

LNX-500AG

5-Port Industrial Gigabit Unmanaged Ethernet Switch

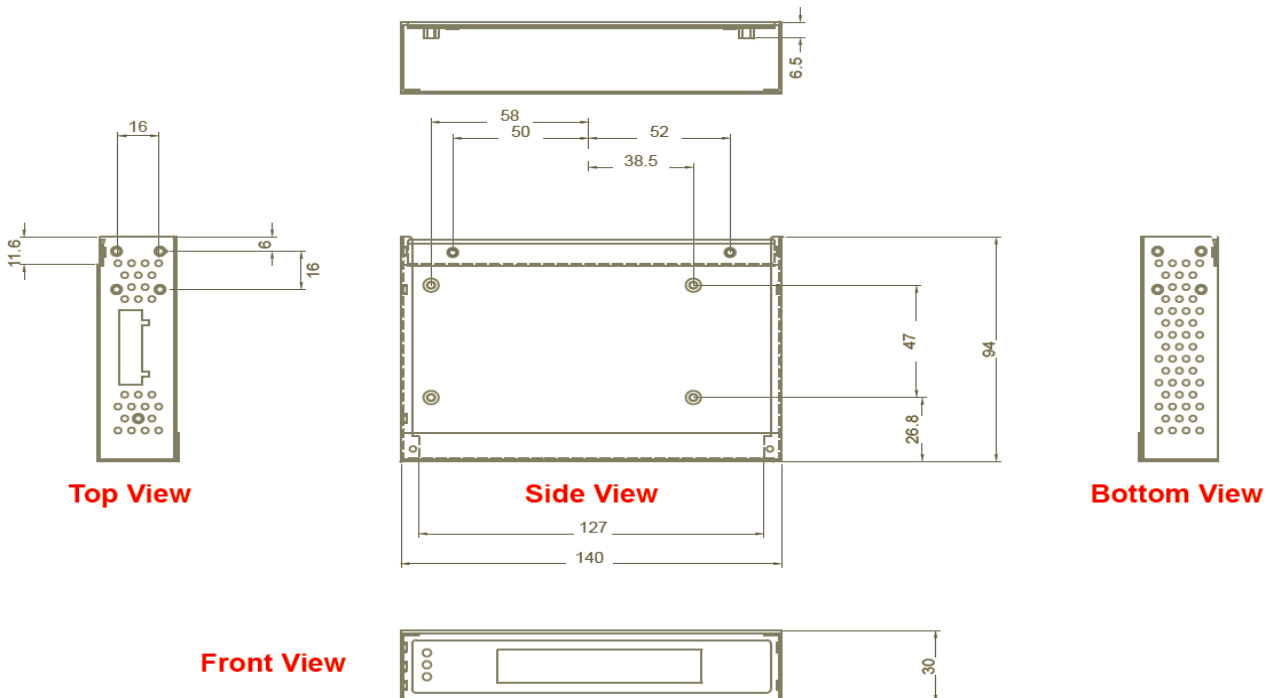
- w/5*10/100/1000Tx



Features

- ▶ Network Broadcast Storm Protection
- ▶ 5-Ports 10/100/1000Tx Fast Ethernet
- ▶ 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: 6,000 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
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	131 Kbits
Jumbo Frame	9.6Kbytes
MAC Table Size	8K

Interface

RJ45 Ports	5*10/100/1000BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
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)

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	30 x 140 x 95 mm (1.18 x 5.51 x 3.74 in.)
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
Warranty	5 Years

► Ordering Information

LNX-500AG	5-Port Industrial Gigabit Unmanaged Ethernet Switch - w/5*10/100/1000Tx
LNX-500AG-T	5-Port Industrial Gigabit Unmanaged Ethernet Switch - w/5*10/100/1000Tx; EOT: -40° to 75° C

Optional Accessories

DR-45-24	45W Industrial Din Rail Power Supply
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