

# LNP-0702C-SFP Series

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



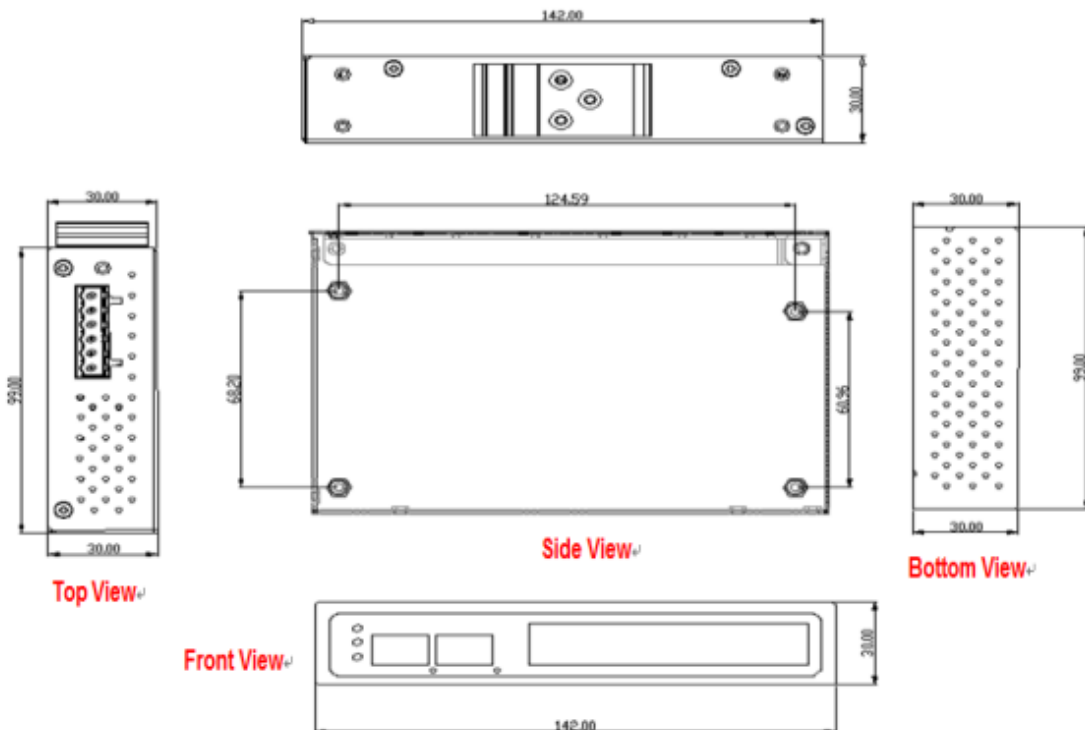
## Features

- ▶ 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 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 70C and extended: - 40 to 75C. The LNP-0702C-SFP series is an ideal solution for harsh environments and industrial applications.

## DIMENSIONS



## SPECIFICATIONS

Technology	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az Gigabit Fiber IEEE 802.3at PoE+
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
Switch Properties	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 10Gbps
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
<b>Broadcast Storm Rate Limit</b>	CSMA/CD
<b>Memory Buffer</b>	7,926pps (default)
<b>Jumbo Frame</b>	-
<b>MAC Table Size</b>	8K
Interface	
<b>Ethernet Port</b>	5*RJ45 Ports w/ 4*10/100Tx (PSE 30W/Port), and 1*10/100Tx
<b>Fiber Port</b>	2*100/1000 SFP Slot
<b>PoE Pin Out</b>	V+, V+, V-, V- for pins 1,2,3,6 Endspan, MDI Alternative A
<b>Network Cable</b>	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5
Power Requirements	
<b>Input Voltage</b>	48~55VDC, Redundant Input
<b>Overload Current Protection</b>	Present
<b>Connection</b>	1 removable 6-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>Power Consumption</b>	110 Watts @ 48V 130 Watts @ 51-55V (Full Load)

Mechanical Characteristics	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	30 x 99 x 142 mm (W*D*H)
<b>Weight</b>	Unit 1.3 lbs. ; Shipping Weight 1.7 lbs.
<b>Mounting</b>	DIN-Rail, wall mounting (optional)
Environmental Limits	
<b>Operating Temperature</b>	STD: 0° to 70° C EOT: -40° to 75° C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
Regulatory Approvals	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN6100-4-2,3,4,5,6,8, EN6100-6-2,4
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE, UL 508 (Pending)
<b>Warranty</b>	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