

# LNX-1002C-SFP Series

10-Port Industrial Gigabit Unmanaged Ethernet Switch, 8\*10/100Tx, 2\*Gigabit Combo Ports (2\*10/100/1000Tx RJ45, and 2\*100/1000 SFP Slots)



## Features

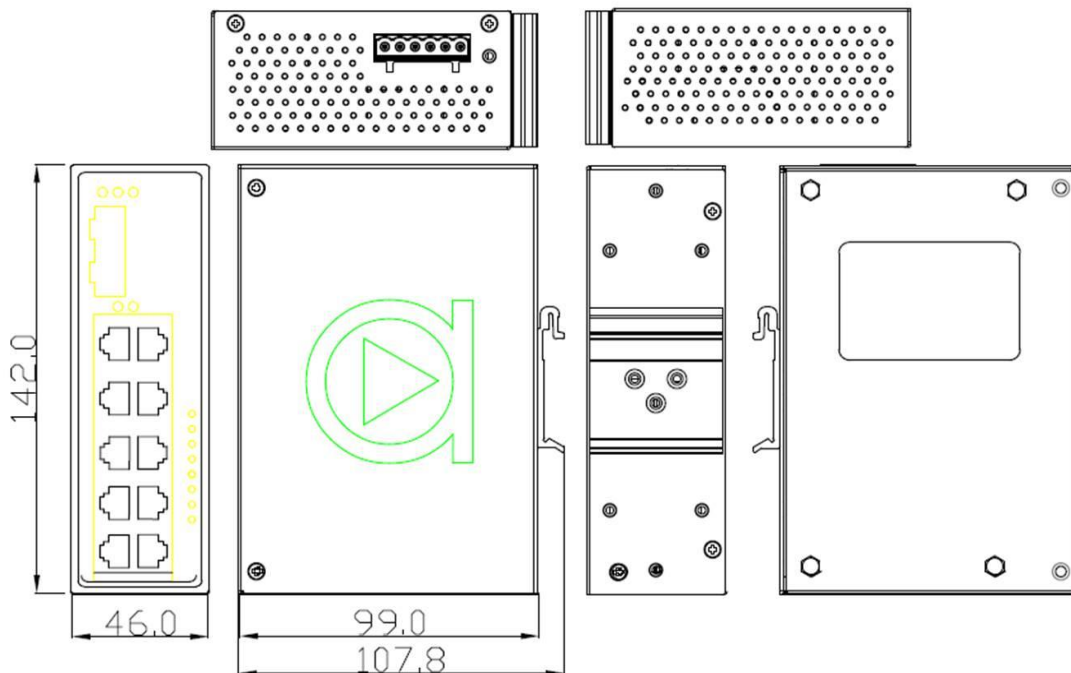
- ▶ Supports 8-Port 10/100Tx and 2\*Gigabit Combo Ports (2\*10/100/1000Tx RJ45, and 2\*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant 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-1002C-SFP industrial gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 8\*10/100Tx and 2\*GigE combo ports (2\*10/100/1000Tx RJ45 and 2\*100/1000 SFP slots for fiber). This series is ideal for applications that demand high bandwidth and long distance communication.

The LNX-1002C-SFP series provides a high EFT and ESD protection along with a dual power input having a reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports from -40 to 75°C. Also, this product series has been designed to fulfill special needs for industrial automation and harsh outdoor environment applications.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx Ethernet IEEE 802.3az 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
<b>Switch Properties</b>	
<b>Switch Architecture</b>	Non-Blocking Switching Fabric 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Transfer Rate</b>	4Mbps (default)
<b>Memory Buffer</b>	-
<b>Jumbo Frame</b>	-
<b>MAC Table Size</b>	8K
<b>Interface</b>	
<b>Ethernet Port</b>	6*RJ45 Ports w/10/100Tx
<b>Gigabit Combo Port (Copper/SFP)</b>	2 *RJ45 Ports w/10/100/1000TX Ethernet and 2*100/1000 SFP Slot 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
<b>Network Cable</b>	
<b>Power Requirements</b>	
<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

<b>Mechanical Characteristics</b>	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	46 x 99 x 142 mm (W*D*H)
<b>Weight</b>	Unit 1.5lbs. ; Shipping Weight 2.0 lbs.
<b>Mounting</b>	DIN-Rail, wall mounting (optional)
<b>Environmental Limits</b>	
<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)
<b>Regulatory Approvals</b>	
<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 508 (Pending)
<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-1002C-SFP</b>	10-Port Industrial Gigabit Unmanaged Ethernet Switch, w/8*10/100Tx, and 2*Gigabit Combo ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
<b>LNX-1002C-SFP-T</b>	10-Port Industrial Gigabit Unmanaged Ethernet Switch, w/8*10/100Tx, and 2*Gigabit Combo ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots) ; 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