

# LNP-0602

6-Port Industrial PoE+ UnManaged Ethernet Switch

- 4\*10/100Tx (30W/Port) + 2\*100Fx, 48~55VDC power input

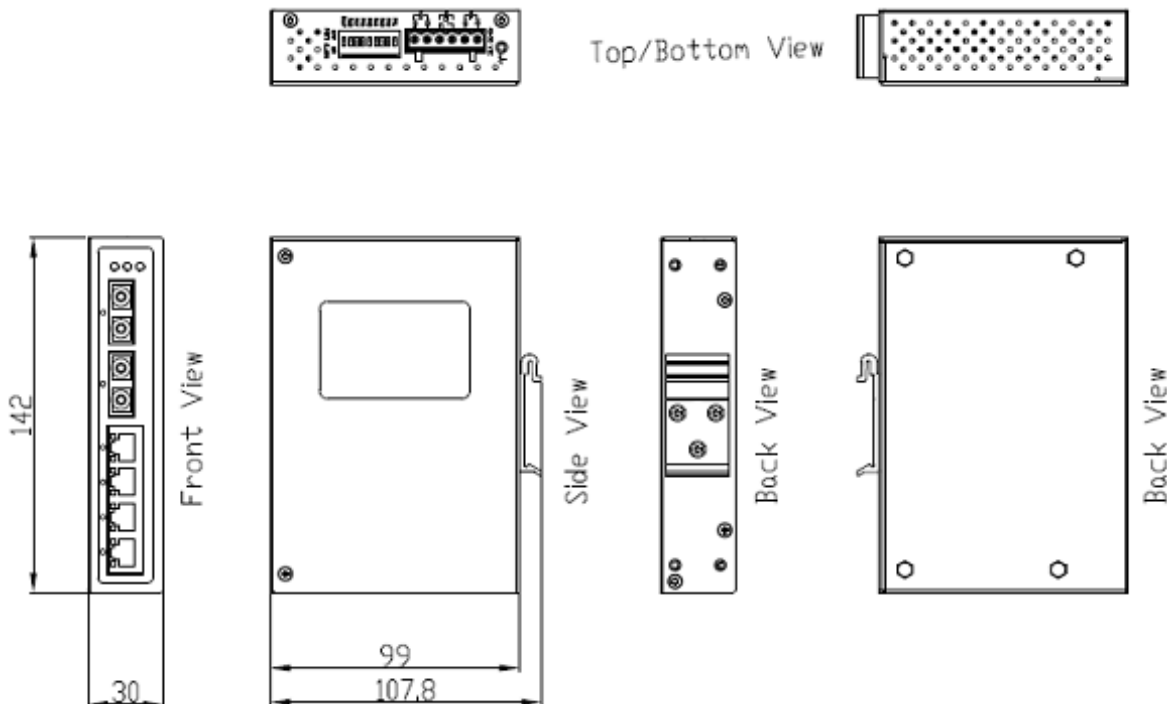


## Features

- ▶ Network broadcast storm protection
- ▶ 4-Ports IEEE 802.3at compliant PoE+ Function with 30W/Port
- ▶ 2-Ports 100Fx SC/ST type connector (Multi / Single mode)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K 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 Port Break Alarm
- ▶ IP30 Rugged Aluminum 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 802.3x Flow Control and Back-Pressure IEEE 802.3at Power over Ethernet
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	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): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
<b>MAC Table size</b>	2K

### Interface

<b>RJ45 Ports</b>	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 4*10/100Tx (PoE+) + 1*10/100Tx
<b>PoE Pin Out</b>	V-, V-, V+, V+ for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)
<b>Fiber Port</b>	2*100Fx SC/ST type connector Multi-mode (2Km) - 50/125um ~ 62.5/125um, Single-mode (30Km) - 9/125um ~ 10/125um
<b>Wavelength</b>	1310nm (Multi-mode and Single-mode)

### Power Requirements

<b>Input Voltage</b>	48~55VDC, Redundant Input
<b>Overload Current Protection</b>	Slow-Blown Fuse
<b>Connection</b>	1 removable 4-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>PoE Power Output</b>	25W @ 48VDC (per PoE port); 30W @ 51~55VDC (per PoE port)
<b>Power Consumption</b>	110 Watts @ 48VDC; 130 Watts @ 51~55VDC

### Mechanical Characteristics

<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	30 x 142 x 99 mm (1.18 x 5.59 x 3.90 in.)
<b>Weight</b>	Unit Weight: 1.1 lbs. Shipping Weight: 1.45 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; EN6100-4-3; EN6100-4-4; EN6100-4-5; EN6100-4-6; EN6100-4-8 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, UL508 (Pending)
<b>Warranty</b>	5 Years

## ► Ordering Information

<b>LNP-0602-M</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Multi-mode Fiber (2Km), SC connector
<b>LNP-0602-M-T</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Multi-mode Fiber (2Km), SC connector; EOT: -40° to 75° C
<b>LNP-0602-ST-M</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Multi-mode Fiber (2Km), ST connector
<b>LNP-0602-ST-M-T</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Multi-mode Fiber (2Km), ST connector; EOT: -40° to 75° C
<b>LNP-0602-S3</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Single-mode Fiber (30Km), SC connector
<b>LNP-0602-S3-T</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Single-mode Fiber (30Km), SC connector; EOT: -40° to 75° C
<b>LNP-0602-ST-S3</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Single-mode Fiber (30Km), ST connector
<b>LNP-0602-ST-S3-T</b>	6-Port Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 2*100Fx Single-mode Fiber (30Km), ST connector; EOT: -40° to 75° C

### Optional Accessories

<b>DR-45-48</b>	45W Industrial Din Rail Power Supply
<b>DR-75-48</b>	75W Industrial Din Rail Power Supply
<b>SDR-120-48</b>	120W Industrial Din Rail Power Supply
<b>SDR-240-48</b>	240W Industrial Din Rail Power Supply