

LNX-1202G-SFP Series

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



Features

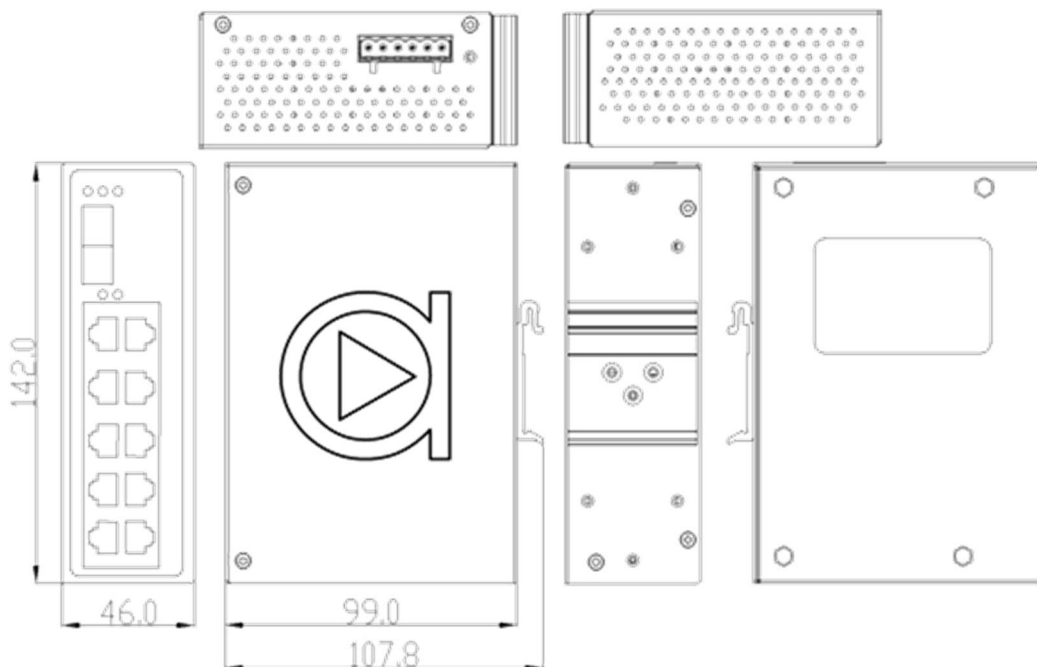
- ▶ Supports 10*10/100/1000Tx and 2*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 24Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure 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' LNX-1202G-SFP industrial gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable. Each unit is designed with 10 gigabit Ethernet ports and two dual rate (100/1000) SFP slots for fiber connections, making it ideal for applications that demand high bandwidth and long distance communication. This product series provides high EFT and ESD protection to prevent any unregulated voltage. Plus, it provides two wide operating temperature models to support either a -10° to 70°C or -40 to 75°C environment.

The LNX-1202G-SFP product series is ideal for supporting applications that require high density port connections, such as, power/utility, water wastewater treatment plants, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3z Gigabit Fiber	Housing	Metal, IP30 protection
Processing Type	Store and Forward	Dimensions	46 x 99 x 142 mm (W*D*H)
Protocol	CSPA/CD	Weight	Unit: 1.7lbs. Shipping: 2.2 lbs.
Flow Control	IEEE 802.3x back pressure flow control	Mounting	DIN-Rail and wall mounting Provided
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 24Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Storage Temperature	-40°C ~ 85°C
Protection	EFT: 2,000VDC; ESD: 6,000VDC	Ambient Relative Humidity	5 to 95%, (non-condensing)
Memory Buffer	7,926pps (default)	Regulatory Approvals	
Jumbo Frame	9.6Kbytes	EMI	FCC Class A
MAC Table Size	8K	EMS	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
Interface		Free Fall	IEC60068-2-32
Ethernet Port	10*RJ45 Ports w/10/100/1000Tx	Shock	IEC60068-2-27
Fiber Port	2*100/1000 SFP Slot	Vibration	IEC60068-2-6
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	Green	RoHS Compliant
Power Requirements		Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Input Voltage	12~48VDC, Redundant Input	Warranty	5 Years
Overload Current Protection	Present		
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	10 Watts		

ORDERING INFO

LNX-1202G-SFP	12-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 10*10/100/1000Tx, and 2*100/1000 SFP Slot
LNX-1202G-SFP-T	12-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 10*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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