

LNX-0601G-SFP

6-Port Industrial Gigabit Unmanaged Ethernet Switch

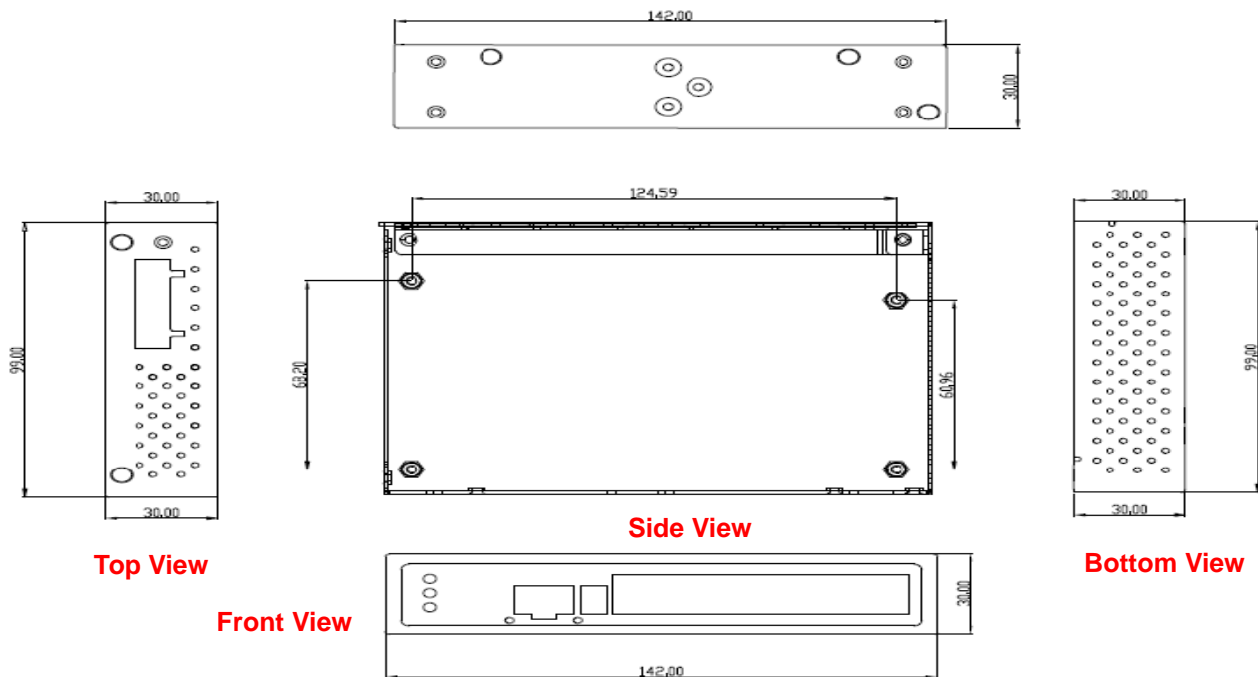
- 5*10/100/1000Tx + 1*100/1000 SFP Slot



Features

- ▶ Network Broadcast Storm Protection
- ▶ 5*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 14,880pps for Ethernet Port
Transfer Rate	148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Broadcast Storm Rate Limit	7,926pps (default)
Memory Buffer	1Mbits
Jumbo Frame	9.6Kbytes
MAC Table Size	8K

Interface

Ethernet Port	5*RJ45 Ports with 10/100/1000BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Port	2*100/1000 SFP Slots 10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)
Network Cable	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	6.9 Watts

Mechanical Characteristics

Housing	Metal, IP30 protection
Dip Switch	SFP Slot setting for 100Base-Fx or 1000Base-X (Energy Efficient Ethernet (EEE) Function)
Dimensions	30mm (W) x 99mm (D) x 142mm (H)
Weight	Unit Weight: 1.4-lbs. Shipping Weight: 1.9 lbs
Mounting	DIN-Rail mounting, wall mounting (optional)

Environmental Limits

Operating Temperature	STD: -10° to 60° C (14° to 140° 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
Warranty	5 Years

► Ordering Information

LNX-0601G-SFP	6-Port Industrial Gigabit Unmanaged Ethernet Switch, w/5*10/100/1000Tx + 1*100/1000 SFP Slot
LNX-0601G-SFP-T	6-Port Industrial Gigabit Unmanaged Ethernet Switch, w/5*10/100/1000Tx + 1*100/1000 SFP Slot; EOT: -40 to 75C

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