

# LNX-800AG-E Series

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



## Features

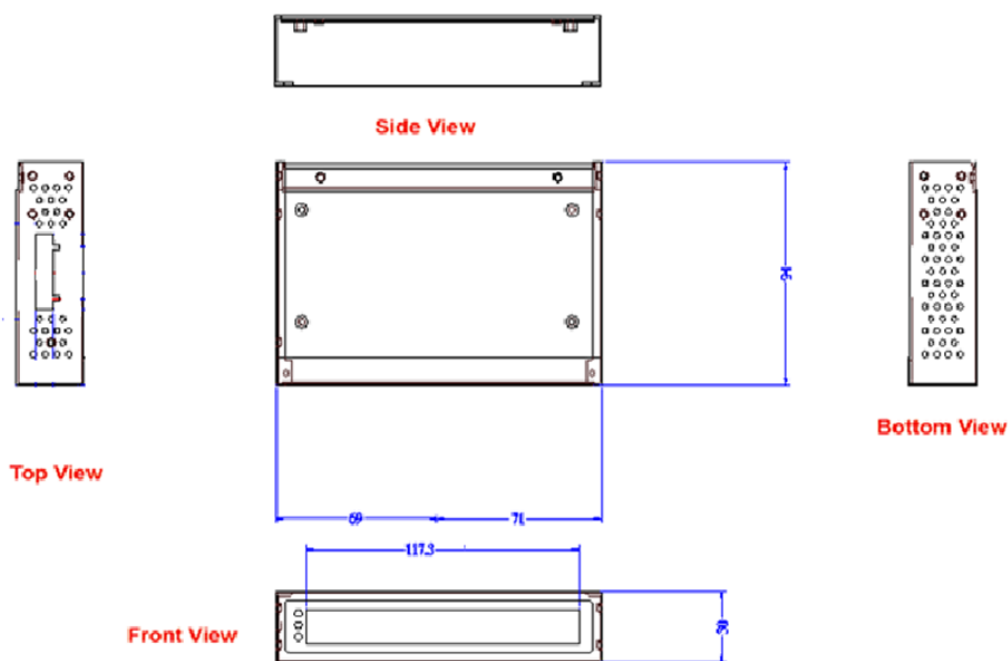
- ▶ E-Mark certified for vehicle applications
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 3,000 VDC Support
- ▶ ESD Protection: 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-E 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-E series is an ideal solution for vehicle applications, harsh outdoor weather environments and industrial applications.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Power Requirement</b>	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az Gigabit Fiber	<b>Input Voltage</b>	12~48VDC, Redundant Input
<b>Processing Type</b>	Store and Forward	<b>Power Connection</b>	1 removable 6-contact terminal block
<b>Protocol</b>	CSMA/CD	<b>Reverse Polarity Protection</b>	Yes
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Overload Current Protection</b>	Present
<b>Switch Properties</b>		<b>Power Consumption</b>	7.5 Watts
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 16Gbps 14,880pps for Ethernet port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	<b>Environmental Limits</b>	
<b>Transfer Rate</b>		<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>Memory Buffer</b>	4Mbits	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Jumbo Frame</b>	9.6Kbytes	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>MAC Table Size</b>	8K	<b>Regulatory Approvals</b>	
<b>Interface</b>		<b>EMI</b>	FCC Class A
<b>Ethernet Port</b>	8*10/100/1000Tx RJ45	<b>EMS</b>	EN61000-4-2,3,4,5,6,8, EN61000-6-2,4
<b>Fiber Port</b>	-	<b>Free Fall</b>	IEC60068-2-32
<b>Network Cable</b>	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	<b>Shock</b>	IEC60068-2-27
<b>Mechanical Characteristics</b>		<b>Vibration</b>	IEC60068-2-6
<b>Housing</b>	Metal, IP30 protection	<b>Green</b>	RoHS Compliant
<b>Dimensions</b>	30 x 140 x 95 mm	<b>Certifications</b>	FCC, CE, UL 60950-1, UL 61010-1, UL 61010-2-201, ISA 12.12.01
<b>Weight</b>	Unit: 1.0 lbs; Shipping: 1.5 lbs	<b>Safety</b>	E-Mark
<b>Mounting</b>	DIN-Rail; Wall Mounting (optional)	<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-800AG-E</b>	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx, w/ <b>E-Mark</b> certification
<b>LNX-800AG-E-T</b>	8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx, w/ <b>E-Mark</b> certification; EOT: -40° to 75°C
<b>Optional Accessories</b>	
<b>MDR-10-24</b>	10W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-15-24</b>	15W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-45-24</b>	45W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-75-48</b>	75W Industrial DIN-Rail Power Supply, 48VDC