

LNX-800AG Series

8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx



Features

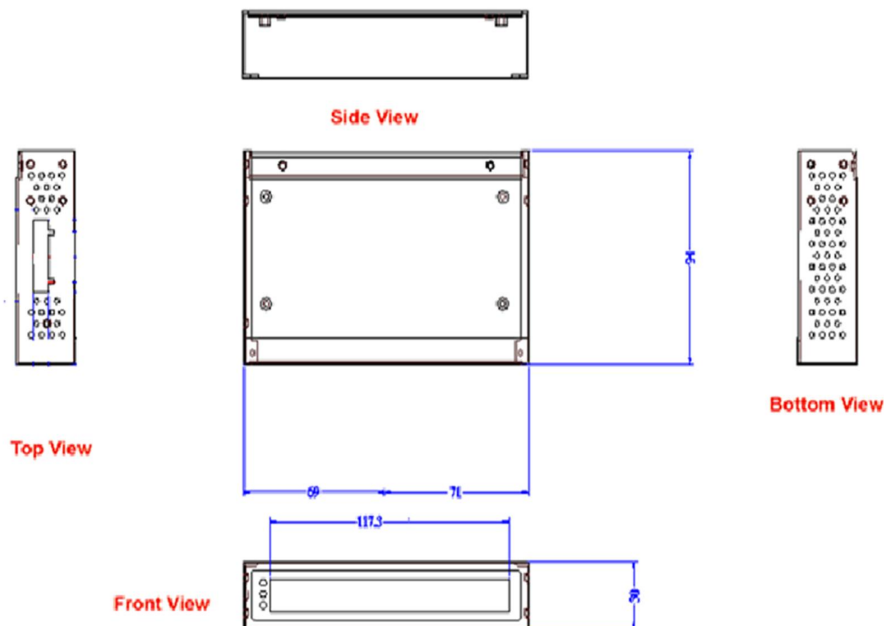
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 3,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input 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-800AG series industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 8*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-800AG series is an ideal solution for harsh outdoor weather environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az Gigabit Fiber	Input Voltage	12~48VDC, Redundant Input
Processing Type	Store and Forward	Power Connection	1 removable 6-contact terminal block
Protocol	CSMA/CD	Reverse Polarity Protection	Yes
Flow Control	IEEE 802.3x back pressure flow control	Overload Current Protection	Present
Switch Properties		Power Consumption	7.5 Watts
Switch Architecture	Back-Plane (Switching Fabric): 16Gbps 14,880pps for Ethernet port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Environmental Limits	
Transfer Rate		Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Memory Buffer	4Mbits	Storage Temperature	-40°C ~ 85°C
Jumbo Frame	9.6Kbytes	Ambient Relative Humidity	5 to 95%, (non-condensing)
MAC Table Size	8K	Regulatory Approvals	
Interface		EMI	FCC Class A EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
Ethernet Port	8*10/100/1000Tx RJ45	EMS	
Fiber Port	-	Free Fall	IEC60068-2-32
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	Shock	IEC60068-2-27
Mechanical Characteristics		Vibration	IEC60068-2-6
Housing	Metal, IP30 protection	Green	RoHS Compliant
Dimensions	30 x 140 x 95 mm	Certifications	FCC, CE, UL Class 1 Division 2, UL 61010-1, UL 61010-2-201
Weight	Unit: 1.0 lbs; Shipping: 1.5 lbs	Warranty	5 Years
Mounting	DIN-Rail; Wall Mounting (optional)		

ORDERING INFO

LNX-800AG	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx
LNX-800AG-T	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*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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