

LNP-0702C-SFP-24 Series

7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 4*10/100Tx (30W per Port), 1*10/100Tx and 2*100/1000 SFP Slots; 12~36VDC Power Input



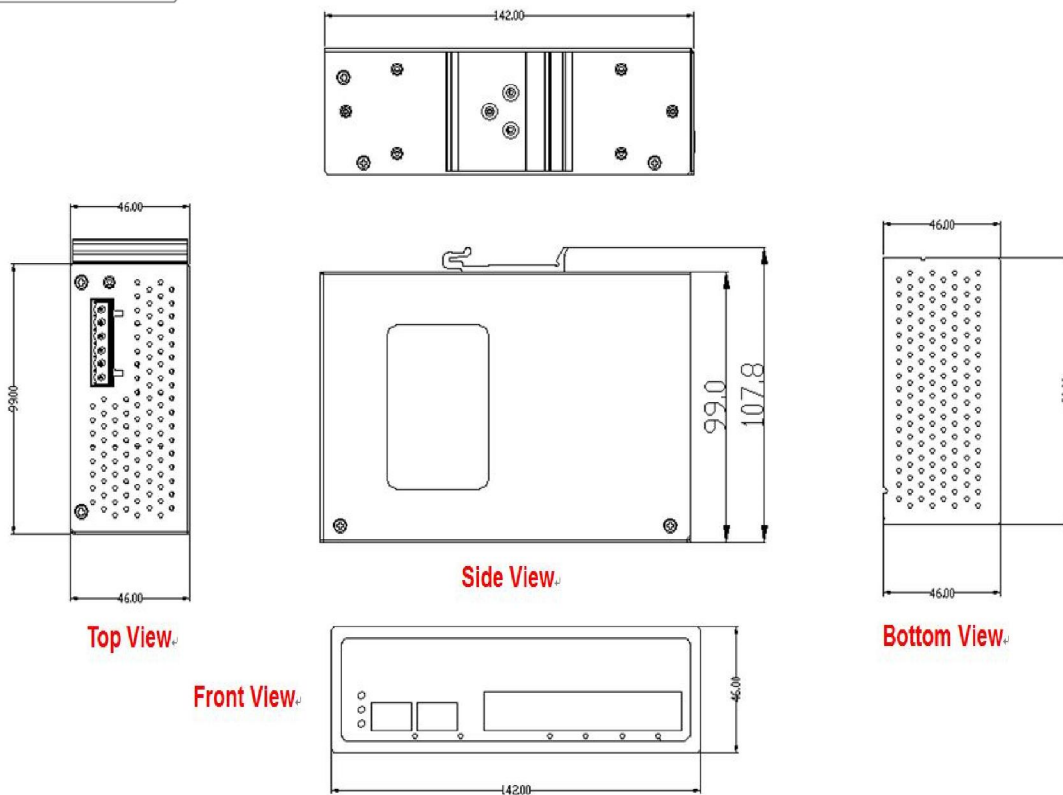
Features

- ▶ Supports 4-Port 10/100Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 1-Port 10/100Tx and 2-Port 100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~36VDC (with 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-0702C-SFP-24 series industrial gigabit unmanaged Ethernet switch features five 10/100Tx ports, four of which support IEEE 802.3at high power PoE (30W/Port), and two dual rate 100/1000Fx SFP slots. This product series provides high EFT and ESD protection to protect against unregulated voltage. It also provides two operational temperature models for either standard temperature: -10° to 70°C or extended temperature: -40° to 75°C. The LNP-0702C-SFP series also supports a low voltage power input range of 12~36VDC. It is an ideal solution for harsh environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3z 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	Back-Plane (Switching Fabric): 10Gbps
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Interface	
Ethernet Port	5*RJ45 Ports w/ 4*10/100Tx (PSE 30W/Port), and 1*10/100Tx
Fiber Port	2*100/1000 SFP Slots
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
Power Requirements	
Input Voltage	12~36VDC, Redundant Input (with voltage booster)
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	145 Watts Max (Full Load w/ PoE)
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	46 x 99 x 142mm (W*D*H)
Weight	Unit 1.4lbs. Shipping Weight 1.8 lbs.
Mounting	DIN-Rail, wall mounting (optional)
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	EN61000-4-2,3,4,5,6,8, EN6100-06-2,4
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-0702C-SFP-24	7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 4*10/100Tx (30W/Port), 1*10/100Tx + 2*100/1000 SFP Slot; 12~36VDC input
LNP-0702C-SFP-24-T	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 4*10/100Tx (30W/Port), 1*10/100Tx + 2*100/1000 SFP Slot; 12~36VDC input, EOT: -40° to 75°C
Optional Accessories	
DR-60-24	60W Industrial Din Rail Power Supply, 24VDC
DR-75-24	75W Industrial Din Rail Power Supply, 24VDC
DR-100-24	100W Industrial Din Rail Power Supply, 24VDC
DR-120-24	120W Industrial Din Rail Power Supply, 24VDC
SDR-240-24	240W Industrial Din Rail Power Supply, 24VDC