

LNX-800A-E Series

8-Port Industrial Unmanaged Ethernet Switch, with 8*10/100Tx, 12-48VDC Power Input, E-mark Version



Features

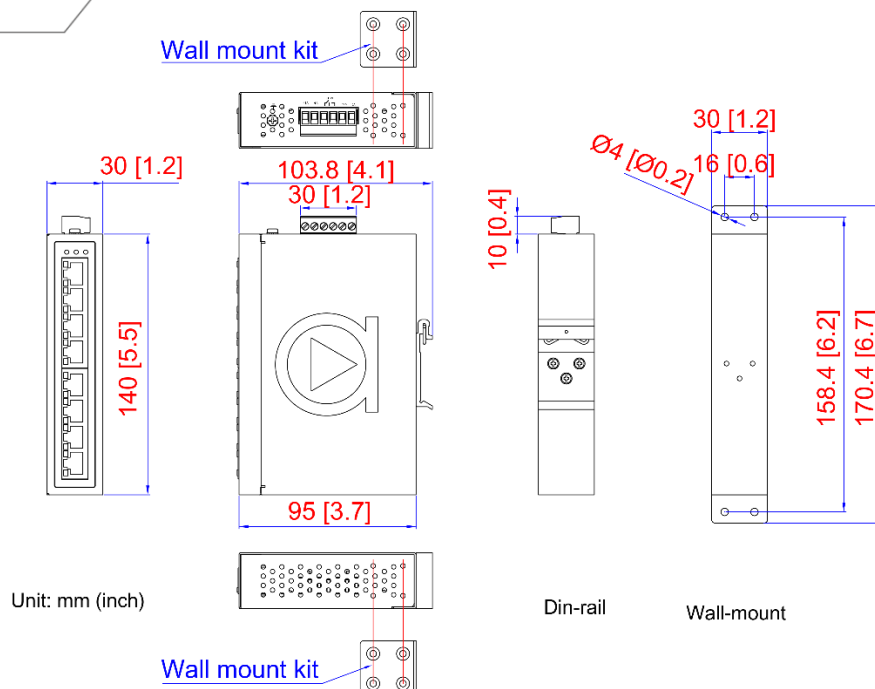
- ▶ E-Mark certified for vehicle applications
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ 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
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-800A-E 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-E 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-E 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. With an increasing demand for E-Mark certified products not only for the EU but also the Middle East and African markets, this product is a perfect solution for easy network deployment in various vehicular environments.

DIMENSIONS



SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet
Processing Type	Store-and-Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Switch Architecture	Back-Plane (Switching Fabric): 1.6Gbps
Transfer Rate	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Port
MAC Table Size	2K
Interface	
Ethernet Port	8*10/100T(X) RJ45 ports Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
LED Indicators	System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting
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)
Power Requirement	
Input Voltage	12~48VDC, Redundant Input
Power Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Present
Overload Current Protection	Present
Power Consumption	3.5 Watt

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 or Wall mounting (optional)
Environmental Limits	
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~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
Safety	E-Mark for LNX-800A-E series only
Warranty	5 Years

ORDERING INFO

LNX-800A	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx
LNX-800A-T	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx; EOT: -40° to 75°C
LNX-800A-E	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification
LNX-800A-E-T	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification; EOT: -40° to 75°C