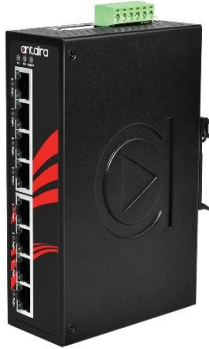


LNP-0800-24 Series

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



Features

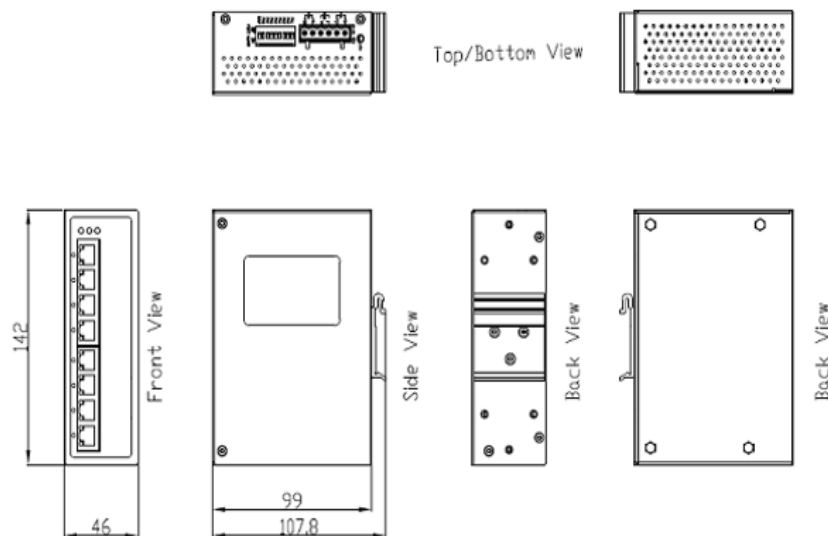
- ▶ 8-Port IEEE 802.3at compliant PoE+ (30W/Port)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K MAC Address Table
- ▶ Network Broadcast Storm Protection
- ▶ EFT Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 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-0800-24 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-0800-24 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 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 802.3at 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 |
| Jumbo Frame | - |
| 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+) |
| Fiber Port | - |
| PoE Port Pin Assignment | V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A) |
| 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 4-contact terminal block |
| Reverse Polarity Protection | Present |
| Overload Current Protection | Slow-Blown Fuse |
| PoE Power Output | 30W @ 53VDC (per PoE port) 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, UL 508, UL Class 1 Division 2, ISA 12.12.01 |
| Warranty | 5 Years |

ORDERING INFO

| | |
|----------------------|---|
| LNP-0800-24 | 8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port), 12~36VDC Input |
| LNP-0800-24-T | 8-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch with 8*10/100Tx (30W/Port), 12~36VDC Input EOT: -40° to 75°C |

Optional Accessories

| | |
|-------------------|---------------------------------------|
| DR-45-24 | 45W Industrial DIN-Rail Power Supply |
| DR-75-24 | 75W Industrial DIN-Rail Power Supply |
| SDR-120-24 | 120W Industrial DIN-Rail Power Supply |
| SDR-240-24 | 240W Industrial DIN-Rail Power Supply |

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