

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

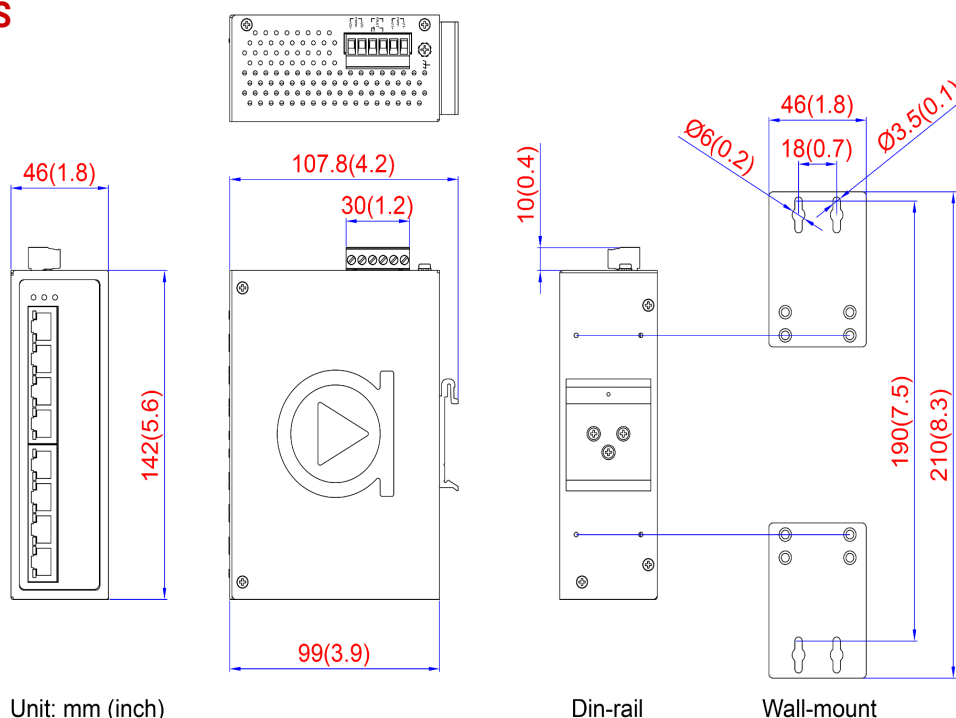


INTRODUCTION

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		POWER REQUIREMENT	
Standards	IEEE 802.3 10BASE-T Ethernet	Input Voltage	9~55VDC Redundant Input
	IEEE 802.3u 100BASE-TX Fast Ethernet	Power Connection	1 removable 6-contact terminal block
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet	Relay Contact	24VDC, 1A resistive
	IEEE 802.3af/at/bt Power over Ethernet	Overload Current Protection	Present
SWITCH PROPERTIES		Reverse Polarity Protection	Present
Switch Architecture	Back-Plane (Switching Fabric): 16Gbps	System Power Consumption	Max. 10W full loading
Transfer Rate	14,880pps for Ethernet	Max PoE Power Budget	60W@9VDC
	148,800pps for Fast Ethernet		90W@12VDC
	1,488,000pps for Gigabit Ethernet		150W@24VDC
Jumbo Frame	9.6Kbytes		200W@36VDC
MAC Table Size	8K		240W@48~55VDC
Memory Buffer	4Mbits	ENVIRONMENTAL LIMITS	
PORT INTERFACE		Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
Ethernet Port	8*10/100/1000BASE-T (30W/Port) Auto-negotiation speed, Full/Half duplex mode, and Auto MDI/MDI-X connection	Storage Temperature	-40°C ~ 85°C
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, MDI Alternative A)	Ambient Relative Humidity	5 to 95%, (non-condensing)
LED Indicators	System: Power 1, Power 2, Fault	REGULATORY APPROVALS	
	Ethernet Ports: On-Link/Flash-data transmitting PoE: On-connected to PD devices	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Network Cable	10BASE-T: 2-pair UTP/STP Cat. 3, 4, 5 cable	EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
	EIA/TIA-568 100-ohm (100m)	Free Fall	IEC60068-2-32
	100BASE-TX: 2-pair UTP/STP Cat. 5 cable	Shock	IEC60068-2-27
	EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
MECHANICAL CHARACTERISTICS		Green	RoHS Compliant
Housing	Metal, IP30 protection	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201 UL Class 1 Division 2, ISA 12.12.01
Dimension	46 x 142 x 99 mm	Warranty	5 Years
Weight	Unit: 1.64 lbs. Shipping: 2.05 lbs.		
Mounting	DIN-Rail mounting, Wall mounting		

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

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660