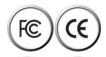


LNP-0800-60-24 Series

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

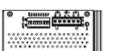
- ► 4-Port IEEE 802.3bt Compliant 4PPoE (60W/Port)
- ► Supports Auto MDI/MDI-X Function
- ► Store-and-Forward Switching Architecture
- **▶ 2K MAC Address Table**
- ► Network Broadcast Storm Protection
- ► EFT Protection: 2,000 VDC Support
- ► ESD Protection: 6,000 VDC Support
- ► Redundant Power Input 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.

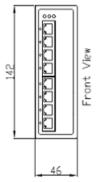
The LNP-0800-60-24 series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). The series provides Ethernet connectivity with 4PPoE / PoE+ functions 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.

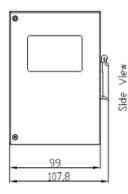
DIMENSIONS



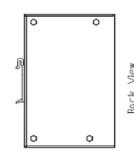
Top/Bottom View













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



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), $12\sim36$ VDC Power Input, EOT: -40° to 75° C

