

# LNP-0702G-SFP

7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch

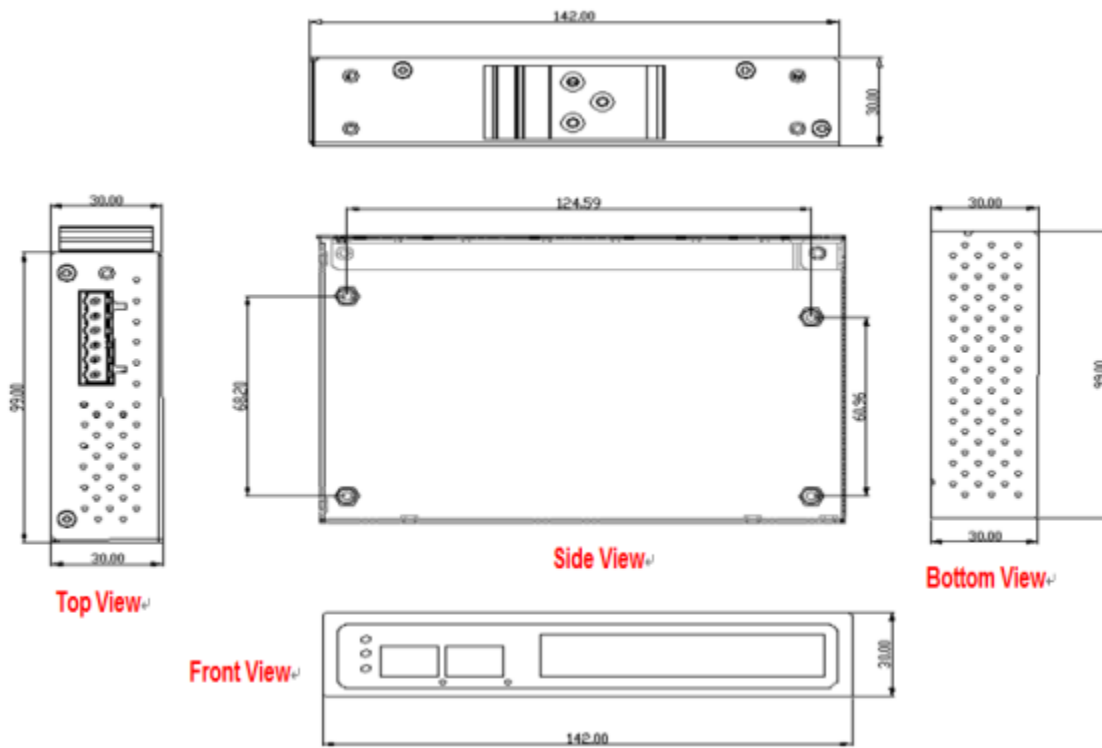
- 4\*10/100/1000Tx (30W/Port), 1\*10/100/1000Tx + 2\*100/1000 SFP Slot



## Features

- ▶ Supports 4-Port 10/100/1000Tx IEEE 802.3at PoE+ Compliant with 30W per Port, 1-Port 10/100/1000Tx + 2-Port 100/1000 SFP
- ▶ 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: 48~55VDC
- ▶ Built-in 1 Relay Output for Power Failure Detection
- ▶ 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

## ▶ Dimensions (unit = mm)



## ► Specifications

### Technology

<b>Standards</b>	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3az Gigabit Fiber IEEE 802.3at PoE+
<b>Processing Type Protocol</b>	Store and Forward CSMA/CD
<b>Flow Control</b>	IEEE 802.3x flow control, back pressure flow control

### Switch Properties

<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 10Gbps Packet Throughput Ability (Full-Duplex): 14.88Mpps @ 64bytes 14,880pps for Ethernet Port
<b>Transfer Rate</b>	148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Memory Buffer</b>	136 Kbits
<b>Jumbo Frame</b>	9.6Kbytes
<b>MAC Table Size</b>	8K

### Interface

<b>Ethernet Port</b>	5*RJ45 Ports with 4*10/100/1000Tx (PSE 30W/Port), 1*10/100/1000Tx, auto MDI/MDI-X connection
<b>Fiber Port</b>	2*100/1000 SFP Slot
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A) 10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
<b>Network Cable</b>	

### 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 with PoE Function)

### Mechanical Characteristics

<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	30mm (W) x 99mm (D) x 142mm (H)
<b>Weight</b>	Unit Weight: 1-lbs. Shipping Weight: 1.5 lbs
<b>Mounting</b>	DIN-Rail mounting, wall mounting (optional)

### Environmental Limits

<b>Operating Temperature</b>	STD: -10° to 70° C (14° to 158° F); EOT: -40° to 75° C (-40° to 167° F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)

### Regulatory Approvals

<b>EMI</b>	FCC Class A
<b>EMS</b>	EN6100-4-2 (ESD), EN6100-4-3 (RS), EN6100-4-4 (EFT), EN6100-4-5 (Surge), EN6100-4-6 (CS), EN6100-4-8, EN6100-4-11, EN6100-4-12, EN6100-6-2, EN6100-6-4
<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 Information

**LNP-0702G-SFP** 7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/4\*10/100/1000Tx (30W/Port), 1\*10/100/1000Tx + 2\*100/1000 SFP Slot

**LNP-0702G-SFP-T** 7-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, w/4\*10/100/1000Tx (30W/Port), 1\*10/100/1000Tx + 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-120-48** 120W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 48VDC

**SDR-240-48** 240W Industrial Slim & High Efficiency DIN Rail Power Supply with PFC Function, 48VDC