

# 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

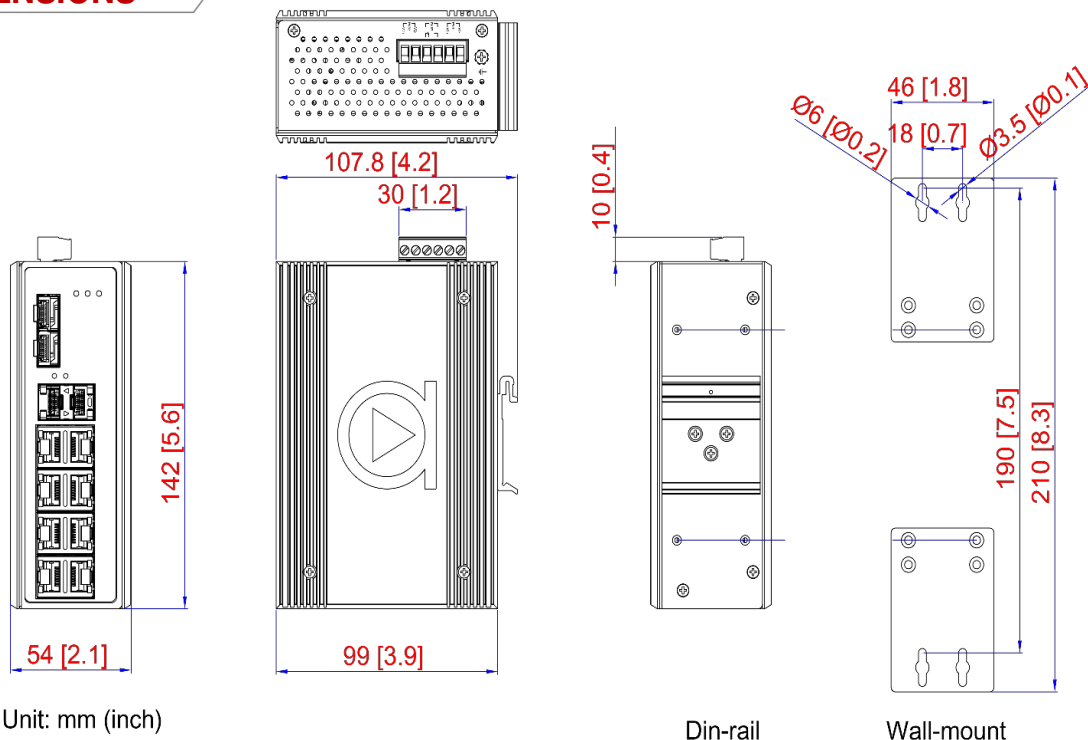
- ▶ Supports 8\*10/100/1000Tx IEEE 802.3af/at
- ▶ Compliant with 30W/Port, 2\*1G SFP Slots, and 2\*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 60Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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	<b>Housing</b>	Metal, IP30 protection
	IEEE 802.3u 100Tx Fast Ethernet	<b>Dimension</b>	54 x 142 x 99 mm
	IEEE 802.3ab 1000Tx Gigabit Ethernet	<b>Weight</b>	Unit: 2.52 lbs.; Shipping: 3.13 lbs.
	IEEE 802.3z 1000X Gigabit Fiber	<b>Mounting</b>	DIN-Rail mounting, Wall mounting
	IEEE 802.3ae 10 Gigabit Ethernet	<b>Power Requirement</b>	
	IEEE 802.3af/at Power over Ethernet	<b>Input Voltage</b>	48~55VDC Redundant Input
Processing Type	Store and Forward	<b>Power Connection</b>	1 removable 6-contact terminal block
	CSMA/CD	<b>Relay Contact</b>	24 VDC, 1A resistive
Flow Control	IEEE 802.3x back pressure flow control	<b>Overload Current Protection</b>	Present
<b>Switch Properties</b>		<b>Power Reverse Polarity Protection</b>	Present
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 60.0Gbps	<b>System Power Consumption</b>	10.7W
Transfer Rate	14,880pps for 10Base-T Ethernet	<b>Max PoE Power Budget</b>	240W
	148,800pps for 100Base-T Fast Ethernet	<b>PoE Power Output</b>	30W max. per PoE port
	1,488,000pps for 1000Base-T Gigabit Ethernet	<b>Environmental Limits</b>	
Packet Buffer	8Mbits	<b>Operating Temperature</b>	-40°C to 65°C
	Jumbo Frame	9.6Kbytes	<b>Storage Temperature</b>
MAC Table Size	16K	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Port Interface</b>		<b>Regulatory Approvals</b>	
<b>Ethernet Port</b>	8*10/100/1000Tx (PSE: 30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
<b>SFP Port</b>	2*1G SFP Slots 2*10G SFP+ Slots	<b>EMS</b>	CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	<b>Free Fall</b>	IEC60068-2-32
LED Indicators	System: Power 1, Power 2, Fault	<b>Shock</b>	IEC60068-2-27
	Ethernet Ports: On-Link/Flash-data transmitting	<b>Vibration</b>	IEC60068-2-6
	PoE: On-connected to PD devices	<b>Green</b>	RoHS Compliant
Network Cable	SFP: Link/Active	<b>Certifications</b>	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)	<b>Warranty</b>	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

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