

LNx-800AG Series

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



Features

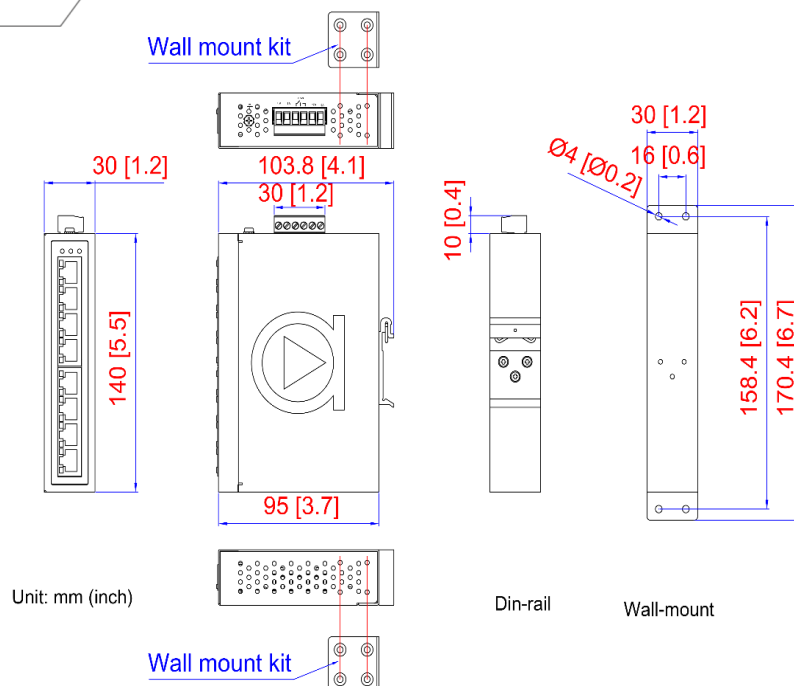
- ▶ Supports 8-Port 10/100/1000T Gigabit Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 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	
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet
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): 16Gbps 14,880pps for Ethernet port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Transfer Rate	
Memory Buffer	4Mbits
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Interface	
Ethernet Port	8*10/100/1000BASE-T Auto negotiation speed, Full/Half duplex mode, auto MDI/MDI-X connection
LED Indicators	System: Power 1, Power 2, Fault Ethernet Ports: Link/Activity/Speed
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)
Mechanical Characteristics	
Housing	Metal, IP30 protection
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

Power Requirement	
Input Voltage	12~48VDC, Redundant Input
Power Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Present
Overload Current Protection	Present
System Power Consumption	9.2 Watts
Relay Contact	24VDC, 1A resistive
Environmental Limits	
Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55024/EN61000-6-2 IEC61000-4-2,3,4,5,6,8
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201 UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

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

Assured Systems

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