

# LNX-1202G-SFP Series

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



## Features

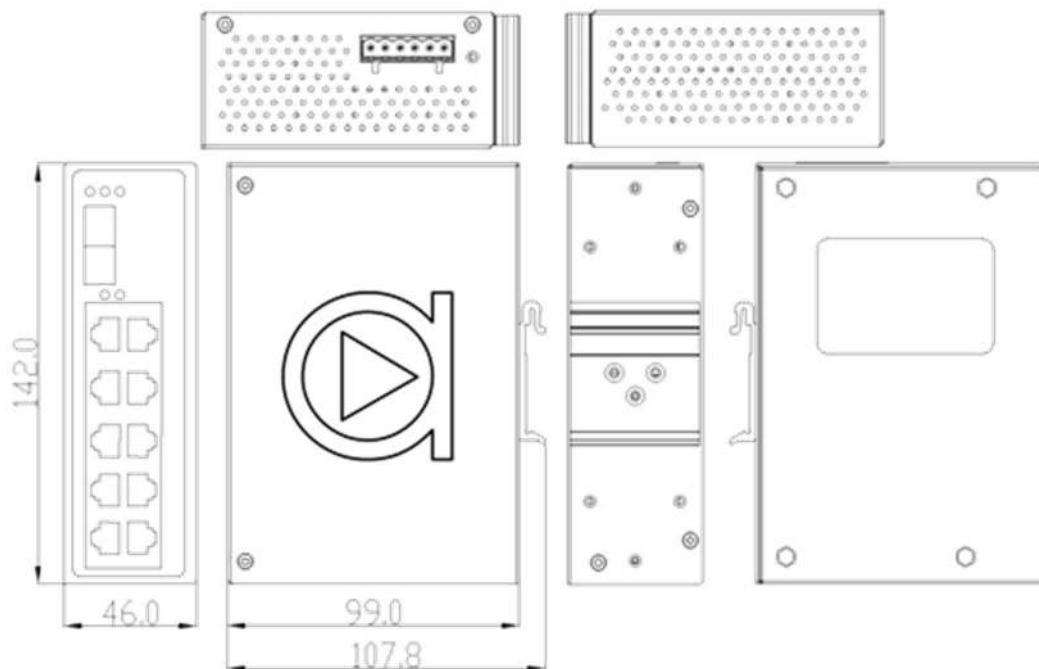
- ▶ Supports 10\*10/100/1000Tx and 2\*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 24Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 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	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3z Gigabit Fiber
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
Switch Properties	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 24Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Protection</b>	EFT: 2,000VDC; ESD: 6,000VDC
<b>Memory Buffer</b>	7,926pps (default)
<b>Jumbo Frame</b>	9.6Kbytes
<b>MAC Table Size</b>	8K
Interface	
<b>Ethernet Port</b>	10*RJ45 Ports w/10/100/1000Tx
<b>Fiber Port</b>	2*100/1000 SFP Slot
<b>Network Cable</b>	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	
<b>Input Voltage</b>	12~48VDC, Redundant Input
<b>Overload Current Protection</b>	Present
<b>Connection</b>	1 removable 6-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>Power Consumption</b>	10 Watts

Mechanical Characteristics	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	46 x 99 x 142 mm (W*D*H)
<b>Weight</b>	Unit: 1.7lbs. Shipping: 2.2 lbs.
<b>Mounting</b>	DIN-Rail and wall mounting Provided
Environmental Limits	
<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
Regulatory Approvals	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-1202G-SFP</b>	12-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 10*10/100/1000Tx, and 2*100/1000 SFP Slot
<b>LNX-1202G-SFP-T</b>	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	
<b>DR-15-24</b>	15W Industrial Din Rail Power Supply, 24VDC
<b>DR-45-24</b>	45W Industrial Din Rail Power Supply, 24VDC
<b>MDR-60-48</b>	60W Industrial Din Rail Power Supply, 48VDC
<b>DR-75-48</b>	75W Industrial Din Rail Power Supply, 48VDC