



LNx-500AG Series

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



Features

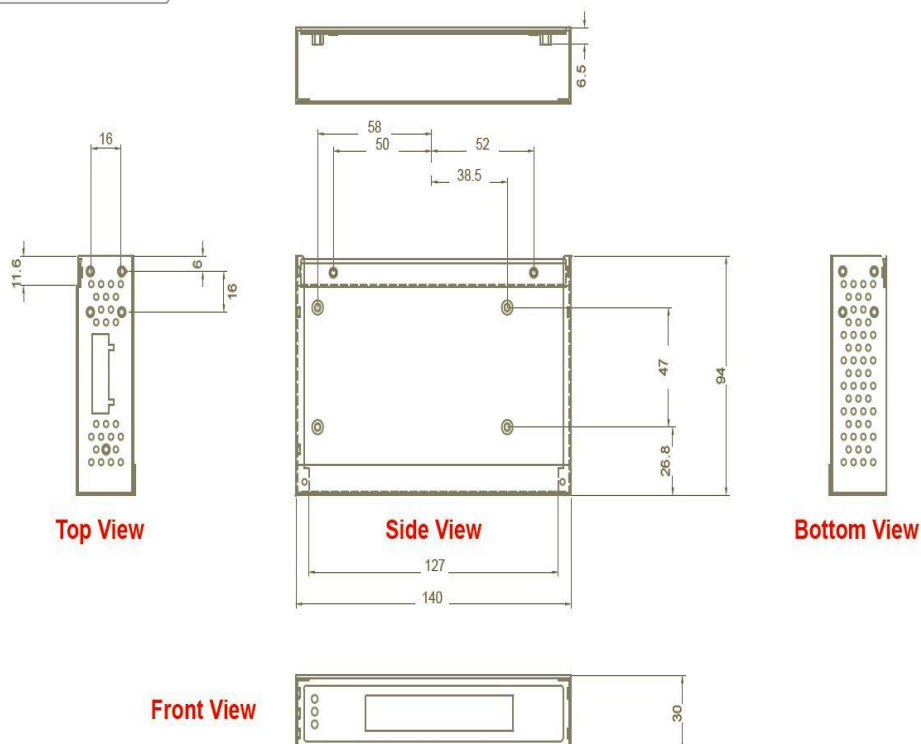
- ▶ Supports 5-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input 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



Toll-Free: 1 (844) 268-2472 | T: 1 (714) 671-9000 | F: 1 (714) 671-9944

www.antaira.com

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

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660