LNP-0702C-SFP Series

7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 4*100/100Tx (30W per Port), 1*10/100Tx + 2*100/1000 SFP Slots
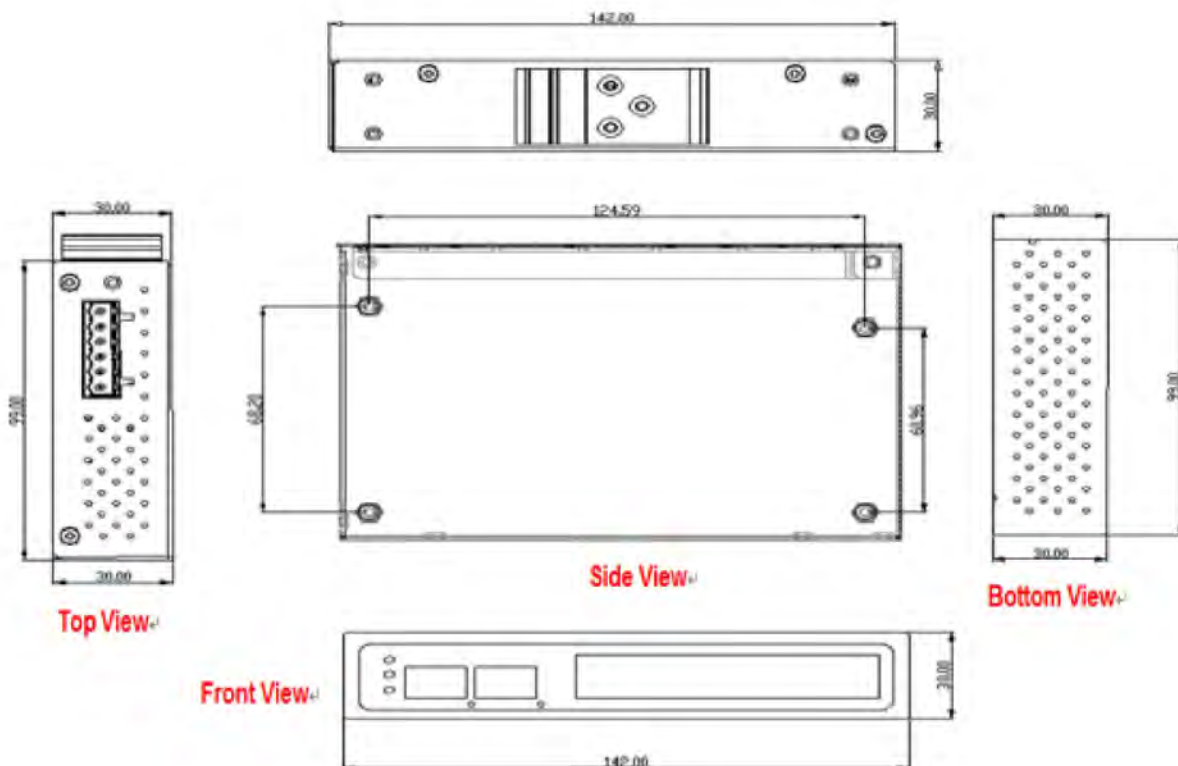
Features

- ► 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: 48~55VDC
- ► 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 series industrial PoE+ 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 wide operation temperature models for standard: –10° to 70°C and extended: -40° to 75°C. The LNP-0702C-SFP series is an ideal solution for harsh environments and industrial applications.

DIMENSIONS

Top View

Side View

Bottom View

Front View

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	-
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 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

Power Requirements

Input Voltage	48~55VDC, Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	110 Watts @ 48V 130 Watts @ 51-55V (Full Load)

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	30 x 99 x 142 mm (W*D*H)
Weight	Unit 1.3 lbs. Shipping Weight 1.7 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, 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-0702C-SFP	7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 4*10/100Tx (30W/Port), 1*10/100Tx + 2*100/1000 SFP Slot
LNP-0702C-SFP-T	7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/ 4*10/100Tx (30W/Port), 1*10/100Tx + 2*100/1000 SFP Slot: EOT: -40° to 75°C

Optional Accessories

DR-75-48	75W Industrial Din Rail Power Supply, 48VDC
DR-120-48	120W Industrial Din Rail Power Supply, 48VDC
MDR-100-48	100W Industrial Single Output Miniature DIN Rail Power Supply, 48VDC
SDR-240-48	240W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 48VDC