

LNP-0800G-24 Series

8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000T (30W/Port), 9~55VDC Power Input



FEATURES

- ▶ Supports 8*10/100/1000T IEEE 802.3af/at Compliant with 30W/Port
- ▶ Supports 9.6Kbytes Jumbo Frame
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Power Input: 9~55VDC in 6-Pin Terminal Block
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature - STD: -10°C to 65°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

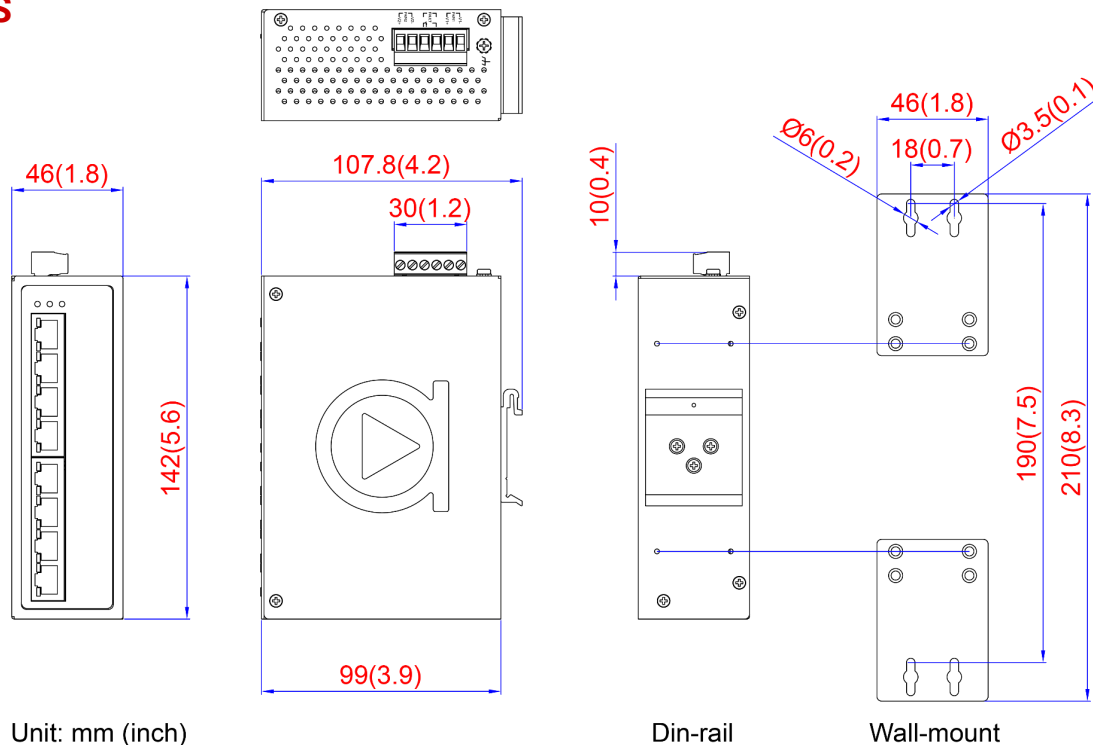


INTRODUCTION

Antaira Technologies' LNP-0800G-24 Series is an 8-port industrial PoE+ gigabit unmanaged Ethernet switch that supports 8*10/100/1000T Ethernet ports. The LNP-0800G-24 series is a backward compliant PoE+ switch that will support IEEE 802.3af/at standards providing a maximum of 30 watts per port with an input voltage of 9~55VDC.

Antaira's LNP-0800G-24 Series has been specifically designed for rugged and harsh environmental deployments. This product series is housed in a hardened IP30-rated metal enclosure that includes DIN-rail and wall mounting hardware. There are two wide-operating temperature models for either a standard temperature range (STD: -10°C to 65°C) or an extended temperature range (EOT: -40°C to 75°C). The LNP-0800G-24 Series also provides high EFT and ESD protection for any industrial networking application within factory automation, ITS (including on-vehicle), solar, security, or any other outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

TECHNOLOGY

Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3af/at/bt Power over Ethernet
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SWITCH PROPERTIES

Switch Architecture	Back-Plane (Switching Fabric): 16Gbps
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Memory Buffer	4Mbits

PORT INTERFACE

Ethernet Port	8*10/100/1000BASE-T (30W/Port) Auto-negotiation speed, Full/Half duplex mode, and Auto MDI/MDI-X connection
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, MDI Alternative A)
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data transmitting PoE: On-connected to PD devices
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) 1000BASE-T: 4-pair UTP/STP Cat. 5/5E cable; EIA/TIA-568 100-ohm (100m)

MECHANICAL CHARACTERISTICS

Housing	Metal, IP30 protection
Dimension	46 x 142 x 99 mm
Weight	Unit: 1.64 lbs. Shipping: 2.05 lbs.
Mounting	DIN-Rail mounting, Wall mounting

POWER REQUIREMENT

Input Voltage	9~55VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
Relay Contact	24VDC, 1A resistive
Overload Current Protection	Present
Reverse Polarity Protection	Present
System Power Consumption	Max. 10W full loading
Max PoE Power Budget	60W@9VDC 90W@12VDC 150W@24VDC 200W@36VDC 240W@48~55VDC

ENVIRONMENTAL LIMITS

Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)

REGULATORY APPROVALS

EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201 UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

ORDERING INFORMATION

LNP-0800G-24	8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000T (30W/Port), 9~55VDC Power Input
LNP-0800G-24-T	8-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000T (30W/Port), 9~55VDC Power Input; EOT: -40°C to 75°C

TO LEARN MORE - CONTACT:



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