

LNx-1204G-SFP Series

12-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx and 4*100/1000 SFP Slots



Features

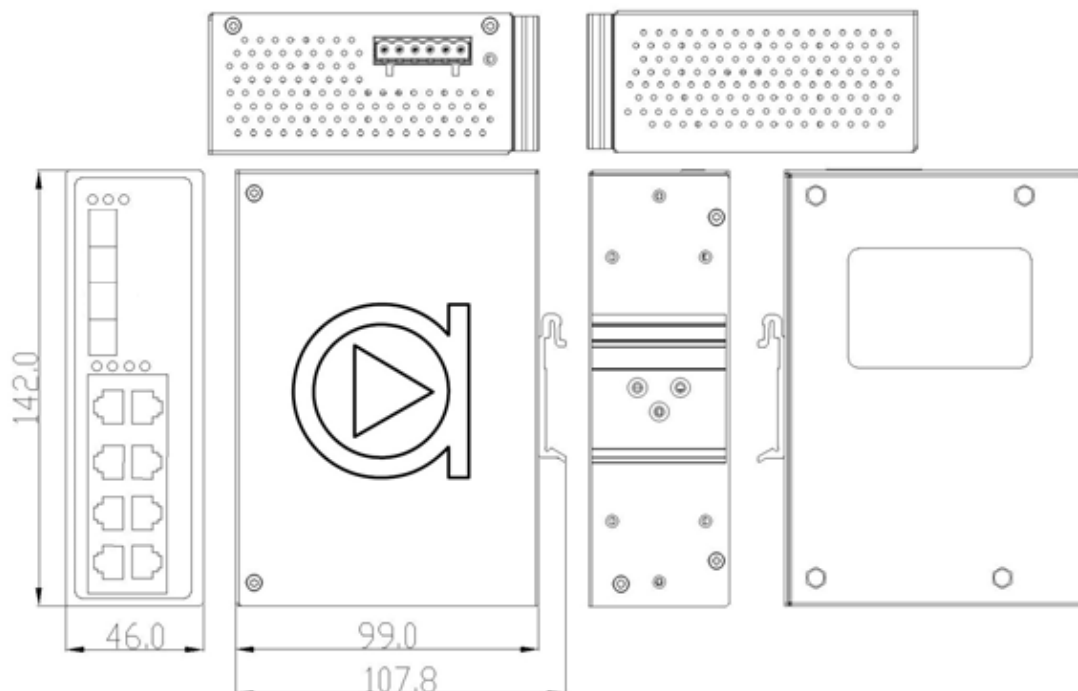
- ▶ Supports 8*10/100/1000Tx and 4*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 24Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC 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-1204G-SFP series industrial gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable. Each unit is designed with eight gigabit Ethernet ports and four dual rate (100/1000) SFP slots for fiber connections, making it ideal for applications that demand high bandwidth and long distance communication. This product series provides high EFT and ESD protection to prevent any unregulated voltage. Plus, it provides two wide operating temperature models to support either a -10 to 70°C or -40 to 75°C environment.

The LNx-1204G-SFP product series is ideal for supporting applications that require high density port connections, such as, power/utility, water wastewater treatment plants, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100BaseTx Fast Ethernet	Dimensions	46 x 99 x 142 mm (W*D*H)
	IEEE 802.3ab 1000BaseTx	Weight	Unit 1.7lbs. Shipping Weight 2.2 lbs.
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail and Wall-mount (optional)
Processing Type	Store and Forward	Environmental Limits	
Protocol	CSMA/CD	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Flow Control	IEEE 802.3x back pressure flow control	Storage Temperature	-40° ~ 85°C
Switch Properties		Ambient Relative Humidity	5 to 95%, (non-condensing)
Switch Architecture	Back-Plane (Switching Fabric): 24Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Regulatory Approvals	
Transfer Rate	EFT: 2,000VDC; ESD: 6,000VDC	EMI	FCC Class A
Protection	7,926pps (default)	EMS	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
Memory Buffer	9.6Kbytes	Free Fall	IEC60068-2-32
Jumbo Frame	8K	Shock	IEC60068-2-27
MAC Table Size		Vibration	IEC60068-2-6
Interface		Green	RoHS Compliant
Ethernet Port	8*RJ45 Ports w/10/100/1000Tx	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Fiber Port	4*100/1000 SFP Slot	Warranty	5 Years
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5		
	100Base Tx: 2-pair UTP/STP Cat. 5		
Power Requirements	1000Base Tx: 2-pair UTP/STP Cat. 5/5E		
Input Voltage	12~48VDC, Redundant Input		
Overload Current Protection	Present		
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	15 Watts		

ORDERING INFO

LNX-1204G-SFP	12-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx, and 4*100/1000 SFP Slot
LNX-1204G-SFP-T	12-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 8*10/100/1000Tx, and 4*100/1000 SFP Slot; EOT: -40 to 75C
Optional Accessories	
DR-15-24	15W Industrial Din Rail Power Supply, 24VDC
DR-45-24	45W Industrial Din Rail Power Supply, 24VDC
MDR-60-48	60W Industrial Din Rail Power Supply, 48VDC
DR-75-48	75W Industrial Din Rail Power Supply, 48VDC