

LNX-0702C-SFP Series

7-Port Industrial Unmanaged Ethernet Switch, with
5*10/100Tx and 2*100/1000 SFP Slots



Features

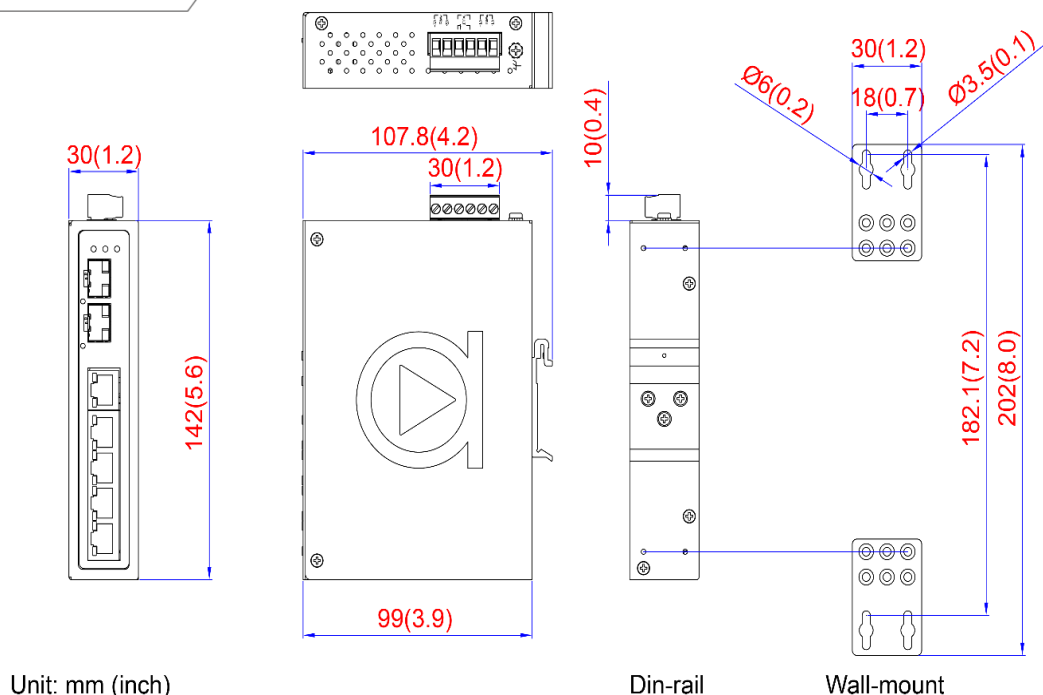
- ▶ Supports 5*10/100Tx Ethernet Ports and 2*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 5Gbps Back-Plane (Switching Fabric)
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:
STD: -10°C to 70°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-0702C-SFP series is a 7-port industrial unmanaged Ethernet switch embedded with 5*10/100Tx Ethernet ports and 2*100/1000 dual rate SFP slots for fiber connection.

The LNX-0702C-SFP series has been specifically designed for rugged and harsh environmental deployments. This product series is housed in a hardened IP30 rated metal enclosure that includes DIN-rail and wall mounting hardware. There are 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).

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseT Ethernet	Housing	Metal, IP30 rated
	IEEE 802.3u 100BaseTX Fast Ethernet	Dimension	30 x 142 x 99 mm (W x H x D)
	IEEE 802.3z Gigabit Fiber	Weight	Unit: 1.26 lbs; Shipping: 1.59 lbs
Switch Properties		Mounting	DIN-Rail mounting, Wall mounting
Switch Architecture	Switching Fabric (Back-Plane): 5Gbps	Power Requirement	
Processing Type	Store and Forward	Input Voltage	12~48VDC Redundant Input
Flow Control	IEEE 802.3x flow control, back pressure flow control	Power Connection	1 removable 6-contact terminal block
Protocol	CSMA/CD	Overload Current Protection	Present (Slow-Blown Fuse)
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet	Reverse Polarity Protection	Present
MAC Table Size	8K	System Power Consumption	8W
Jumbo Frame	9.6Kbytes	Relay Contact	24VDC, 1A resistive
Memory Buffer	4Mbits	Environmental Limits	
Port Interface		Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Ethernet Port	5*10/100BaseTx Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Storage Temperature	-40°C ~ 85°C
SFP Port	2*100/1000 SFP Slots	Ambient Relative Humidity	5 to 95%, (non-condensing)
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: Speed/Link/Active SFP: Link/Active	Regulatory Approvals	
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable	EMI	FCC Part 15 Subpart B Class A, CE EN55022/EN61000-6-4 Class A
	EIA/TIA-568 100-ohm (100m)	EMS	CE EN55024/EN61000-6-2: EN61000-4-2,3,4,5,6,8
	100BaseTX: 2-pair UTP/STP Cat. 5 cable	Free Fall	IEC60068-2-32
	EIA/TIA-568 100-ohm (100m)	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-0702C-SFP	7-Port Industrial Unmanaged Ethernet Switch, with 5*10/100Tx and 2*100/1000 SFP Slots
LNx-0702C-SFP-T	7-Port Industrial Unmanaged Ethernet Switch, with 5*10/100Tx and 2*100/1000 SFP Slots; EOT: -40°C to 75°C

Assured Systems

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