



## 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

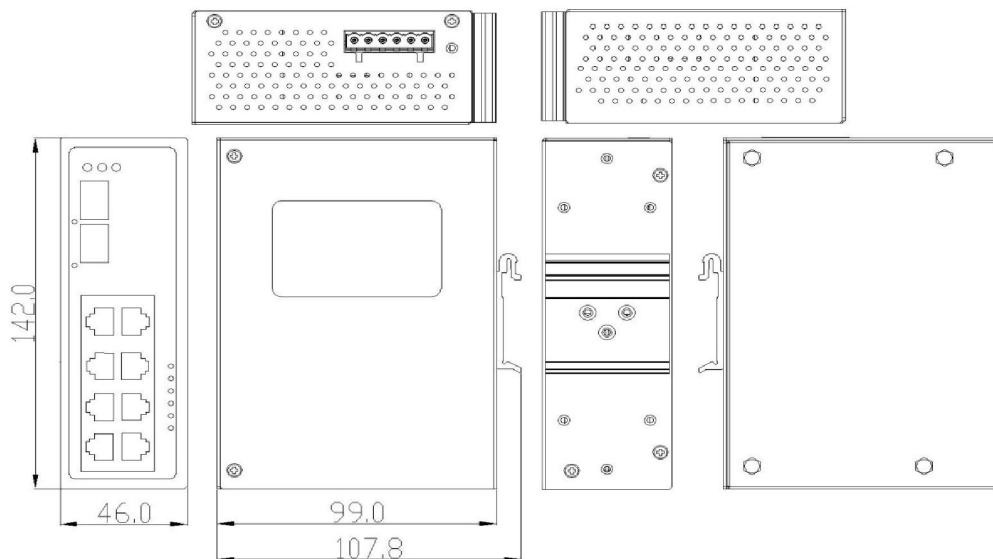
- ▶ Supports 6-Port 10/100Tx and 2\*Gigabit Combo Ports (2\*10/100/1000Tx RJ45, and 2\*100/1000 SFP Slots)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant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

<b>Technology</b>		<b>Mechanical Characteristics</b>	
<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: 1.5 lbs. 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
<b>Switch Properties</b>		<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Transfer Rate</b>	14,880pps for Ethernet Port	<b>Regulatory Approvals</b>	
	148,800pps for Fast Ethernet Port	<b>EMI</b>	FCC Class A
	1,488,000pps for Gigabit Ethernet Port	<b>EMS</b>	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
<b>Jumbo Frame</b>	-	<b>Free Fall</b>	IEC60068-2-32
<b>MAC Table Size</b>	8K	<b>Shock</b>	IEC60068-2-27
<b>Interface</b>		<b>Vibration</b>	IEC60068-2-6
<b>Ethernet Port</b>	6*RJ45 Ports w/10/100Tx	<b>Green</b>	RoHS Compliant
<b>Gigabit Combo Port (Copper/SFP)</b>	2 *RJ45 Ports w/10/100/1000TX	<b>Certifications</b>	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		
<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		<b>Warranty</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		

## ORDERING INFO

<b>LNX-0802C-SFP</b>	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)
<b>LNX-0802C-SFP-T</b>	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
<b>Optional Accessories</b>	
<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

Toll-Free: 1 (844) 268-2472 | T: 1 (714) 671-9000 | F: 1 (714) 671-9944

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### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660