LNX-1202G-10G-SFP

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

Features

► **Supports 10*10/100/1000Tx Ethernet Ports and 2*10G SFP+ Fiber Slots**
► **Supports Auto MDI/MDI-X Function**
► **Store-and-Forward Switching Architecture**
► **16K MAC Address Table**
► **9,216 Bytes Jumbo Frame Support**
► **Surge Protection: 2,000 VDC Support**
► **ESD Protection: 6,000 VDC Support**
► **Redundant Power Input Design: 12 to 48VDC**
► **Built-in 1 Relay Output for Power Failure Warning**
► **IP30 Rugged Metal Case Design**
► **DIN-Rail and Wall Mount Support**
► **Operating Temperature Range: -40° to 60°C**
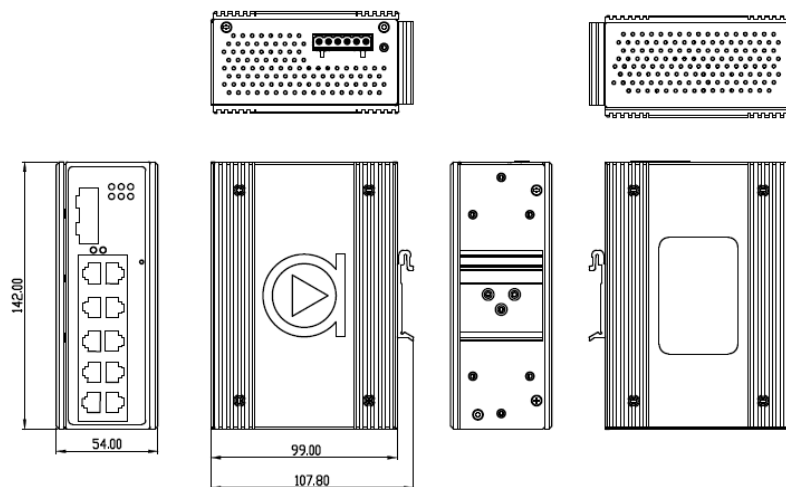► **5-Year Warranty**

INTRODUCTION

Antaira's **LNX-1202G-10G-SFP** industrial gigabit unmanaged Ethernet switch is IP30 rated and DIN-Rail and wall mountable. Each unit is designed with 10 gigabit Ethernet ports and two 10G SFP+ slots for fiber connections, making it ideal for applications that demand high bandwidth and long distance communication.

This product provides high EFT and ESD protection to prevent any unregulated voltage and is suitable for harsh environments. The unit also supports an operating temperature range from -40° to 60°C.

The LNX-1202G-10G-SFP is the perfect industrial networking product to support any application that requires high bandwidth or high density connections, such as power/utility, water wastewater treatment plants, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS

Dimensions (unit = mm)

142.00
54.00
99.00
107.80

SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3ae 10 Gigabit Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x Back Pressure Flow Control

Switch Properties	
Switch Architecture	Back-Plane (Switching Fabric): Non-Blocking
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port 14,880,000pps for 10 Gigabit Ethernet Port
Memory Buffer	12 Mbits
Jumbo Frame	9216 Bytes
MAC Table Size	16K

Interface	
Ethernet Ports	10*RJ45 Ports w/10/100/1000Tx, Auto Negotiation Speed, Full/Half Duplex Mode, and Auto MDI/MDI-X Connection
Fiber Ports	2*10G SFP+ Slots
LED Indicators	Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data Transmitting SFP+: Link/Active
Wavelength	Refer to SFP+ Modules
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	12 to 48VDC, Redundant Input
Overload Current Protection	Present (Slow-Blown Fuse)
Connection	1 Removable 6-Contact Terminal Block
Reverse Polarity Protection	Yes
Power Consumption	16Watts
Relay Contact	24VDC, 1A Resistive

Mechanical Characteristics	
Housing	Metal, IP30 Protection
Dimensions	54 x 99 x 142 mm (W*D*H)
Weight	Unit-3.0lbs. / Shipping Weight-3.5 lbs.
Mounting	DIN-Rail, Wall Mounting (optional)

Environmental Limits	
Operating Temperature	-40°C to 60°C
Storage Temperature	-40°C to 85°C
Ambient Relative Humidity	5 to 95%, (Non-condensing)

Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EMS	IEC61000-4-2,3,4,5,6,8
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	UL 61010-1, 61010-2-201 (Pending)
Warranty	5 Years

ORDERING INFO

LNX-1202G-10G-SFP	12-Port Industrial Gigabit Unmanaged Ethernet Switch with 10*10/100/1000Tx and 2*10G SFP+ Slots

Optional Accessories	
MDR-20-24	20W Industrial DIN-Rail Power Supply, 24VDC
MDR-40-48	40W Industrial DIN-Rail Power Supply, 48VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC