

# 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

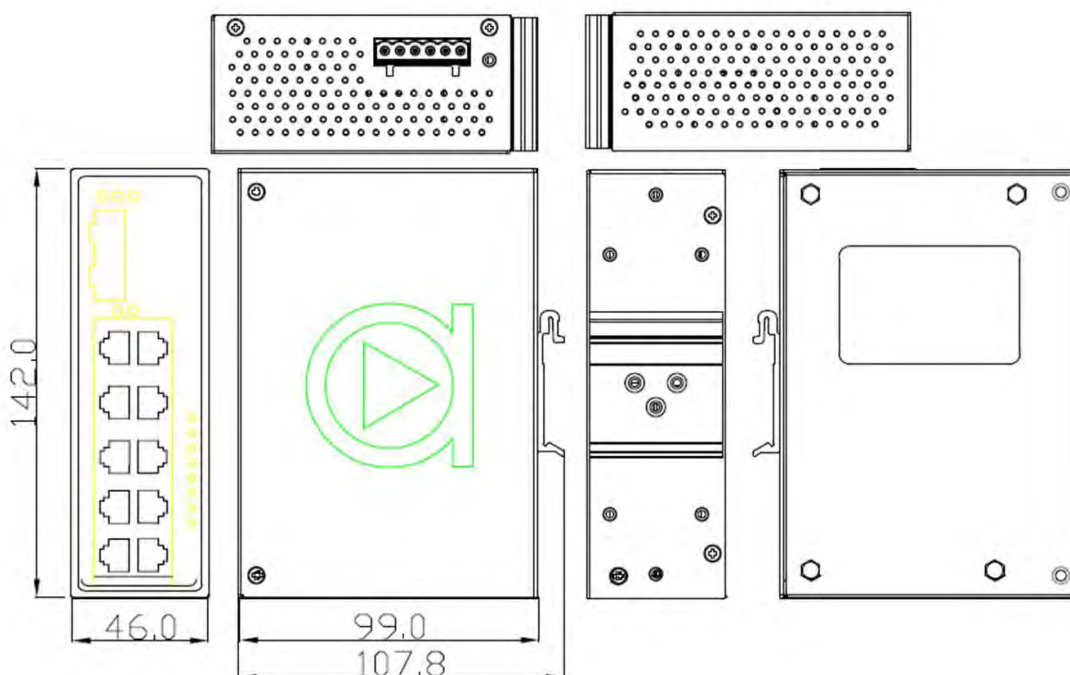
- ▶ Supports 8-Port 10/100Tx and 2\*Gigabit Combo Ports (2\*10/100/1000Tx RJ45, and 2\*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant 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 series 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

Technology	
Standards	IEEE 802.3 10BaseTx Ethernet
	IEEE 802.3u 100BaseTx Fast Ethernet
	IEEE 802.3ab 1000BaseTx Ethernet
	IEEE 802.3az Gigabit Fiber
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Switch Architecture	Non-Blocking Switching Fabric
Transfer Rate	14,880pps for Ethernet Port
	148,800pps for Fast Ethernet Port
	1,488,000pps for Gigabit Ethernet Port
Memory Buffer	4Mbps (default)
Jumbo Frame	-
MAC Table Size	8K
Interface	
Ethernet Port	6*RJ45 Ports w/10/100Tx
Gigabit Combo Port (Copper/SFP)	2 *RJ45 Ports w/10/100/1000TX Ethernet and 2*100/1000 SFP Slot
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	12~48VDC, Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	10 Watts

Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	46 x 99 x 142 mm (W*D*H)
Weight	Unit: 1.5lbs.
	Shipping Weight: 2.0 lbs.
Mounting	DIN-Rail, Wall mounting (optional)
Environmental Limits	
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

## ORDERING INFO

LNX-1002C-SFP	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)
LNX-1002C-SFP-T	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	
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