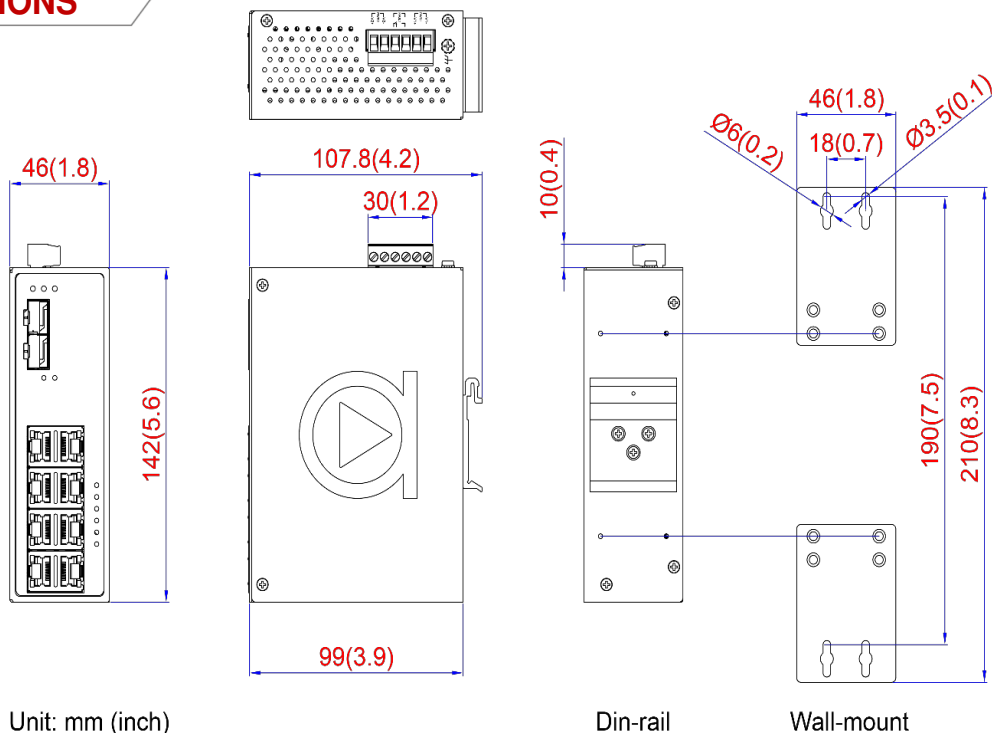
### Features

- ▶ Supports 6\*Port 10/100Tx IEEE 802.3at PoE+ Compliant (30W/Port) and 2\*Gigabit Combo Port
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 5.2Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame 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/PoE+ gigabit unmanaged Ethernet switch features 6\*10/100Tx ports, which support IEEE 802.3at high power PoE (30W/Port), and 2\*GigE combo ports (2\*10/100/1000Tx RJ45, and 2\*100/100 SFP slots for fiber). This product series provides high EFT and ESD protection to protect against unregulated voltage. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C), making it an ideal solution for harsh environments and industrial applications.

### DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Mechanical Characteristics</b>	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000Tx Gigabit Ethernet IEEE 802.3z Gigabit Fiber IEEE 802.3af/at Power over Ethernet	<b>Housing</b>	Metal, IP30 protection
<b>Processing Type</b>	Store and Forward	<b>Dimension</b>	46 x 142 x 99 mm
<b>Protocol</b>	CSMA/CD	<b>Weight</b>	Unit: 1.72 lbs.; Shipping: 2.12 lbs.
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Mounting</b>	DIN-Rail mounting, Wall mounting
<b>Switch Properties</b>		<b>Power Requirement</b>	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 5.2Gbps	<b>Input Voltage</b>	48~55VDC Redundant Input
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	<b>Power Connection</b>	1 removable 6-contact terminal block
<b>Memory Buffer</b>	4Mbits	<b>Relay Contact</b>	24 VDC, 1A resistive
<b>Jumbo Frame</b>	9.6Kbytes	<b>Overload Current Protection</b>	Present
<b>MAC Table Size</b>	8K	<b>Power Reverse Polarity Protection</b>	Present
<b>Port Interface</b>		<b>System Power Consumption</b>	12W
<b>Ethernet Port</b>	6*10/100Tx RJ45 Ports (30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>Max PoE Power Budget</b>	180W
<b>Gigabit Combo Port (Copper/SFP)</b>	2*10/100/1000Tx RJ45 Ports and 2*100/1000 SFP Slot	<b>Environmental Limits</b>	
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>LED Indicators</b>	System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting SFP: Link/Active PoE: On-connected to PD devices	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Network Cable</b>	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: 4-pair UTP/STP Cat.5/E cable EIA/TIA-568 100-ohm (100m)	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
		<b>Regulatory Approvals</b>	
		<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
		<b>EMS</b>	CE EN55024/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
		<b>Free Fall</b>	IEC60068-2-32
		<b>Shock</b>	IEC60068-2-27
		<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant
		<b>Certifications</b>	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNP-0802C-SFP</b>	8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 6*10/100Tx (30W/Port), 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, with 6*10/100Tx (30W/Port), 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); EOT: -40 to 75C

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660