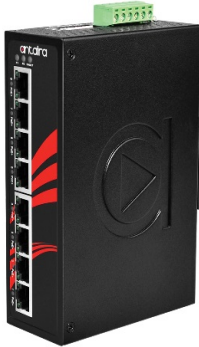


LNP-0800-60-24 Series

8-Port Industrial PoE+/4PPoE Unmanaged Ethernet Switch, with 4*10/100Tx (30W/Port) and 4*10/100Tx (60W/Port), 12~36VDC Power Input



Features

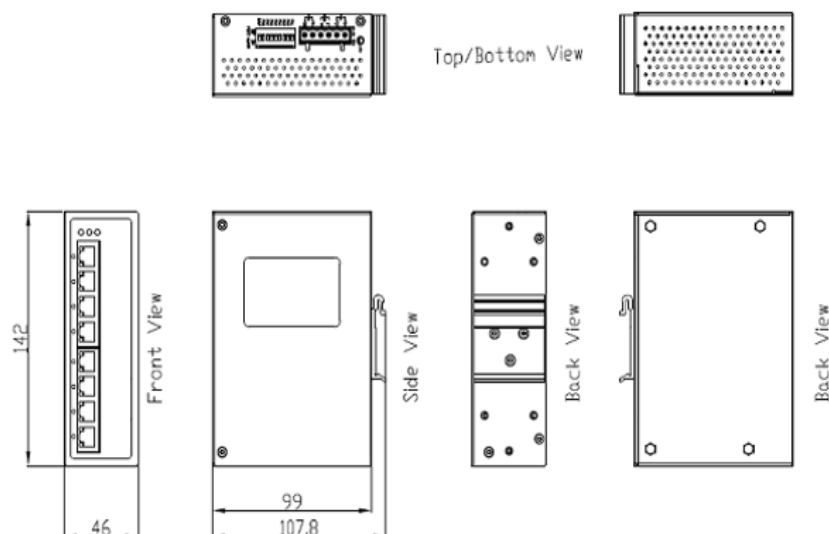
- ▶ 4-Port IEEE 802.3bt Compliant 4PPoE (60W/Port)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K MAC Address Table
- ▶ Network Broadcast Storm Protection
- ▶ EFT Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~36VDC
- ▶ 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-0800-60-24 series is an industrial 4PPoE unmanaged Ethernet switch featuring 4*10/100Tx 4PPoE Type 3 ports and 4*10/100Tx PoE+. Ports 1-4 support an IEEE 802.3bt Type 3 high power 4PPoE output up to 60W per port, ports 5-8 support an IEEE 802.3at PoE+ output up to 30W per port.

The LNP-0800-60-24 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 4PPoE / 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	
Standards	IEEE 802.3 10BaseT Ethernet
	IEEE 802.3u 100BaseTX Fast Ethernet
	IEEE 802.3x Flow Control and Back-Pressure
	IEEE 802.3bt 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): 1.0Gbps
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
MAC Table	2K
Port Interface	
Ethernet RJ45 Port	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 8*10/100Tx
PoE Port Pin Assignment	V+ for pin 3, 4, 5, 6 V- for pin 1, 2, 7, 8
Mechanical Characteristics	
Housing	Metal IP30 rated
Dimensions	46 x 142 x 99 mm
Weight	Unit: 1.68 lbs; Shipping: 2.0 lbs
Mounting	DIN-Rail; Wall-mount (optional)

Power Requirement	
Input Voltage & Power Connection	12~36VDC, Redundant Input w/ removable 6-contact terminal block
Reverse Polarity Protection	Present
Overload Current Protection	Slow-Blown Fuse
PoE Power Output	Up to 60W @ 53VDC (port 1-4) Up to 30W @ 53VDC (port 5-8)
Power Consumption	210 Watts @ 12VDC 250 Watts @ 24~36VDC
Environmental Limits	
Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	EN6100-4-2,3,4,5,6,8 EN6100-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE
Warranty	5 Years

ORDERING INFO

LNP-0800-60-24	8-Port Industrial PoE+/4PPoE Unmanaged Ethernet Switch, with 4*10/100Tx (30W/Port) and 4*10/100Tx (60W/Port), 12~36VDC Power Input
LNP-0800-60-24-T	8-Port Industrial PoE+/4PPoE Unmanaged Ethernet Switch, with 4*10/100Tx (30W/Port) and 4*10/100Tx (60W/Port), 12~36VDC Power Input, EOT: -40° 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.

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