

LNX-0802C-SFP Series

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



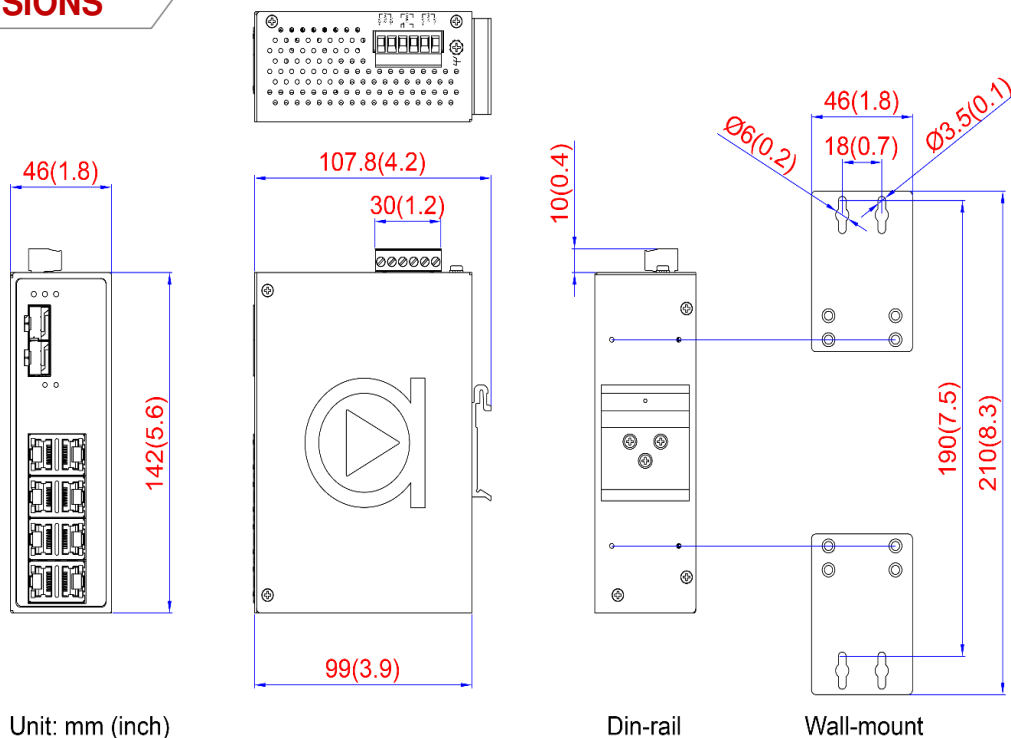
Features

- ▶ Supports 6*Port 10/100Tx and 2*Gigabit Combo Port
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 5.2Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame 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 features 6*10/100Tx ports and 2*GigE combo ports (2*10/100/1000Tx RJ45, and 2*100/100 SFP slots for fiber). This product series provides high EFT and ESD protection to protect against unregulated voltage. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C), making it an ideal solution for harsh environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10Tx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100Tx Fast Ethernet	Dimension	46 x 142 x 99 mm
	IEEE 802.3ab 1000Tx Gigabit Ethernet	Weight	Unit: 1.4 lbs.; Shipping: 1.8 lbs.
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
Processing Type	Store and Forward	Power Requirement	
Protocol	CSMA/CD	Input Voltage	12~48VDC Redundant Input
Flow Control	IEEE 802.3x back pressure flow control	Power Connection	1 removable 6-contact terminal block
Switch Properties		Relay Contact	24 VDC, 1A resistive
Switch Architecture	Back-Plane (Switching Fabric): 5.2Gbps	Overload Current Protection	Present
Transfer Rate	14,880pps for Ethernet Port	Power Reverse Polarity Protection	Present
	148,800pps for Fast Ethernet Port	System Power Consumption	12W
	1,488,000pps for Gigabit Ethernet Port	Environmental Limits	
Memory Buffer	4Mbits	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Jumbo Frame	9.6Kbytes	Storage Temperature	-40°C ~ 85°C
MAC Table Size	8K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Port Interface		Regulatory Approvals	
Ethernet Port	6*10/100Tx RJ45 Ports Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Gigabit Combo Port (Copper/SFP)	2*10/100/1000Tx RJ45 Ports and 2*100/1000 SFP Slot	EMS	CE EN55024/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
LED Indicators	System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting SFP: Link/Active	Free Fall	IEC60068-2-32
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Shock	IEC60068-2-27
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
	1000BaseTX: 4-pair UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m)	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-0802C-SFP	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 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, with 6*10/100Tx and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); EOT: -40 to 75C

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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