

LNx-800AG Series

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



Features

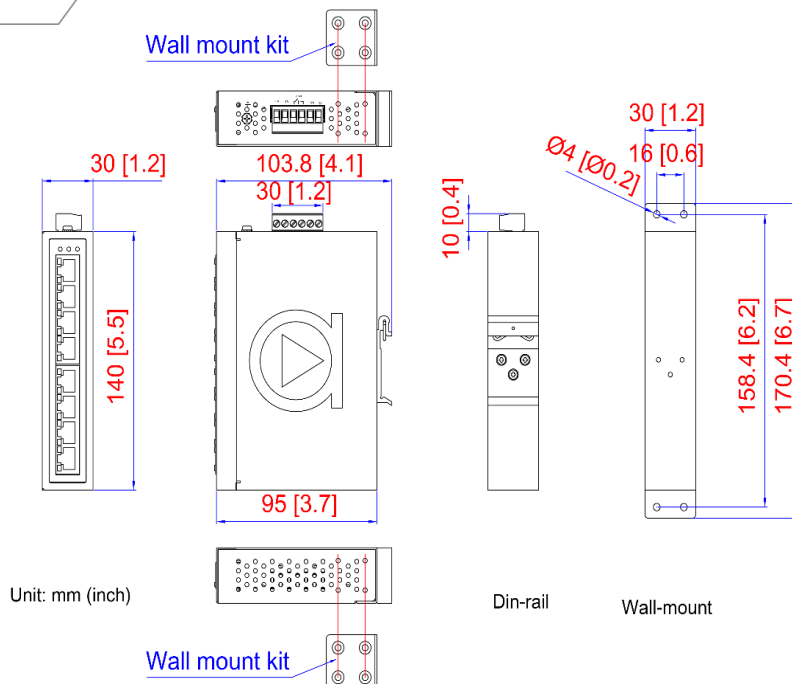
- ▶ Supports 8-Port 10/100/1000T Gigabit Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range - STD: -10°C to 70°C, EOT: -40°C 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*10/100/1000T, 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°C 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 10BASE-T Ethernet	Input Voltage	12~48VDC, Redundant Input
	IEEE 802.3u 100BASE-TX Fast Ethernet	Power Connection	1 removable 6-contact terminal block
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet	Reverse Polarity Protection	Present
Processing Type	Store and Forward	Overload Current Protection	Present
Protocol	CSMA/CD	System Power Consumption	9.2 Watts
Flow Control	IEEE 802.3x flow control, back pressure flow control	Relay Contact	24VDC, 1A resistive
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 16Gbps	Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Storage Temperature	-40°C ~ 85°C
Memory Buffer	4Mbits	Ambient Relative Humidity	5 to 95%, (non-condensing)
Jumbo Frame	9.6Kbytes	Regulatory Approvals	
MAC Table Size	8K	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Interface		EMS	CE EN55024/EN61000-6-2 IEC61000-4-2,3,4,5,6,8
Ethernet Port	8*10/100/1000BASE-T Auto negotiation speed, Full/Half duplex mode, auto MDI/MDI-X connection	Free Fall	IEC60068-2-32
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: Link/Activity/Speed	Shock	IEC60068-2-27
Network Cable	10BASE-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BASE-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BASE-T: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
		Green	RoHS Compliant
Mechanical Characteristics		Certifications	FCC, CE, UL 61010-1, UL 61010-2-201 UL Class 1 Division 2, ISA 12.12.01
Housing	Metal, IP30 protection	Warranty	5 Years
Dimensions	30 x 140 x 95 mm (W x H x D)		
Weight	Unit: 1.0 lb Shipping: 1.5 lbs		
Mounting	DIN-Rail mounting; Wall mounting		

ORDERING INFO

LNx-800AG	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000T
LNx-800AG-T	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000T; EOT: -40°C to 75°C

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