

# LNX-1002G-SFP Series

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



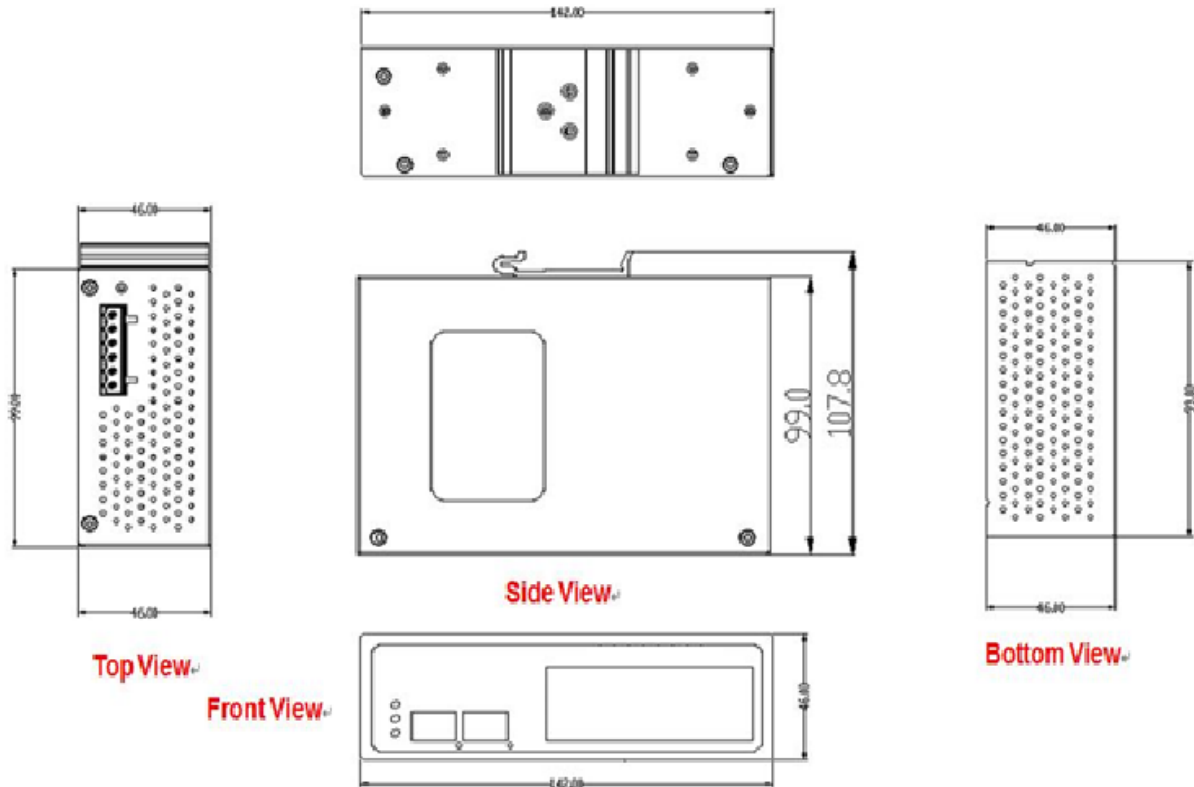
## Features

- ▶ Supports 8-Port 10/100/1000Tx and 2\*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 20Gbps 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 70C and extended: - 40 to 75C. The LNX-1002G-SFP series is an ideal solution for harsh environments and industrial applications.

## DIMENSIONS



## SPECIFICATIONS

Technology		Mechanical Characteristics	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet	<b>Housing</b>	Metal, IP30 protection
	IEEE 802.3u 100BaseTx Fast Ethernet	<b>Dimensions</b>	46 x 99 x 142 mm (W*D*H)
	IEEE 802.3ab 1000BaseTx	<b>Weight</b>	Unit 1.5lbs. ; Shipping Weight 2.0 lbs.
	IEEE 802.3z Gigabit Fiber	<b>Mounting</b>	DIN-Rail, wall mounting (optional)
<b>Processing Type</b>	Store and Forward	<b>Environmental Limits</b>	
<b>Protocol</b>	CSMA/CD	<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Storage Temperature</b>	-40°C ~ 85°C
Switch Properties		<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 20Gbps	<b>Regulatory Approvals</b>	
<b>Transfer Rate</b>	14,880pps for Ethernet Port	<b>EMI</b>	FCC Class A
	148,800pps for Fast Ethernet Port	<b>EMS</b>	EN61000-4-2,3,4,5,6,8,11,12 EN61000-6-2,4
	1,488,000pps for Gigabit Ethernet Port	<b>Free Fall</b>	IEC60068-2-32
<b>Jumbo Frame</b>	9.6Kbytes	<b>Shock</b>	IEC60068-2-27
<b>MAC Table Size</b>	8K	<b>Vibration</b>	IEC60068-2-6
Interface		<b>Green</b>	RoHS Compliant
<b>Ethernet Port</b>	8*RJ45 Ports w/10/100/1000Tx	<b>Certifications</b>	FCC, CE, UL 508 (Pending)
<b>Fiber Port</b>	2*100/1000 SFP Slot	<b>Warranty</b>	5 Years
<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		

## ORDERING INFO

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