LNP-0702G-SFP-24 Series

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



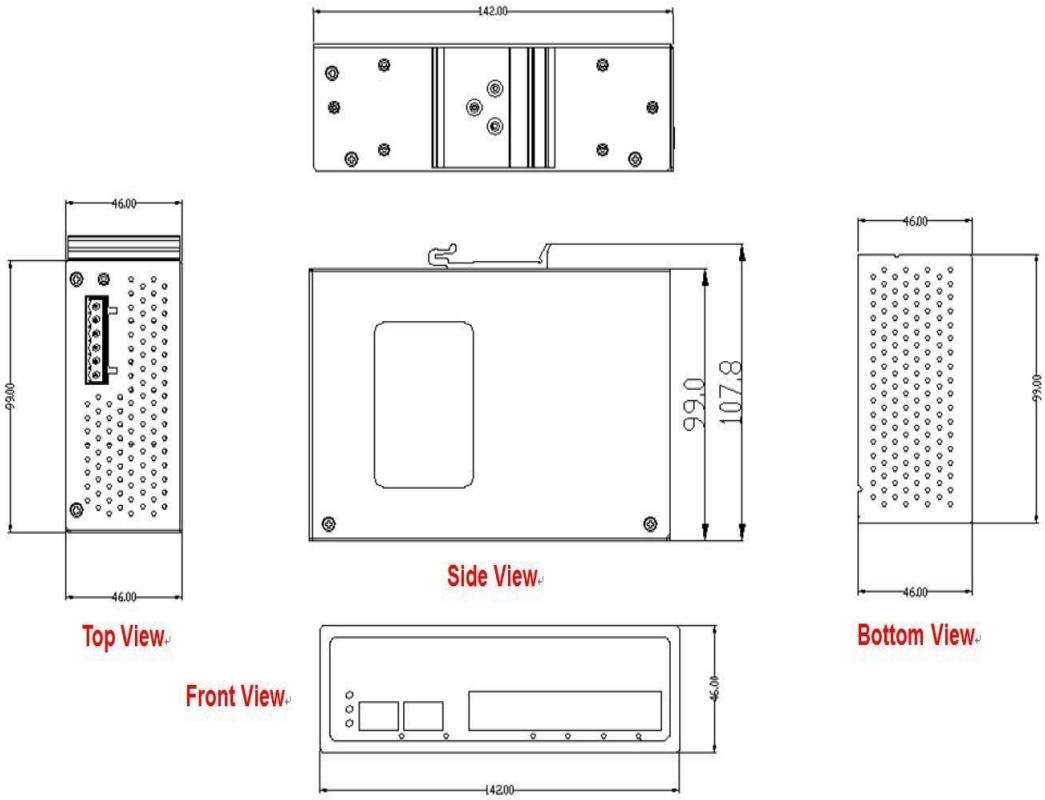
Features

- Supports 4-Port 10/100/1000Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 1-Port 10/100/1000Tx 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
- 9.6Kbytes Jumbo Frame Support
- 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

INTRODUCTION

Antaira Technologies' LNP-0702G-SFP-24 series industrial gigabit unmanaged Ethernet switch features five 10/100/1000Tx 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 wide operation temperature models for standard: – 10 to 70C and extended: - 40 to 75C. The LNP-0702C-SFP series also supports low voltage power input range in 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 802.3ab 1000BaseTx 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	10Gbps Back-Plane (Switching Fabric)
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Interface	
Ethernet Port	5*RJ45 Ports w/ 4*10/100/1000Tx (PSE 30W/Port), and 1*10/100/1000Tx
Fiber Port	2*100/1000 SFP Slot
PoE Pin out	V+, V+, V-, V- for pin s 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 Max (Full Load w/ PoE)

Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	46 x 99 x 142 mm (W*D*H)
Weight	Unit 1.4 lb.; Shipping Weight 1.8lbs.
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	EN61000-4-2,3,4,5,6,8,11,12 EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 508 (Pending)
Warranty	5 Years

ORDERING INFO

LNP-0702G-SFP-24	7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx + 2*100/1000 SFP Slot; 12~36VDC input
LNP-0702G-SFP-24-T	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx + 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