

LNx-0501G-SFP

5-Port Industrial Gigabit Unmanaged Ethernet Switch

- 4*10/100/1000Tx + 1*100/1000 SFP Slot

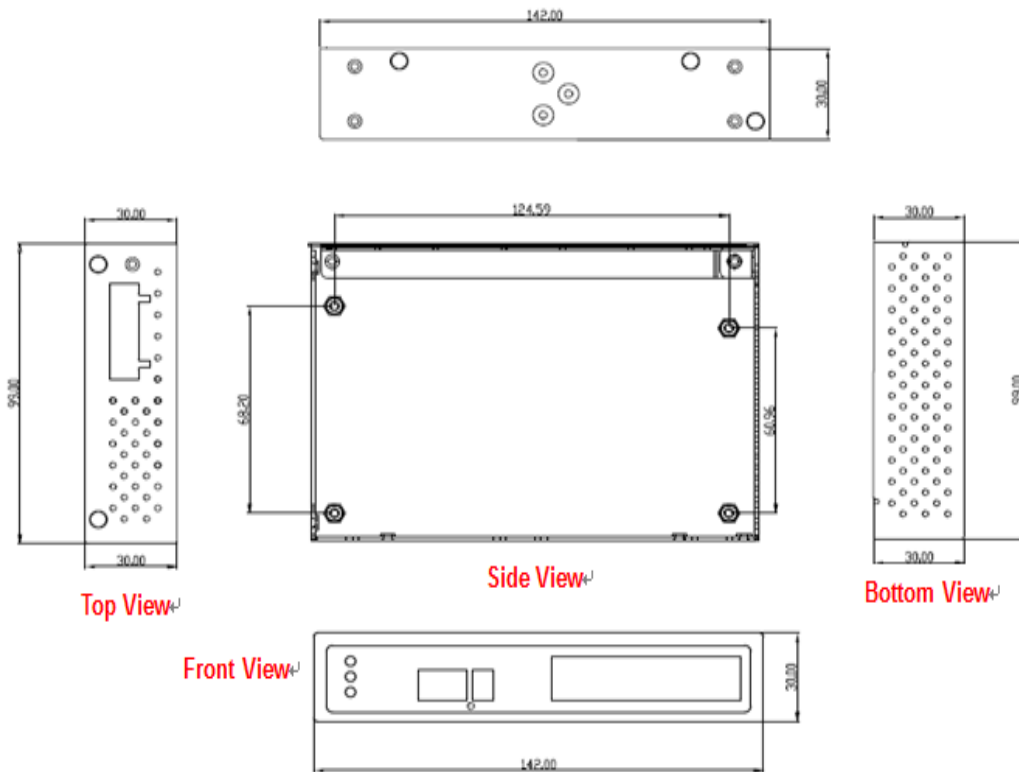


Features

- ▶ Network Broadcast Storm Protection
- ▶ 4*10/100/1000Tx Fast Ethernet Ports & 1*100/1000 SFP Slot
- ▶ 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: 3,000 VDC Support
- ▶ ESD Protection: 4,000 VDC Support
- ▶ Redundant Power Input Design – 12~48VDC
- ▶ 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

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

Switch Properties

Switch Architecture	Back-Plane (Switching Fabric): 10Gbps Packet Throughput Ability (Full-Duplex): 14.88Mpps @ 64bytes
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Broadcast Storm Rate Limit	7,926pps (default)
Memory Buffer	1 Mbits
Jumbo Frame	9.6Kbytes
MAC Table Size	8K

Interface

Ethernet Port	4*RJ45 Ports with 10/100/1000BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Port	1*100/1000 SFP Slot
Network Cable	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)

Power Requirements

Input Voltage	12~48VDC, Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	5 Watts

Mechanical Characteristics

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

Environmental Limits

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)

Regulatory Approvals

EMI	FCC Class A
EMS	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
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 508 (Pending)
Warranty	5 Years

► Ordering Information

LNX-0501G-SFP	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot
LNX-0501G-SFP-T	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot; EOT: -40° to 75° C

Optional Accessories

MDR-10-12	10W Industrial Din Rail Power Supply, 12VDC
MDR-10-24	10W Industrial Din Rail Power Supply, 24VDC
MDR-20-12	20W Industrial Din Rail Power Supply, 12VDC
MDR-20-24	20W Industrial Din Rail Power Supply, 24VDC
MDR-40-12	40W Industrial Din Rail Power Supply, 12VDC
MDR-40-24	40W Industrial Din Rail Power Supply, 24VDC
MDR-40-48	40W Industrial Din Rail Power Supply, 48VDC
DR-75-48	75W Industrial Din Rail Power Supply, 48VDC