

LNX-1204G-10G-SFP

12-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx, 2*1G SFP Slots, and 2*10G SFP+ Slots



Features

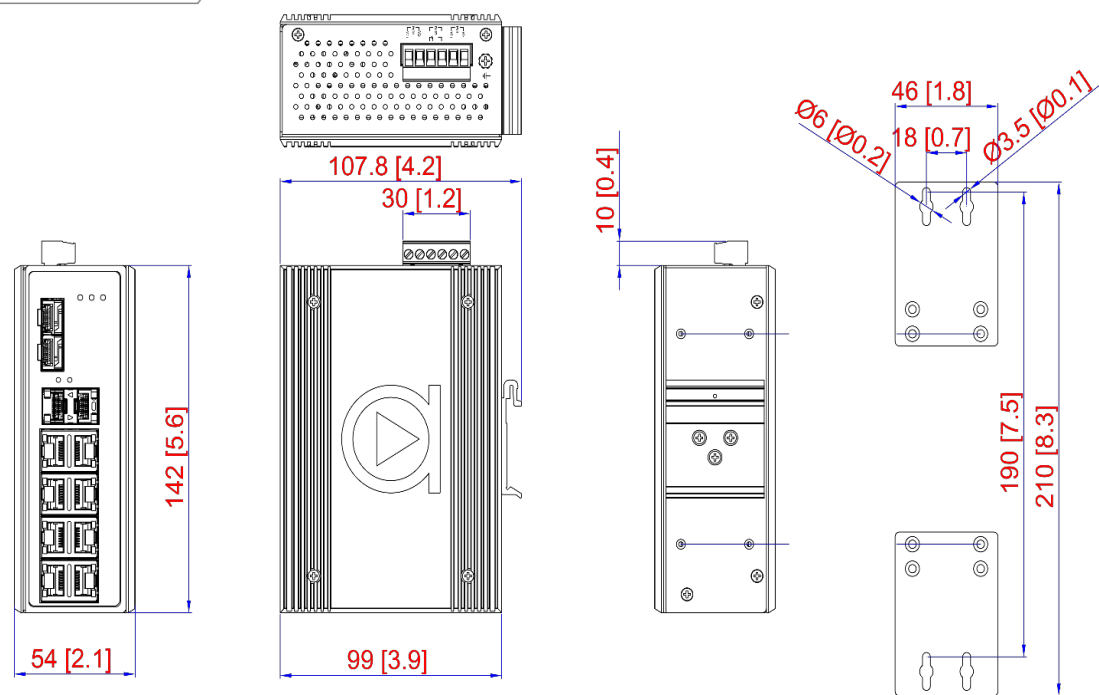
- ▶ Supports 8*10/100/1000Tx, 2*1G SFP Slots, and 2*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 60Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support Included
- ▶ Operating Temperature Range: -40°C~65°C
- ▶ 5-Year Warranty

INTRODUCTIONS

Antaira Technologies' **LNX-1204G-10G-SFP** are industrial gigabit unmanaged Ethernet switches featuring 8*10/100/1000Tx Gigabit Ethernet ports, 2*1G SFP slots, 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-1204G-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



Unit: mm (inch)

Din-rail

Wall-mount

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: 2.35 lbs.; Shipping: 2.97 lbs.
	IEEE 802.3z 1000X 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): 60.0Gbps	Power Reverse Polarity Protection	Present
Transfer Rate	14,880pps for 10Base-T Ethernet	System Power Consumption	11.3W
	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*1G SFP slots 2*10G SFP+ slots	Shock	IEC60068-2-27
LED Indicators	System: Power 1, Power 2, Fault	Vibration	IEC60068-2-6
	Ethernet Ports: On-Link/Flash-data transmitting	Green	RoHS Compliant
Network Cable	SFP: On-Link/Flash-data transmitting	Certifications	FCC, CE, UL 61010-1, 61010-2-201
	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Warranty	5 Years
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)		
	1000BaseTX: 4-pair UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m)		

ORDERING INFO

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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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