LNX-1204G-SFP Series

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



Features

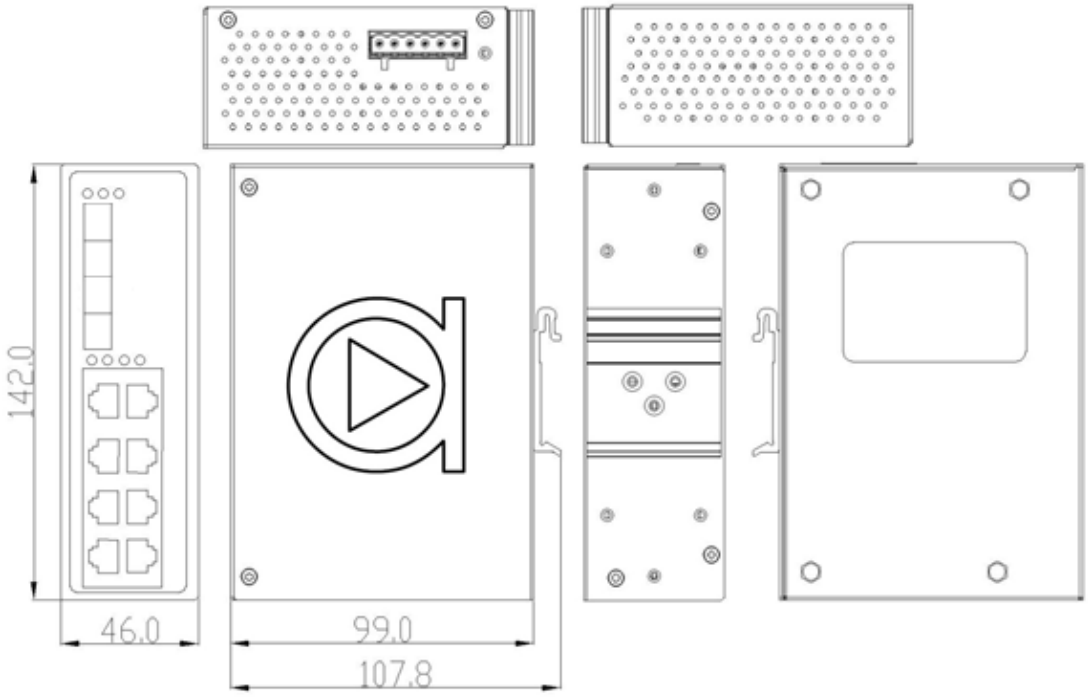
- **Supports 8*10/100/1000Tx and 4*100/1000 SFP Slots**
- **Supports Auto MDI/MDI-X Function**
- **Store-and-Forward Switching Architecture**
- **24Gbps Back-Plane (Switching Fabric)**
- **8K MAC Address Table**
- **9.6Kbytes Jumbo Frame Support**
- **Surge Protection: 2,000 VDC Support**
- **ESD Protection: 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 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	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3z Gigabit Fiber
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Switch Architecture	Back-Plane (Switching Fabric): 24Gbps
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Protection	EFT: 2,000VDC; ESD: 6,000VDC
Memory Buffer	7,926pps (default)
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Interface	
Ethernet Port	8*RJ45 Ports w/10/100/1000Tx
Fiber Port	4*100/1000 SFP Slot
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E
Power Requirements	
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

Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	46 x 99 x 142 mm (W*D*H)
Weight	Unit 1.7lbs. ; Shipping Weight 2.2 lbs.
Mounting	DIN-Rail and wall mounting Provided
Environmental Limits	
Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 508 (Pending)
Warranty	5 Years

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