

# LNX-800A Series

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



## Features

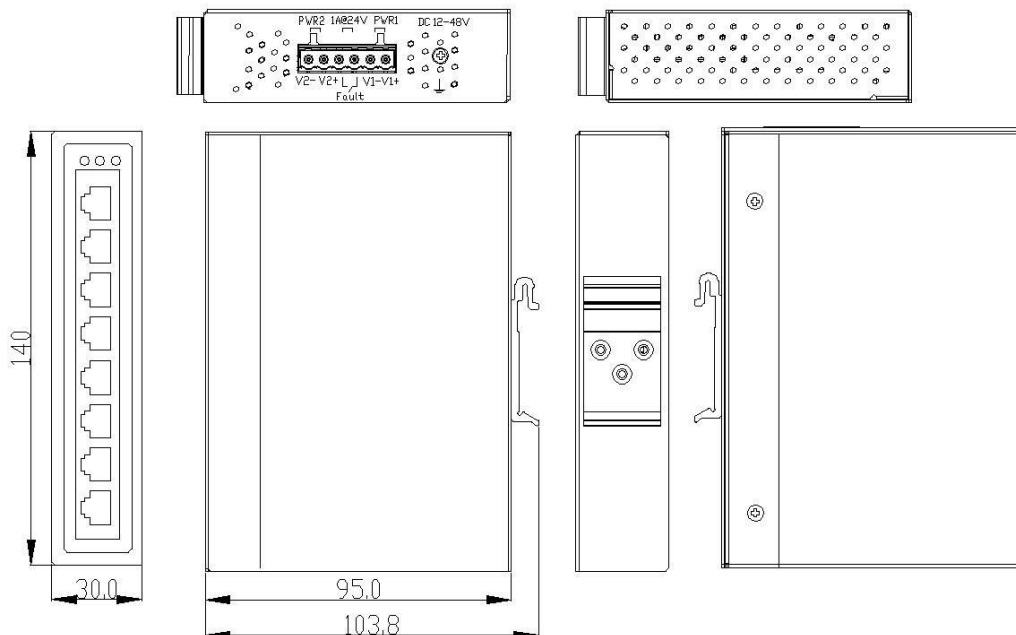
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Built-in 1 Relay Output for Fault Alarm
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range: STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ UL Class 1 Division 2 Certified
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' LNX-800A series industrial unmanaged Ethernet switch is IP30 rated and DIN-Rail mountable. Each unit is designed with five 10/100Tx Fast Ethernet ports that have auto detection support for MDI or MDI-X. The LNX-800A series provide high EFT and ESD protection and the built-in relay warning function alerts maintainers when power failures or port breaks occur.

The LNX-800A series includes two models: one with an operating temperature range of -10° to 70°C and the other one with an extended operating temperature range of -40° to 75°C. It is a perfectly designed product to fulfill special needs for industrial automation, outdoor applications, and harsh weather environments.

## DIMENSIONS



## SPECIFICATIONS

Technology		Mechanical Characteristics	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet	<b>Housing</b>	Metal, IP30 protection
<b>Processing Type</b>	Store-and-Forward	<b>Dimensions</b>	30 x 140 x 95 mm (W x H x D)
<b>Protocol</b>	CSMA/CD	<b>Weight</b>	Unit: 1.0 lb Shipping: 1.5 lbs
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Mounting</b>	DIN-Rail or Wall mounting (optional)
Switch Properties		Environmental Limits	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes	<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>Transfer Rate</b>	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Port	<b>Storage Temperature</b>	-40°~85°C
<b>MAC Table Size</b>	2K	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
Interface		Regulatory Approvals	
<b>Ethernet Port</b>	8*RJ45 - 10/100T(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>EMI</b>	FCC Class A
Power Requirement		<b>EMS</b>	EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
<b>Input Voltage</b>	12~48VDC, Redundant Input	<b>Free Fall</b>	IEC60068-2-32
<b>Power Connection</b>	1 removable 6-contact terminal block	<b>Shock</b>	IEC60068-2-27
<b>Reverse Polarity Protection</b>	Present	<b>Vibration</b>	IEC60068-2-6
<b>Overload Current Protection</b>	Present	<b>Green</b>	RoHS Compliant
<b>Power Consumption</b>	5 Watt	<b>Certifications</b>	FCC, CE, UL 60950-1, UL 61010-1 UL 61010-2-201, ISA 12.12.01, UL Class 1 Division 2
		<b>Safety</b>	E-Mark for LNX-800A-E series only
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-800A</b>	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx
<b>LNX-800A-T</b>	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx; EOT: -40° to 75°C
<b>LNX-800A-E</b>	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification
<b>LNX-800A-E-T</b>	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification; EOT: -40° to 75°C
Optional Accessories	
<b>MDR-10-24</b>	10W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-15-24</b>	15W Industrial DIN-Rail Power Supply, 24VDC