



LNX-500AG Series

5-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx



Features

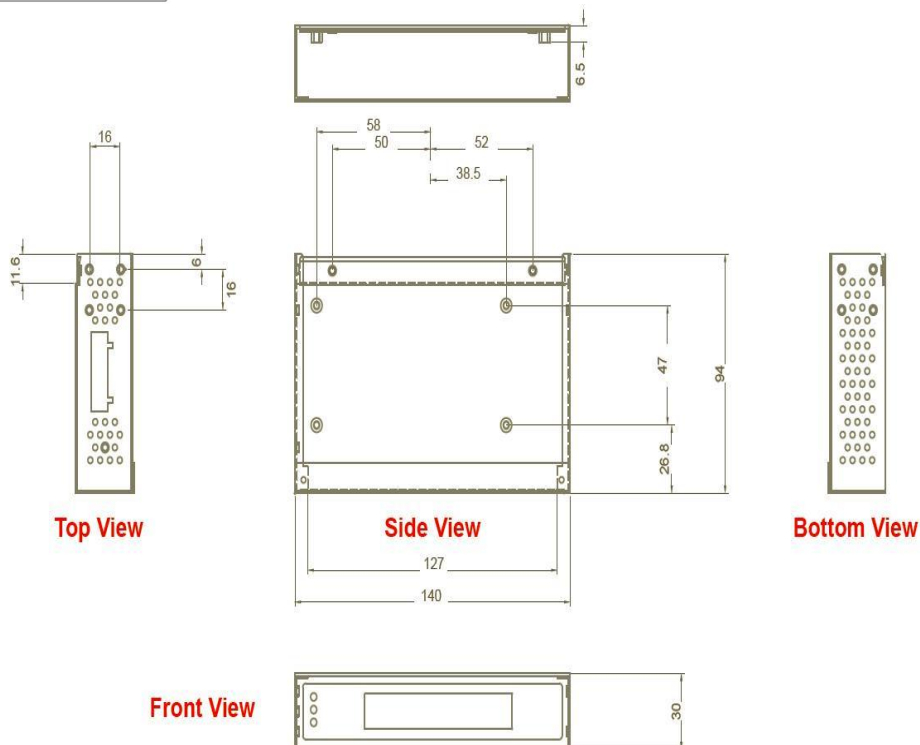
- ▶ Supports 5-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range - STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-500AG industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 5*10/100/1000Tx, making it ideal for applications that demand a high bandwidth connectivity solution.

This series provides a high EFT and ESD protection that has a dual power input with a reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports -40 to 75°C. The LNX-500AG series is an ideal solution for harsh outdoor weather environments and industrial applications.

DIMENSIONS



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SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az Gigabit Fiber	Housing	Metal, IP30 protection
Processing Type	Store and Forward	Dimensions	30 x 140 x 95 mm (W x H x D)
Protocol	CSMA/CD	Weight	Unit: 1.0 lbs. Shipping Weight: 1.5 lbs.
Flow Control	IEEE 802.3x back pressure flow control	Mounting	DIN-Rail, Wall mounting (optional)
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 10Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Transfer Rate	148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Storage Temperature	-40°C ~ 85°C
Memory Buffer	131 Kbits	Ambient Relative Humidity	5 to 95%, (non-condensing)
Jumbo Frame	9.6Kbytes	Regulatory Approvals	
MAC Table Size	8K	EMI	FCC Class A
Interface		EMS	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
Ethernet Port	5*10/100/1000Tx RJ45	Free Fall	IEC60068-2-32
Fiber Port	-	Shock	IEC60068-2-27
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E	Vibration	IEC60068-2-6
Power Requirements		Green	RoHS Compliant
Input Voltage	12~48VDC, Redundant Input	Certifications	FCC, CE, UL 60950-1, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Overload Current Protection	Present	Warranty	5 Years
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	5 Watts		

ORDERING INFO

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

Optional Accessories

MDR-10-24	10W Industrial Din Rail Power Supply, 24VDC
DR-15-24	15W Industrial Din Rail Power Supply, 24VDC
DR-45-24	45W Industrial Din Rail Power Supply, 24VDC
DR-75-48	75W Industrial Din Rail Power Supply, 48VDC

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