

# LNP-0800 Series

8-Port Industrial PoE+ Unmanaged Ethernet Switch with 8\*10/100Tx (30W/Port)



## Features

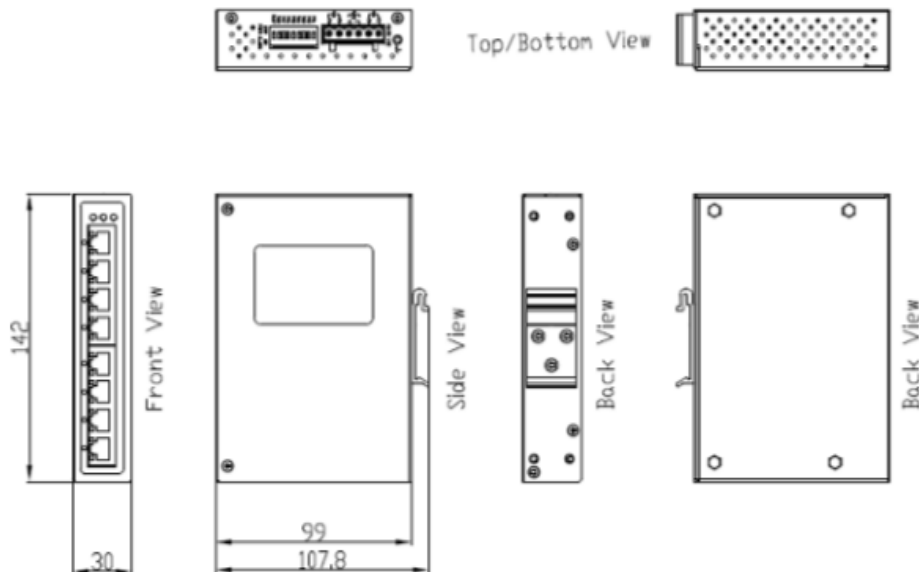
- ▶ 8-Port IEEE 802.3at compliant PoE+ (30W/Port)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K MAC Address Table
- ▶ Network Broadcast Storm Protection
- ▶ EFT Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ Built-in 1 relay output for Port Break Alarm
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range - STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' LNP-0800 series is an industrial PoE+ unmanaged Ethernet switch featuring 8\*10/100Tx PoE+ ports. Each power over Ethernet (PoE+) port supports an IEEE 802.3at high power PoE+ output up to 30W per port, making it ideal for applications that demand a PoE+ power source.

The LNP-0800 series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). The series provides Ethernet connectivity with PoE+ functions ideal for outdoor or harsh industrial application environments, such as, security surveillance, ITS-traffic monitoring systems, facility management for power/utility, water wastewater treatment plants, and automated production lines in factory automation.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>	
<b>Standards</b>	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3x Flow Control and Back-Pressure IEEE 802.3at Power over Ethernet
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
<b>Switch Properties</b>	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 1.0Gbps
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
<b>Jumbo Frame</b>	-
<b>MAC Table</b>	2K
<b>Interface</b>	
<b>Ethernet RJ45 Port</b>	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 8*10/100Tx (PoE+)
<b>Fiber Port</b>	-
<b>PoE Port Pin Assignment</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)
<b>Protection</b>	
<b>Housing</b>	Metal IP30 rated
<b>Dimensions</b>	30 x 142 x 99 mm
<b>Weight</b>	Unit: 1.1 lbs; Shipping: 1.45 lbs
<b>Mounting</b>	DIN-Rail; Wall-mounting (included)

<b>Power Requirement</b>	
<b>Input Voltage &amp; Power Connection</b>	48~55VDC, Redundant Input w/ removable 4-contact terminal block
<b>Reverse Polarity Protection</b>	Present
<b>Overload Current Protection</b>	Slow-Blown Fuse
<b>PoE Power Output</b>	25W @ 48VDC (per PoE port) 30W @ 51~55VDC (per PoE port)
<b>Power Consumption</b>	210 Watts @ 48VDC 250 Watts @ 51~55VDC
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Class A EN6100-4-2,3,4,5,6,8
<b>EMS</b>	EN6100-6-2,4
<b>Free Fall Shock</b>	IEC60068-2-32 IEC60068-2-27
<b>Vibration Green</b>	IEC60068-2-6 RoHS Compliant
<b>Certifications</b>	FCC, CE, UL 508, UL Class 1 Division 2, ISA 12.12.01
<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNP-0800</b>	8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port)
<b>LNP-0800-T</b>	8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port), EOT: -40° to 75°C

<b>Optional Accessories</b>	
<b>DR-75-48</b>	75W Industrial DIN-Rail Power Supply
<b>SDR-120-48</b>	120W Industrial DIN-Rail Power Supply
<b>SDR-240-48</b>	240W Industrial DIN-Rail Power Supply
<b>SDR-480-48</b>	480W Industrial DIN-Rail Power Supply

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