

LNX-1002G-10G-SFP

10-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx and 2*10G SFP+ Slots



Features

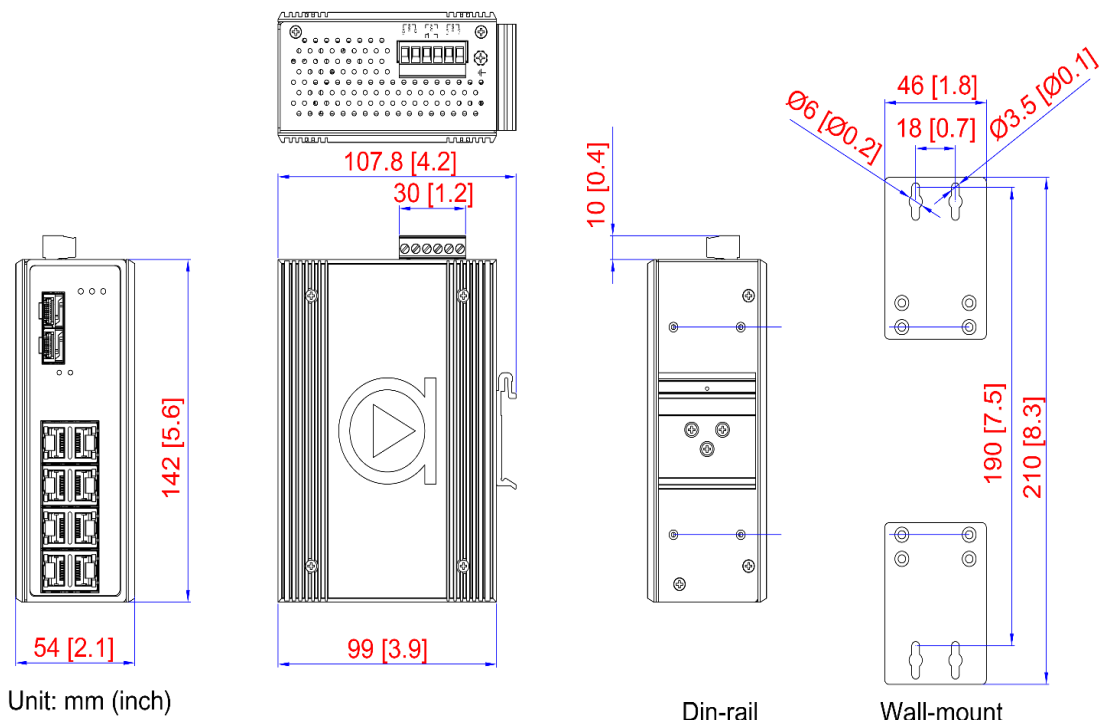
- ▶ Supports 8*10/100/1000Tx and 2*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 56Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support Included
- ▶ Operating Temperature Range: -40°C~65°C
- ▶ 5-Year Warranty

INTRODUCTION

Antara Technologies' LNX-1002G-10G-SFP are industrial gigabit unmanaged Ethernet switches featuring 8*10/100/1000Tx Gigabit Ethernet ports and 2*10G SFP+ slots which provide options for long-distance fiber connections, making it ideal for applications that demand high bandwidth and long-distance communication.

The LNX-1002G-10G-SFP are IP30 rated and DIN-rail mountable. These Ethernet switches are designed to support an operating temperature range from -40° to 65°C and are perfect industrial networking products to support any applications that require high bandwidth or high-density connections, such as power/utility, water wastewater treatment, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10Tx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100Tx Fast Ethernet	Dimension	54 x 142 x 99 mm
	IEEE 802.3ab 1000Tx Gigabit Ethernet	Weight	Unit: 2.33 lbs.; Shipping: 2.95 lbs.
	IEEE 802.3z 1000Base-X Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
	IEEE 802.3ae 10 Gigabit Ethernet	Power Requirement	
Processing Type	Store and Forward	Input Voltage	12~48VDC Redundant Input
Protocol	CSMA/CD	Power Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x back pressure flow control	Relay Contact	24VDC, 1A resistive
Switch Properties		Overload Current Protection	Present
Switch Architecture	Back-Plane (Switching Fabric): 56.0Gbps	Power Reverse Polarity Protection	Present
Transfer Rate	14,880pps for 10Base-T Ethernet	System Power Consumption	10.2W
	148,800pps for 100Base-T Fast Ethernet	Environmental Limits	
	1,488,000pps for 1000Base-T Gigabit Ethernet	Operating Temperature	-40°C to 65°C
	14,880,000pps for 10 Gigabit Ethernet Port	Storage Temperature	-40°C ~ 85°C
Packet Buffer	8Mbits	Ambient Relative Humidity	5 to 95%, (non-condensing)
Jumbo Frame	9.6Kbytes	Regulatory Approvals	
MAC Table Size	16K	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Port Interface		EMS	CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8
Ethernet Port	8*10/100/1000Tx Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Free Fall	IEC60068-2-32
SFP Port	2*10G SFP+ slots System: Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data transmitting PoE: On-connected to PD devices SFP: Link/Active	Shock	IEC60068-2-27
LED Indicators		Vibration	IEC60068-2-6
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Green	RoHS Compliant
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Certifications	FCC, CE, UL 61010-1, 61010-2-201
	1000BaseTX: 4-pair UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m)	Warranty	5 Years

ORDERING INFO

LNx-1002G-10G-SFP 10-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx and 2*10G SFP+ Slots

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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