

LNx-1002G-SFP Series

10-Port Industrial Gigabit Unmanaged Ethernet Switch - 8*10/100/1000Tx, and 2*100/1000 SFP Slots



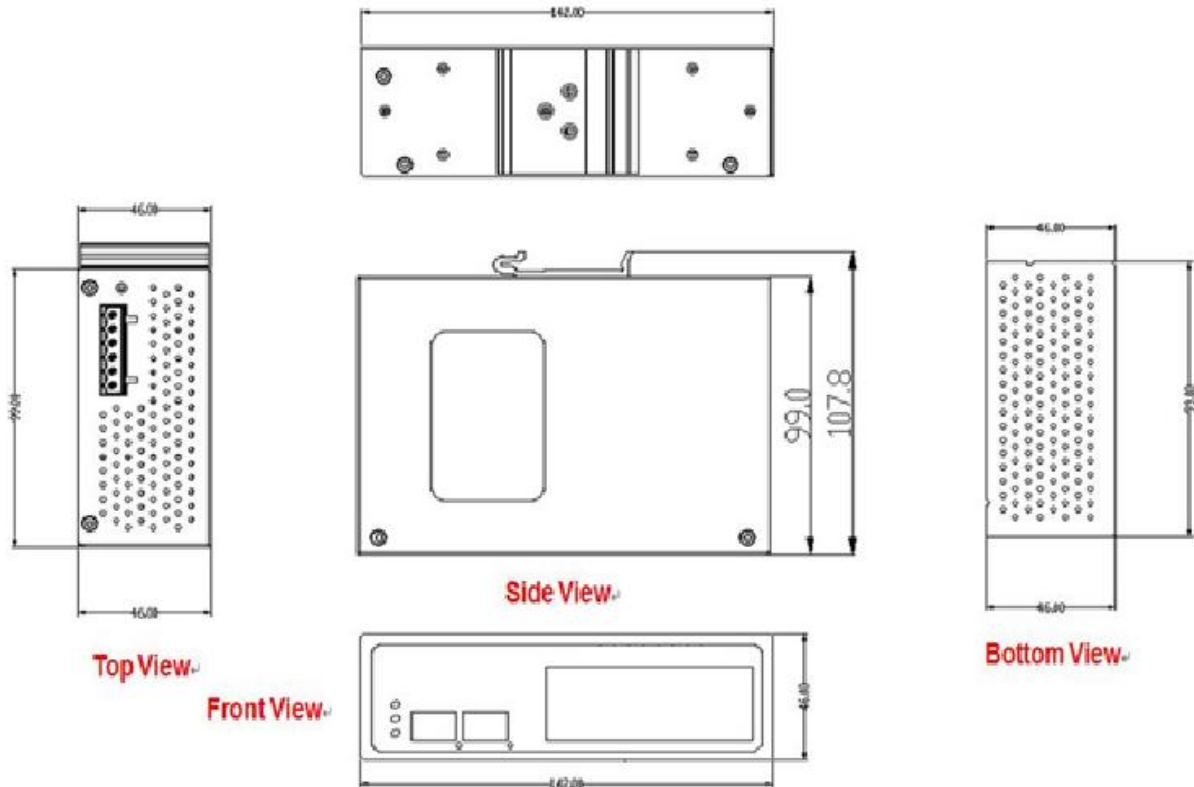
Features

- ▶ Supports 8-Port 10/100/1000Tx and 2*100/1000 SFP Slots
- ▶ 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: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Design
- ▶ 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' LNx-1002G-SFP series industrial gigabit unmanaged Ethernet switch features 8*10/100/1000Tx ports, 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 LNx-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.
Processing Type	Store and Forward	Mounting	DIN-Rail, Wall mounting (optional)
Protocol	CSMA/CD	Environmental Limits	
Flow Control	IEEE 802.3x back pressure flow control	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Switch Properties		Storage Temperature	-40°C ~ 85°C
Switch Architecture	Back-Plane (Switching Fabric): 10Gbps	Ambient Relative Humidity	5 to 95%, (non-condensing)
Transfer Rate	14,880pps for Ethernet Port	Regulatory Approvals	
	148,800pps for Fast Ethernet Port	EMI	FCC Class A
	1,488,000pps for Gigabit Ethernet Port	EMS	EN61000-4-2,3,4,5,6,8,11,12 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	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
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5	Warranty	5 Years
	100Base Tx: 2-pair UTP/STP Cat. 5		
	1000Base Tx: 2-pair UTP/STP Cat. 5/5E		
Power Requirements			
Input Voltage	12~48VDC, Redundant Input		
Overload Current Protection	Present		
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	10 Watts		

ORDERING INFO

LNX-1002G-SFP	10-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx, and 2*100/1000 SFP Slot
LNX-1002G-SFP-T	10-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx, and 2*100/1000 SFP Slot; EOT: -40° to 75°C

Optional Accessories

DR-15-24	15W Industrial Din Rail Power Supply, 24VDC
DR-45-24	45W Industrial Din Rail Power Supply, 24VDC
MDR-60-48	60W Industrial Din Rail Power Supply, 48VDC
DR-75-48	75W Industrial Din Rail Power Supply, 48VDC

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