

# 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 Power Input



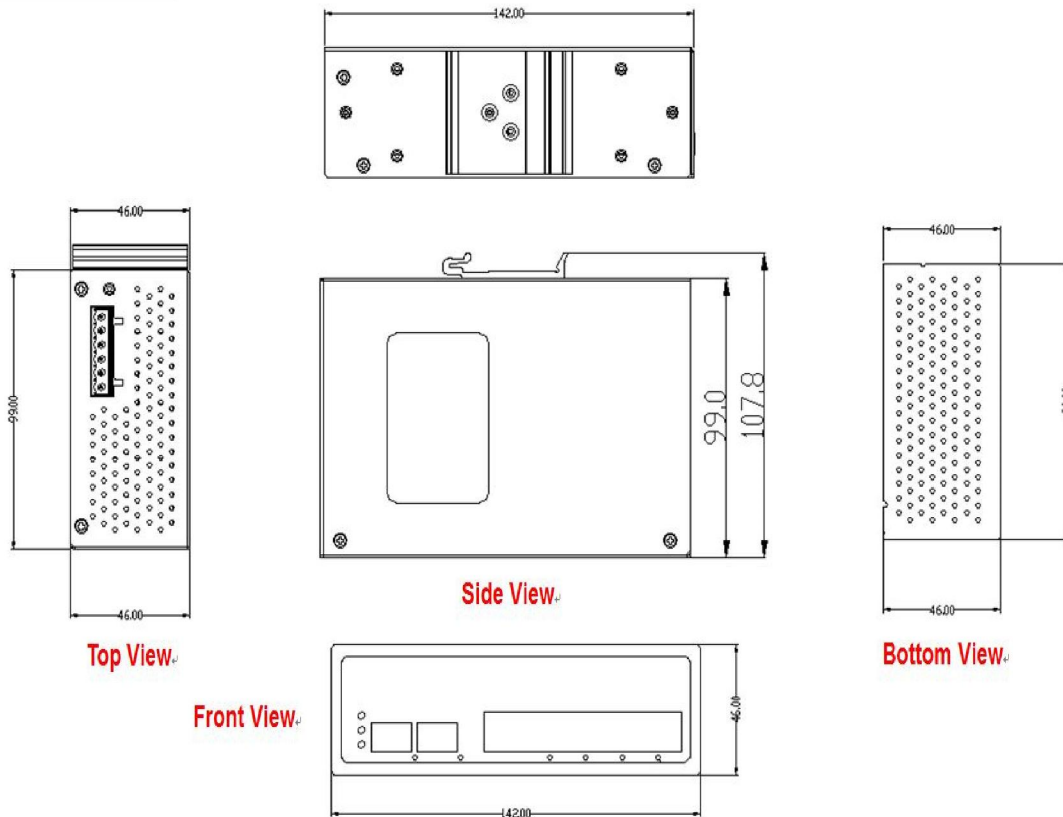
## Features

- ▶ 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 70°C and extended: -40° to 75°C. 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

<b>Technology</b>	
<b>Standards</b>	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+
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
<b>Switch Properties</b>	
<b>Switch Architecture</b>	10Gbps Back-Plane (Switching Fabric) 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Transfer Rate</b>	148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Jumbo Frame</b>	9.6Kbytes
<b>MAC Table Size</b>	8K
<b>Interface</b>	
<b>Ethernet Port</b>	5*RJ45 Ports w/ 4*10/100/1000Tx (PSE 30W/Port), and 1*10/100/1000Tx
<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 1000Base Tx: 2-pair UTP/STP Cat. 5/5E
<b>Power Requirements</b>	
<b>Input Voltage</b>	12~36VDC, 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>	145 Watts Max (Full Load w/ PoE)
<b>Mechanical Characteristics</b>	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	46 x 99 x 142mm (W*D*H)
<b>Weight</b>	Unit 1.4 lb. Shipping Weight 1.8lbs.
<b>Mounting</b>	DIN-Rail, Wall mounting (optional)
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	STD: -10° 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)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN61000-4-2,3,4,5,6,8,11,12 EN61000-6-2,4
<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 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
<b>Warranty</b>	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

<b>DR-60-24</b>	60W Industrial Din Rail Power Supply, 24VDC
<b>DR-75-24</b>	75W Industrial Din Rail Power Supply, 24VDC
<b>DR-100-24</b>	100W Industrial Din Rail Power Supply, 24VDC
<b>DR-120-24</b>	120W Industrial Din Rail Power Supply, 24VDC
<b>SDR-240-24</b>	240W Industrial Din Rail Power Supply, 24VDC