



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



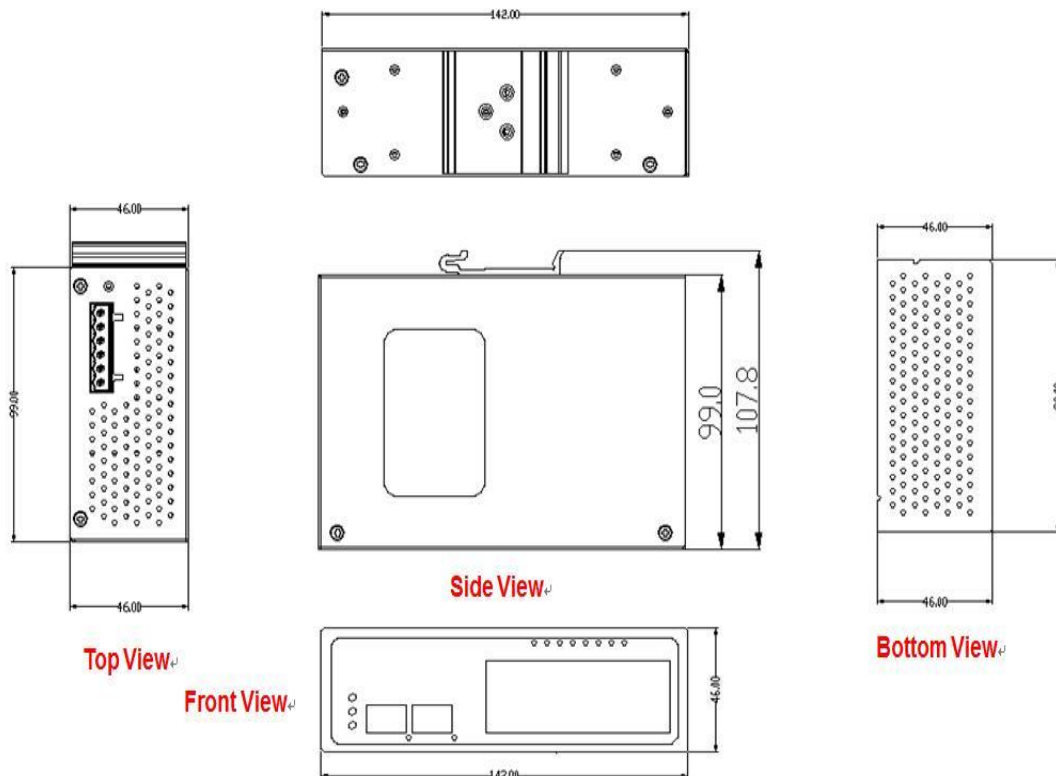
Features

- ▶ 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

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)
Processing Type	Store and Forward	Environmental Limits	
Protocol	CSMA/CD	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Flow Control	IEEE 802.3x back pressure flow control	Storage Temperature	-40°C ~ 85°C
Switch Properties		Ambient Relative Humidity	5 to 95%, (non-condensing)
Switch Architecture	Back-Plane (Switching Fabric): 10Gbps	Regulatory Approvals	
Transfer Rate	14,880pps for Ethernet Port	EMI	FCC Class A
	148,800pps for Fast Ethernet Port	EMS	EN61000-4-2,3,4,5,6,8,11,12 EN61000-6-2,4
	1,488,000pps for Gigabit Ethernet Port	Free Fall	IEC60068-2-32
Jumbo Frame	9.6Kbytes	Shock	IEC60068-2-27
MAC Table Size	8K	Vibration	IEC60068-2-6
Interface		Green	RoHS Compliant
Ethernet Port	8*RJ45 Ports w/10/100/1000Tx (PSE 30W/Port)	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Fiber Port	2*100/1000 SFP Slot	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	210 Watts @ 48V		
	250 Watts @ 51-55V (Full Load w/ PoE)		

ORDERING INFO

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

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

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