

LNP-1002G-SFP Series

Features

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

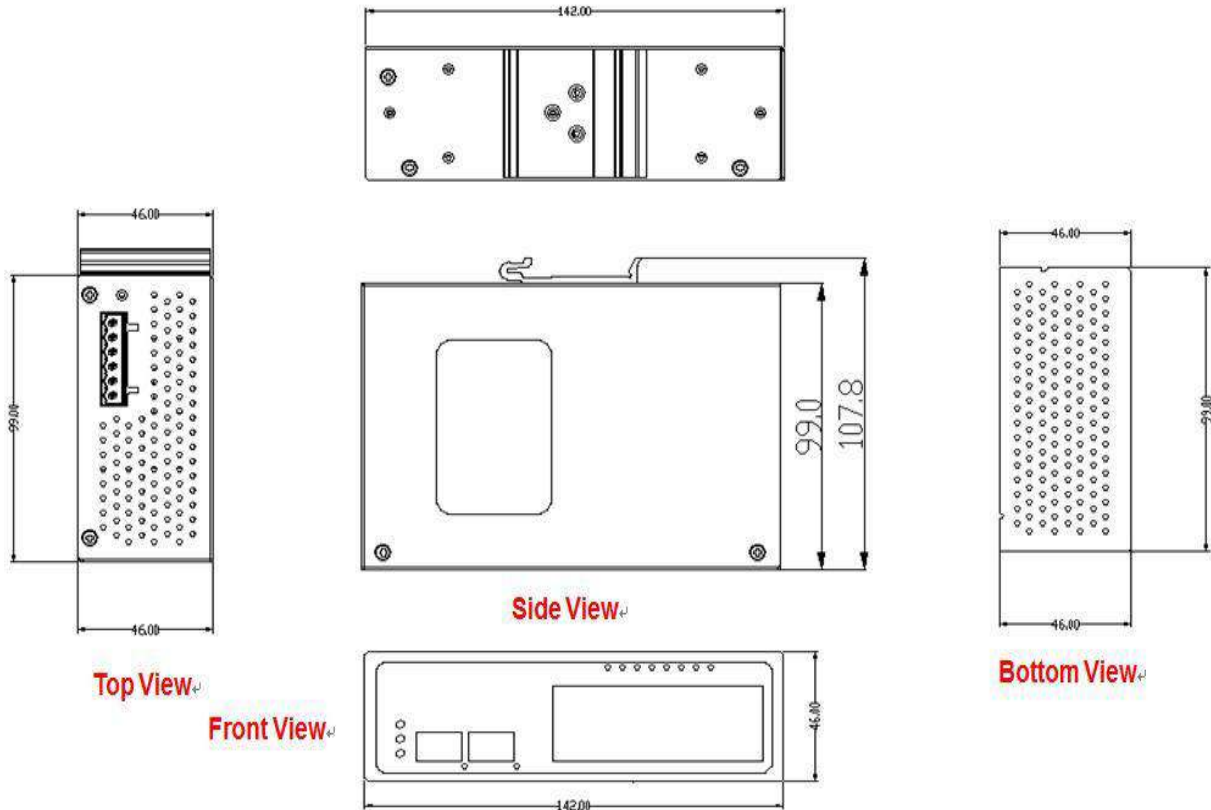


- ▶ Supports 8-Port 10/100/1000Tx IEEE 802.3at PoE+ Compliant with 30W per Port, + 2-Port 100/1000 SFP
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 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



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.	
	IEEE 802.3z Gigabit Fiber		Shipping Weight: 2.0 lbs.	
	IEEE 802.3at PoE+	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	
	1,488,000pps for Gigabit Ethernet Port		EN61000-6-2,4	
Jumbo Frame	9.6Kbytes	Free Fall	IEC60068-2-32	
MAC Table Size	8K	Shock	IEC60068-2-27	
Interface		Vibration	IEC60068-2-6	
Ethernet Port	8*RJ45 Ports w/10/100/1000Tx (PSE 30W/Port)	Green	RoHS Compliant	
Fiber Port	2*100/1000 SFP Slot	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01	
PoE Pin out	V+, V+, V-, V- for pins 1,2,3,6 Endspan, MDI Alternative A		Warranty	5 Years
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