

LNP-1002C-SFP-24 Series

10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 8*10/100Tx (30W/Port), 2*Gigabit Combo Ports (2*10/100/1000Tx + 2*100/1000 SFP Slots); 12-36VDC Input (Voltage Booster)





Features

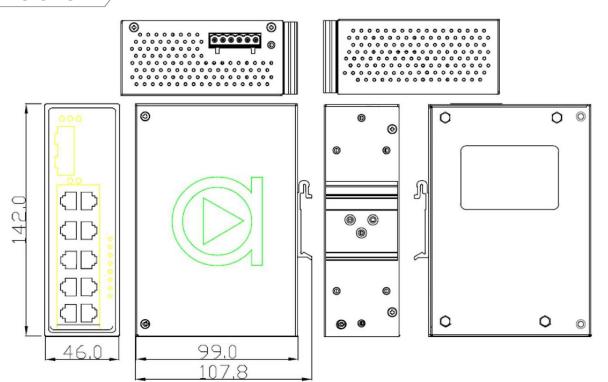
- ➤ Supports 8-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W/Port, 2*Gigabit Combo Ports (2*10/100/1000Tx + 2*100/1000 SFP Slots)
- ► Supports Auto MDI/MDI-X Function
- ► Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ► Surge Protection: 2,000 VDC Support
- ► ESD Protection: 6,000 VDC Support
- Redundant Power Input Design: 12~36VDC (Voltage Booster)
- Built-in 1 Relay Output for Power Failure Warning
- ► IP30 Rugged Metal 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-1002C-SFP-24 industrial PoE+ gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 8*10/100Tx supporting IEEE802.3at (high power PoE support up to 30W/port), and 2*GigE combo ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP slots for fiber).

The LNP-1002C-SFP-24 series provides a high EFT and ESD protection along with a dual power input having a reverse power polarity protection. It also has a low voltage input (12~36VDC) and a booster. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports from -40 to 75°C. Also, this product series has been designed to fulfill special needs for industrial automation and harsh outdoor environment applications.

DIMENSIONS



Toll-Free:1 (844) 268-2472

T: 1 (714) 671-9000

F: 1 (714) 671-9944



SPECIFICATIONS

| Technology | |
|----------------------------------|---|
| Standards | IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseT Ethernet IEEE 802.3az Gigabit Fiber IEEE 802.3at PoE+ |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x back pressure flow control |
| Switch Properties | |
| Switch Architecture | Non-Blocking Switching Fabric |
| Transfer Rate | 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port |
| Memory Buffer | 4Mbps (default) |
| Jumbo Frame | - |
| MAC Table Size | 8K |
| Interface | |
| Ethernet Port | 8*RJ45 Ports w/10/100Tx (PSE 30W/Port) |
| Gigabit Combo Port Copper/SFP | 2* RJ45 ports w/ 100/1000 Ethernet and 2*100/1000 SFP Slot For Fiber |
| PoE Pin Out | V+, V+, V-, V- for pins 1,2,3,6 Endspan, MDI Alternative A |
| Network Cable | 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E |
| Power Requirements | |
| Input Voltage | 12~36VDC, Redundant Input |
| Overload Current Protection | Present |
| Connection | 1 removable 6-contact terminal block |
| Reverse Polarity Protection | Yes |
| Power Consumption | 145 Watts @ 12V 200 Watts @ 24V (Full Load w/ PoE) |
| | |

| Mechanical Characte | eristics | |
|------------------------------|--|--|
| Housing | Metal, IP30 protection | |
| Dimensions | 46 x 99 x 142 mm (W*D*H) | |
| Weight | Unit 1.5lbs. Shipping Weight 2.0 lbs. | |
| Mounting | DIN-Rail, wall mounting (optional) | |
| Environmental Limits | | |
| Operating | STD: -10° to 70°C | |
| Temperature | 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 | EN61000-4-2,3,4,5,6,8, EN61000-6-2,4 | |
| Free Fall | IEC60068-2-32 | |
| Shock | IEC60068-2-27 | |
| Vibration | IEC60068-2-6 | |
| Green | RoHS Compliant | |
| Certifications | FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01 | |
| Warranty | 5 Years | |

ORDERING INFO

| LNP-1002C-SFP-24 | 10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 8*10/100Tx (30W/Port), and 2*Gigabit Combo Ports (2*100/1000Tx RJ45 and 2*100/1000 SFP Slots); 12~36VDC | |
|----------------------|--|--|
| LNP-1002C-SFP-T | 10-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 8*10/100Tx (30W/Port), and 2*Gigabit Combo Ports (2*100/1000Tx RJ45 and 2*100/1000 SFP Slots); 12~36VDC; EOT: -40 to 75C | |
| Optional Accessories | S | |
| MDR-100-24 | 100W Industrial Single Output Miniature DIN Rail Power Supply, 24VDC | |
| DR-120-24 | 120W Industrial Din Rail Power Supply, 24VDC | |
| SDR-120-24 | 120W Industrial Single Output Miniature DIN Rail Power Supply, 24VDC | |
| SDR-240-24 | 240W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 24VDC | |