

LNX-0702G-SFP Series

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



Features

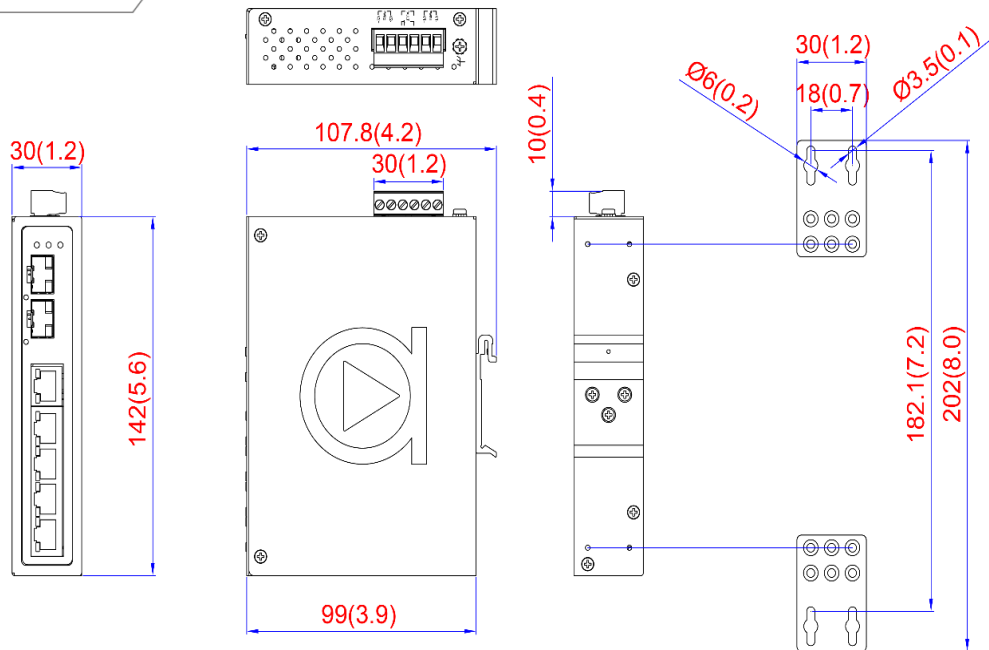
- ▶ Supports 5*10/100/1000Tx Ethernet Ports and 2*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 14Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:
STD: -10°C to 70°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

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

The LNX-0702G-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



Unit: mm (inch)

Din-rail

Wall-mount

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 802.3ab 1000BaseTx Gigabit Ethernet	Weight	Unit: 1.26 lb; Shipping: 1.59 lbs
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
Switch Properties		Power Requirement	
Switch Architecture	Switching Fabric (Back-Plane): 14Gbps	Input Voltage	12~48VDC Redundant Input
Processing Type	Store and Forward	Power Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x flow control, back pressure flow control	Overload Current Protection	Present (Slow-Blown Fuse)
Protocol	CSMA/CD	Reverse Polarity Protection	Present
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	System Power Consumption	8W
MAC Table Size	8K	Relay Contact	24VDC, 1A resistive
Jumbo Frame	9.6Kbytes	Environmental Limits	
Memory Buffer	4Mbits	Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Port Interface		Storage Temperature	-40°C ~ 85°C
Ethernet Port	5*10/100/1000BaseTx Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Ambient Relative Humidity	5 to 95%, (non-condensing)
SFP Port	2*100/1000 SFP Slots	Regulatory Approvals	
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: Speed/Link/Active SFP: Link/Active	EMI	FCC Part 15 Subpart B Class A, CE EN55022/EN61000-6-4 Class A
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable	EMS	CE EN55024/EN61000-6-2: EN61000-4-2,3,4,5,6,8
	EIA/TIA-568 100-ohm (100m)	Free Fall	IEC60068-2-32
	100BaseTX: 2-pair UTP/STP Cat. 5 cable	Shock	IEC60068-2-27
	EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
	1000BaseTX: 4-pair UTP/STP Cat. 5/5E cable;	Green	RoHS Compliant
	EIA/TIA-568 100-ohm (100m)	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-0702G-SFP	7-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx and 2*100/1000 SFP Slots
LNX-0702G-SFP-T	7-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx and 2*100/1000 SFP Slots; EOT: -40°C to 75°C

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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