

# LNX-C800G Series

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



## Features

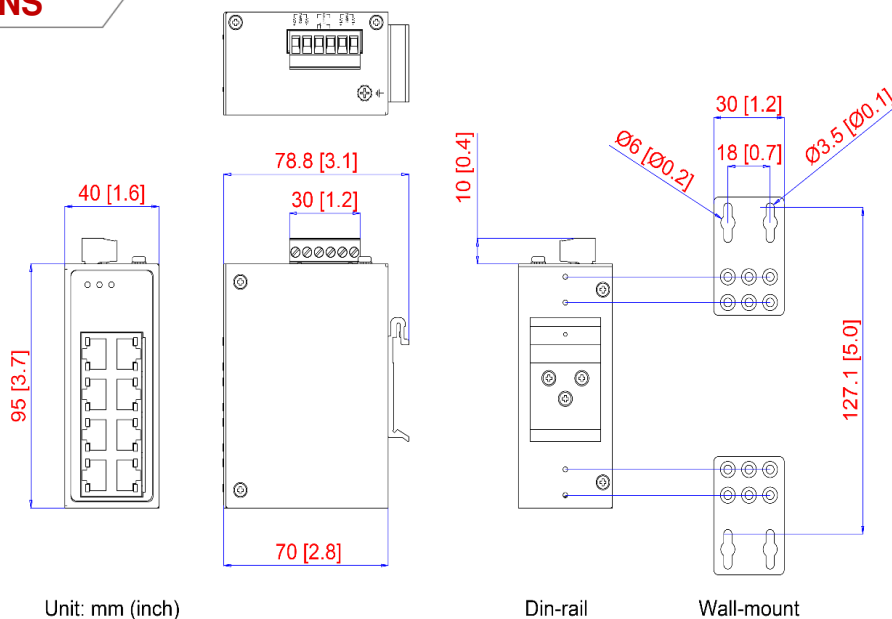
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:  
STD: -10° to 65°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' LNX-C800G series is a compact 8-port industrial Ethernet switch. The small form factor of this metal IP30 rated industrial switch is 30% smaller allowing for a more versatile implementation. The LNX-C800G series is equipped with 8\*10/100/1000Tx RJ45 Ethernet ports; with a backplane speed of 16gbps. The industrial-grade design and compact size of the LNX-C800G series makes this the ideal unit for integration into projects or other applications that need a small footprint.

The LNX-C800G series supports reverse polarity and overload current protection. This product series supports DIN-rail as well as wall-mountable orientations and provides operating temperature range models in STD: -10°C to 65°C and EOT: -40°C to 75°C. This is an industrial-grade unit applicable for networking applications in factory automation, ITS, power/utility, water wastewater treatment plants, or any application that needs a compact solution.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Mechanical Characteristics</b>	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet	<b>LED Indicator</b>	Per Unit: Power 1 & 2, and Fault
<b>Switch Properties</b>		<b>Housing</b>	Metal IP30 rated
<b>Protocol</b>	CSMA/CD	<b>Dimensions</b>	40 x 95 x 70 mm
<b>Processing Type</b>	Store and Forward	<b>Weight</b>	Unit: 0.72 lb; Shipping: 1.03 lbs
<b>Transfer Rate</b>	14,880pps for 10Base-T Ethernet port 148,800pps for 100Base-T Fast Ethernet port 1,488,000pps for Gigabit Ethernet port	<b>Mounting</b>	DIN-Rail; Wall-mount (optional)
<b>Switching Fabric (Back-Plane)</b>	16Gbps	<b>Power Requirement</b>	
<b>Jumbo Frame</b>	9,216 bytes	<b>Input Voltage</b>	12~48VDC Redundant Input
<b>Packet Buffer</b>	512 Kbits	<b>Power Connection</b>	1 removable 6-contact terminal block
<b>MAC Table</b>	4K	<b>Power Consumption</b>	4Watts
<b>Flow Control</b>	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	<b>Environmental Limits</b>	
<b>Port Interface</b>		<b>Operating Temperature</b>	STD: -10° to 65°C EOT: -40° to 75°C
<b>Ethernet RJ45 Port</b>	8*10/100/1000BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Protection</b>		<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Overload Current Protection</b>	Present (Slow-Blown Fuse)	<b>Regulatory Approvals</b>	
<b>Power Reverse Polarity</b>	Present	<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
<b>Network Cable</b>	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-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)	<b>EMS</b>	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
		<b>Free Fall</b>	IEC60068-2-32
		<b>Shock</b>	IEC60068-2-27
		<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant
		<b>Certifications</b>	FCC, CE, UL 61010-1, 61010-2-201
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-C800G</b>	8-Port Industrial Compact Unmanaged Ethernet Switch with 8*10/100/1000Tx
<b>LNX-C800G-T</b>	8-Port Industrial Compact Unmanaged Ethernet Switch with 8*10/100/1000Tx; EOT: -40° to 75°C

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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