



## LNP-1002G-SFP Series

10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch - 8\*10/100/1000Tx (30W per Port), and 2\*100/1000 SFP Slot



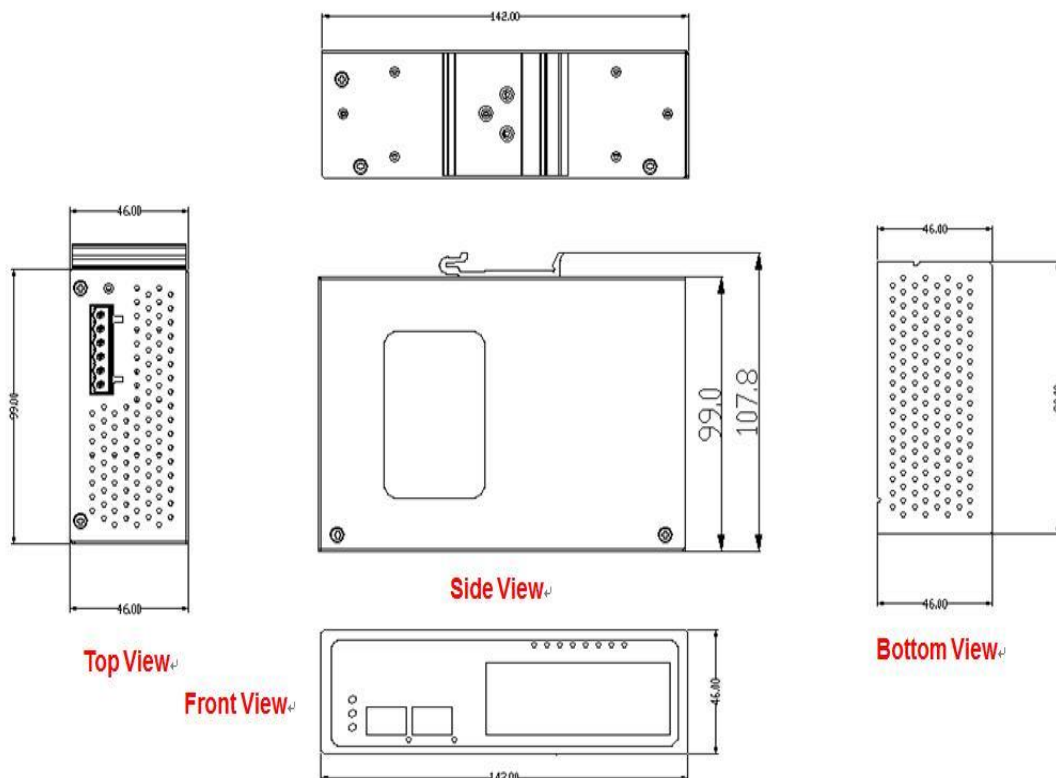
### Features

- ▶ Supports 8-Port 10/100/1000Tx IEEE 802.3at PoE+ Compliant with 30W per Port, + 2-Port 100/1000 SFP
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ 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-1002G-SFP series industrial PoE/PoE+ gigabit unmanaged Ethernet switch features 8\*10/100/1000Tx ports, which support IEEE 802.3at high power PoE (30W/Port), and two dual rate 100/1000Fx SFP slots. This product series provides high EFT and ESD protection to protect against unregulated voltage. It also provides wide operation temperature models for standard: -10° to 70°C and extended: -40° to 75°C. The LNP-1002G-SFP series is an ideal solution for harsh environments and industrial applications.

### DIMENSIONS



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## SPECIFICATIONS

<b>Technology</b>		<b>Mechanical Characteristics</b>	
<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)
<b>Processing Type</b>	Store and Forward	<b>Environmental Limits</b>	
<b>Protocol</b>	CSMA/CD	<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Switch Properties</b>		<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 10Gbps	<b>Regulatory Approvals</b>	
<b>Transfer Rate</b>	14,880pps for Ethernet Port	<b>EMI</b>	FCC Class A
	148,800pps for Fast Ethernet Port	<b>EMS</b>	EN61000-4-2,3,4,5,6,8,11,12 EN61000-6-2,4
	1,488,000pps for Gigabit Ethernet Port	<b>Free Fall</b>	IEC60068-2-32
<b>Jumbo Frame</b>	9.6Kbytes	<b>Shock</b>	IEC60068-2-27
<b>MAC Table Size</b>	8K	<b>Vibration</b>	IEC60068-2-6
<b>Interface</b>		<b>Green</b>	RoHS Compliant
<b>Ethernet Port</b>	8*RJ45 Ports w/10/100/1000Tx (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>Fiber Port</b>	2*100/1000 SFP Slot	<b>Warranty</b>	5 Years
<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		
	100Base Tx: 2-pair UTP/STP Cat. 5		
	1000Base Tx: 2-pair UTP/STP Cat. 5/5E		
<b>Power Requirements</b>			
<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>	210 Watts @ 48V		
	250 Watts @ 51-55V (Full Load w/ PoE)		

## ORDERING INFO

<b>LNP-1002G-SFP</b>	10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx (30W/Port), and 2*100/1000 SFP Slot
<b>LNP-1002G-SFP-T</b>	10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx (30W/Port), and 2*100/1000 SFP Slot; 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

## 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.

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