

LNP-1204G-10G-SFP

12-Port Industrial Gigabit PoE+ Unmanaged Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*1G SFP Slots, and 2*10G SFP+ Slots



Features

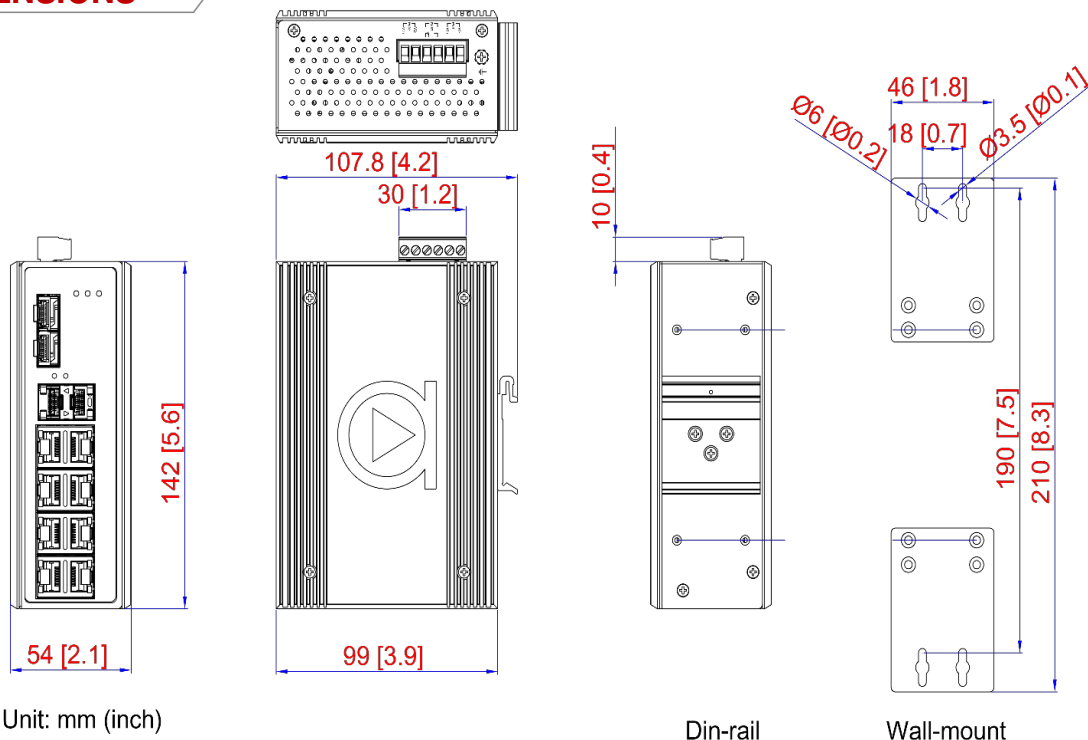
- ▶ Supports 8*10/100/1000Tx IEEE 802.3af/at
- ▶ Compliant with 30W/Port, 2*1G SFP Slots, and 2*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 60Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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

Antaira Technologies' LNP-1204G-10G-SFP are industrial gigabit PoE+ unmanaged Ethernet switches featuring 8*10/100/1000Tx Gigabit Ethernet ports that support IEEE802.3at for a maximum of 30W/port. The LNP-1204G-10G-SFP has 2*1G SFP slots and 2*10G SFP+ slots that provide options for long-distance fiber connections. These Ethernet switches are designed with high EFT and ESD protection and support standard operating temperatures from -40° to 65°C.

The LNP-1204G-10G-SFP are IP30 rated and DIN-rail mountable. They also provide Ethernet connectivity with PoE functions for outdoor or harsh industrial automation application environments, such as security surveillance, ITS-traffic monitoring systems, oil/gas and mining, facility management for power/utility, water wastewater treatment plants, and lastly, automated production lines in factory automation.

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: 2.52 lbs.; Shipping: 3.13 lbs.
	IEEE 802.3z 1000X Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
	IEEE 802.3ae 10 Gigabit Ethernet	Power Requirement	
	IEEE 802.3af/at Power over Ethernet	Input Voltage	48~55VDC Redundant Input
Processing Type	Store and Forward	Power Connection	1 removable 6-contact terminal block
	CSMA/CD	Relay Contact	24 VDC, 1A resistive
Flow Control	IEEE 802.3x back pressure flow control	Overload Current Protection	Present
Switch Properties		Power Reverse Polarity Protection	Present
Switch Architecture	Back-Plane (Switching Fabric): 60.0Gbps	System Power Consumption	10.7W
Transfer Rate	14,880pps for 10Base-T Ethernet	Max PoE Power Budget	240W
	148,800pps for 100Base-T Fast Ethernet	PoE Power Output	30W max. per PoE port
	1,488,000pps for 1000Base-T Gigabit Ethernet	Environmental Limits	
Packet Buffer	8Mbits	Operating Temperature	-40°C to 65°C
	Jumbo Frame	9.6Kbytes	Storage Temperature
MAC Table Size	16K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Port Interface		Regulatory Approvals	
Ethernet Port	8*10/100/1000Tx (PSE: 30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
SFP Port	2*1G SFP Slots 2*10G SFP+ Slots	EMS	CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	Free Fall	IEC60068-2-32
LED Indicators	System: Power 1, Power 2, Fault	Shock	IEC60068-2-27
	Ethernet Ports: On-Link/Flash-data transmitting	Vibration	IEC60068-2-6
	PoE: On-connected to PD devices	Green	RoHS Compliant
Network Cable	SFP: Link/Active	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/E 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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