



LNX-0802C-SFP Series

8-Port Industrial Gigabit Unmanaged Ethernet Switch, 6*10/100Tx, 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)



Features

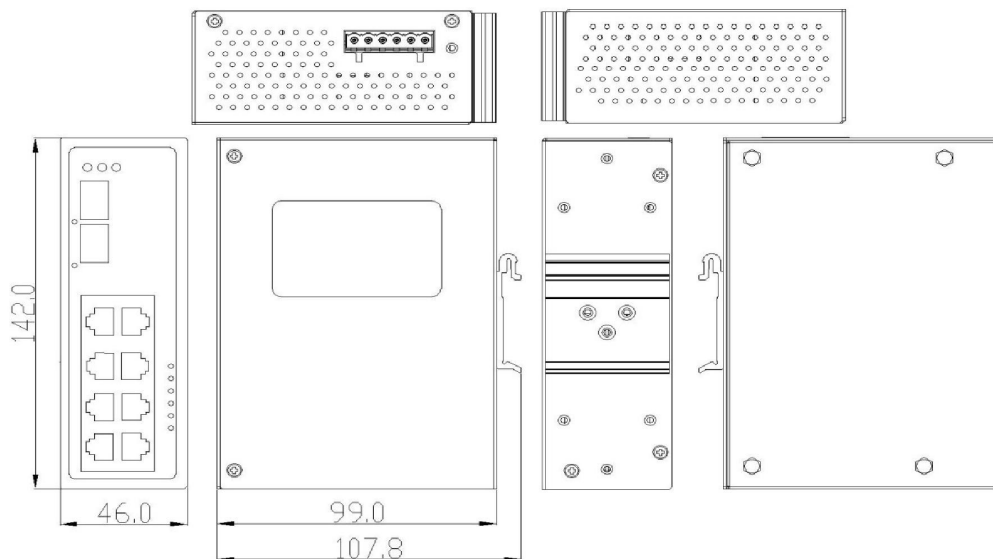
- ▶ Supports 6-Port 10/100Tx and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant 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-0802C-SFP series industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 6*10/100Tx + 2*GigE combo ports (2*10/100/1000Tx RJ45, and 2*100/100 SFP slots for fiber), making it ideal for applications that demand high bandwidth and long-distance communication.

This series provides a high EFT and ESD protection and dual power input with 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. It is a perfectly designed product to fulfill special needs for industrial automation, outdoor and harsh weather environment applications.

DIMENSIONS





SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100BaseTx Fast Ethernet	Dimensions	46 x 99 x 142 mm (W*D*H)
	IEEE 802.3ab 1000BaseTx	Weight	Unit: 1.5 lbs. Shipping Weight: 2.0 lbs.
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail, Wall mounting (optional)
Processing Type	Store and Forward	Environmental Limits	
Protocol	CSMA/CD	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Flow Control	IEEE 802.3x back pressure flow control	Storage Temperature	-40°C ~ 85°C
Switch Properties		Ambient Relative Humidity	5 to 95%, (non-condensing)
Transfer Rate	14,880pps for Ethernet Port	Regulatory Approvals	
	148,800pps for Fast Ethernet Port	EMI	FCC Class A
	1,488,000pps for Gigabit Ethernet Port	EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
Jumbo Frame	-	Free Fall	IEC60068-2-32
MAC Table Size	8K	Shock	IEC60068-2-27
Interface		Vibration	IEC60068-2-6
Ethernet Port	6*RJ45 Ports w/10/100Tx	Green	RoHS Compliant
Gigabit Combo Port (Copper/SFP)	2 *RJ45 Ports w/10/100/1000TX	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
	Ethernet and 2*100/1000 SFP Slot		
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5		Warranty
	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		

ORDERING INFO

LNX-0802C-SFP	8-Port Industrial Gigabit Unmanaged Ethernet Switch, w/6*10/100Tx, and 2*Gigabit Combo ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots)
LNX-0802C-SFP-T	8-Port Industrial Gigabit Unmanaged Ethernet Switch, w/6*10/100Tx, and 2*Gigabit Combo ports (2*10/100/1000Tx RJ45, and 2*100/1000 SFP Slots) ; EOT: -40° to 75°C
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

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