

LNP-0800 Series

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



Features

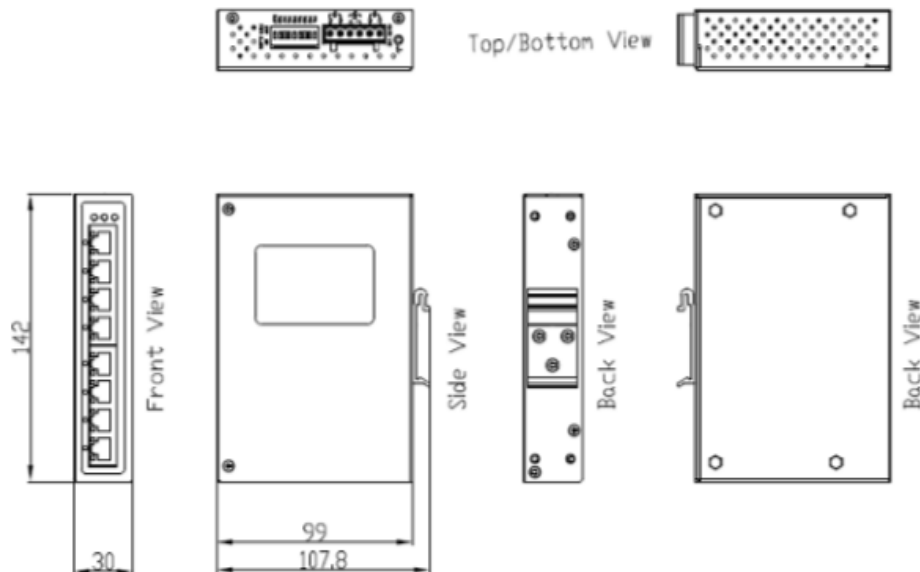
- ▶ 8-Port IEEE 802.3at compliant PoE+ (30W/Port)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K MAC Address Table
- ▶ Network Broadcast Storm Protection
- ▶ EFT Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 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

Technology		Power Requirement	
Standards	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	Input Voltage & Power Connection	48~55VDC, Redundant Input w/ removable 4-contact terminal block
Processing Type	Store and Forward	Reverse Polarity Protection	Present
Protocol	CSMA/CD	Overload Current Protection	Slow-Blown Fuse
Flow Control	IEEE 802.3x back pressure flow control	PoE Power Output	25W @ 48VDC (per PoE port) 30W @ 51~55VDC (per PoE port)
Switch Properties		Power Consumption	210 Watts @ 48VDC 250 Watts @ 51~55VDC
Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps	Environmental Limits	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Jumbo Frame	-	Storage Temperature	-40°C ~ 85°C
MAC Table	2K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Interface		Regulatory Approvals	
Ethernet RJ45 Port	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 8*10/100Tx (PoE+)	EMI	FCC Class A EN6100-4-2,3,4,5,6,8
Fiber Port	-	EMS	EN6100-6-2,4
PoE Port Pin Assignment	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)	Free Fall Shock	IEC60068-2-32
Protection		Vibration	IEC60068-2-27
Housing	Metal IP30 rated	Green	RoHS Compliant
Dimensions	30 x 142 x 99 mm	Certifications	FCC, CE, UL 508, UL Class 1 Division 2, ISA 12.12.01
Weight	Unit: 1.1 lbs; Shipping: 1.45 lbs	Warranty	5 Years
Mounting	DIN-Rail; Wall-mounting (included)		

ORDERING INFO

LNP-0800	8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port)
LNP-0800-T	8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port), EOT: -40° to 75°C
Optional Accessories	
DR-75-48	75W Industrial DIN-Rail Power Supply
SDR-120-48	120W Industrial DIN-Rail Power Supply
SDR-240-48	240W Industrial DIN-Rail Power Supply
SDR-480-48	480W Industrial DIN-Rail Power Supply

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