

LNP-0501

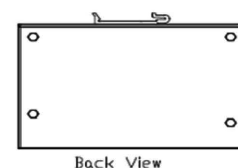
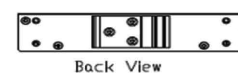
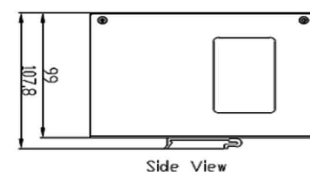
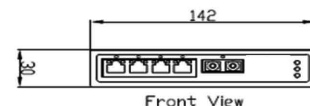
UnManaged Ethernet Switch with Fiber



4*10/100Tx (30W/Port) + 1*100Fx, 48-55VDC Power Input

Features

- ▶ Network Broadcast Storm Protection
- ▶ 4-Port IEEE 802.3at Compliant PoE+ Function with 30W/Port
- ▶ 1-Port 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



SPECIFICATIONS

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Technology	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100Base TX Fast Ethernet IEEE 802.3x Flow Control & Back Pressure IEEE 802.3at Power over Ethernet
Processing Type	Store & Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control
Switch Properties	
Switch Architecture	Back Plane Switching Fabric: 1.0 Gbps Packet throughput ability (full duplex): 1.488 Mpps@64bytes
Transfer Rate	14,880pps for ethernet port 148,800pps for fast ethernet port
MAC Table Size	2K
Interface	
RJ45 Ports	10/100Base T(X) auto negotiation speed, full/half duplex mode, & auto MDI/MDI-X connection
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)
Fiber Port	1*100Fx SC/ST type connector Multi-mode (2Km) - 50/125um - 62.5/125um, Single-mode (30Km) - 9/125um - 10/125um
Wavelength	1310nm (Multi-mode and Single-mode)
Power Requirements	
Input Voltage	48-55VDC, Redundant Input
Overload Current Protection	Slow-Blown Fuse
Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Yes
PoE Power Output	25W @ 48VDC (per PoE port); 30W @ 51-55VDC (per PoE port)
Power Consumption	110 Watts @ 48VDC; 130 Watts @ 51-55VDC
Mechanical	
Housing	Metal, IP30 protection
Dimensions	30 x 142 x 99 mm (1.18 x 5.59 x 3.90 in.)
Weight	Unit Weight: 1.1 lbs. Shipping Weight: 1.45 lbs
Mounting	DIN-Rail mounting, wall mounting (optional)

REGULATORY APPROVALS

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EMI	FCC Class A
EMS	EN6100-4-2; EN6100-4-3; EN6100-4-4; EN6100-4-5; EN6100-4-6; EN6100-4-8 EN6100-6-2; EN6100-6-4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL508
Warranty	5 Years

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