

LNP-1002G-10G-SFP

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





Features

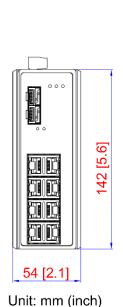
- ➤ Supports 8*10/100/1000Tx IEEE 802.3af/at Compliant with 30W/Port and 2*10G SFP+ Slots
- ► Store-and-Forward Switching Architecture
- ► 56Gbps Back-Plane (Switching Fabric)
- ► 16K MAC Address Table
- ▶ 9.6 Kbytes Jumbo Frame Support
- ► Redundant Power Input Design: 48~55VDC
- ► Built-in 1 Relay 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

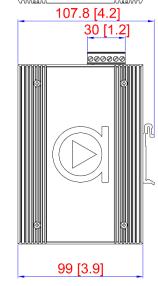
INTRODUCTION

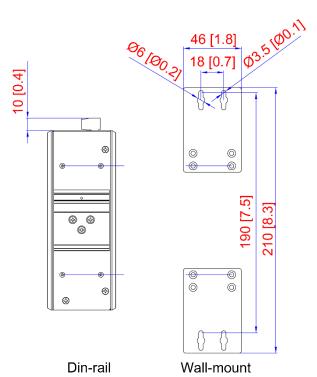
Antaira Technologies' LNP-1002G-10G-SFP are industrial gigabit PoE+ unmanaged Ethernet switches featuring 8*10/100/1000Tx Gigabit Ethernet ports that support IEEE802.3at for a maximum of 30W/port. The LNP-1002G-10G-SFP is designed with 2*10G SFP+ slots that provide options for long-distance fiber connections. These Ethernet switches are designed with high EFT and ESD protection and support standard operating temperatures from -40° to 65°C.

The LNP-1002G-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		
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000Tx Gigabit Ethernet IEEE 802.3ae 10 Gigabit Ethernet IEEE 802.3af/at Power over Ethernet	
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): 56.0Gbps	
Transfer Rate	14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 1,488,000pps for 1000Base-T Gigabit Ethernet 14,880,000pps for 10 Gigabit Ethernet Port	
Packet Buffer	8Mbits	
Jumbo Frame	9.6 Kbytes	
MAC Table Size	16K	
Port Interface		
Ethernet Port	8*10/100/1000Tx (PSE: 30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	
SFP Port	2*10G SFP+ slots	
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data transmitting PoE: On-connected to PD devices SFP: Link/Active	
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: 4-pair UTP/STP Cat.5/5E	

cable EIA/TIA-568 100-ohm (100m)

Mechanical CharacteristicsHousingMetal, IP30 protectionDimension54 x 142 x 99 mmWeightUnit: 2.39 lbs.; Shipping: 3.01 lbs.MountingDIN-Rail mounting, Wall mountingPower RequirementInput Voltage48~55VDC Redundant InputInput Voltage48~55VDC Redundant InputPower Connection1 removable 6-contact terminal blockRelay Contact24VDC, 1A resistiveOverload Current ProtectionPresentPower Reverse Polarity ProtectionPresentSystem Power Consumption9.3WMax PoE Power Budget240WPoE Power Output30W max. per PoE portEnvironmental LimitsOperating Temperature-40°C to 65°CStorage Temperature-40°C to 65°CAmbient Relative Humidity5 to 95%, (non-condensing)Regulatory ApprovalsFCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class AEMSFCC Part 15 Subpart B Class A, CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8Free FallIEC60068-2-32ShockIEC60068-2-27VibrationIEC60068-2-6GreenRoHS CompliantCertificationsFCC, CE, UL 61010-1, 61010-2-201Warranty5 Years			
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Green RoHS Compliant Certifications FCC, CE, UL 61010-1, 61010-2-201	Shock	IEC60068-2-27	
Certifications FCC, CE, UL 61010-1, 61010-2-201	Vibration	IEC60068-2-6	
	O. CC		
Warranty 5 Years			
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ORDERING INFO

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