

LNP-1204G-10G-SFP-24

12-Port Industrial Gigabit PoE+ Unmanaged Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*1G SFP Slots, and 2*10G SFP+ Slots; 12~55VDC Power Input



Features

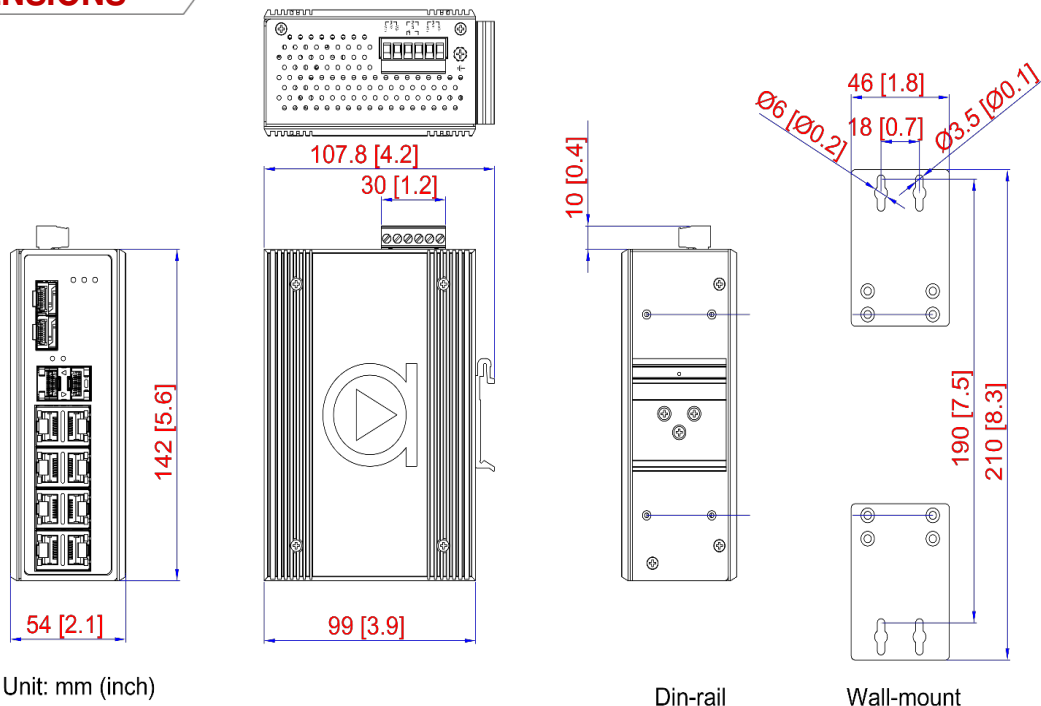
- ▶ Supports 8*10/100/1000Tx IEEE 802.3af/at
- ▶ Compliant with 30W/Port, 2*1G SFP Slots, and 2*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 60Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 12~55VDC
- ▶ 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-24 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-24 has 2*1G SFP slots and 2*10G SFP+ slots which provide options for long-distance fiber connections. The Ethernet switches are designed with high EFT and ESD protection and support standard operating temperature from -40° to 65°C.

The LNP-1204G-10G-SFP-24 are IP30 rated and DIN-rail mountable. These Ethernet switches are designed to be powered with low voltage input (12~55VDC) while still providing the higher voltages required by the PoE standards. Additionally, these industrial PoE Ethernet switches provide connectivity 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: 2.63 lbs.; Shipping: 3.24 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	12~55VDC Redundant Input	
Processing Type	Store and Forward	Power Connection	1 removable 6-contact terminal block
Protocol	CSMA/CD	Relay Contact	24VDC, 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 14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 1,488,000pps for 1000Base-T Gigabit Ethernet	System Power Consumption	11.3W
Transfer Rate	14,880,000pps for 10 Gigabit Ethernet Port	Max PoE Power Budget	90W @12VDC, 180W @24VDC, 240W @36-55VDC
Packet Buffer	8Mbits	PoE Power Output	30W max. per PoE port
Jumbo Frame	9.6Kbytes	Environmental Limits	
MAC Table Size	16K	Operating Temperature	-40°C to 65°C
Port Interface		Storage Temperature	-40°C ~ 85°C
Ethernet Port	8*10/100/1000Tx (PSE: 30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Ambient Relative Humidity	5 to 95%, (non-condensing)
SFP Port	2*1G SFP slots 2*10G SFP+ slots	Regulatory Approvals	
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
LED Indicators	System: Power 1, Power 2, Fault	EMS	CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8
	Ethernet Ports: On-Link/Flash-data transmitting PoE: On-connected to PD devices SFP: Link/Active	Free Fall	IEC60068-2-32
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Shock	IEC60068-2-27
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
	1000Base-TX: UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m)	Green	RoHS Compliant
		Certifications	FCC, CE, UL 61010-1, 61010-2-201
		Warranty	5 Years

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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