

LNX-C800G Series

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



Features

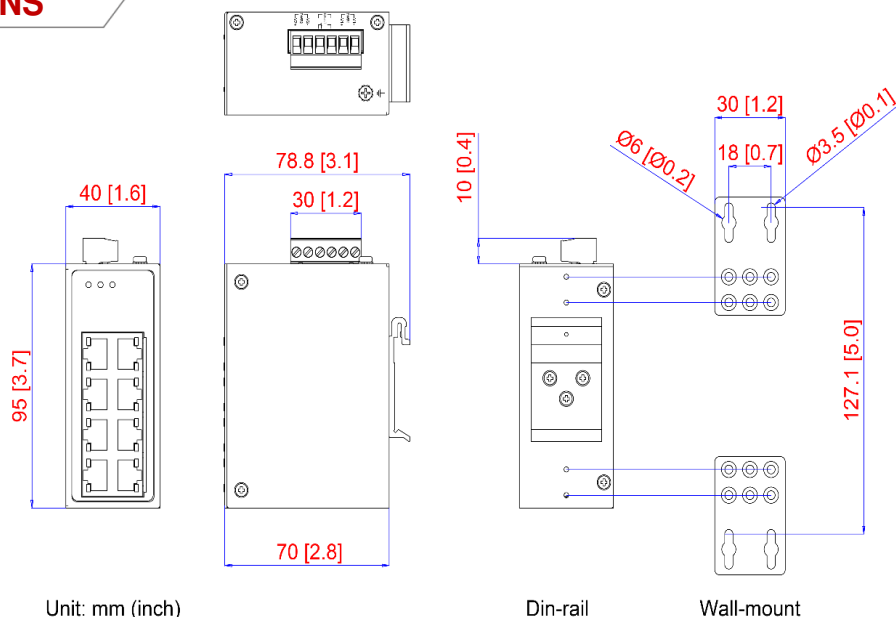
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal 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

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

ORDERING INFO

LNx-C800G	8-Port Industrial Compact Unmanaged Ethernet Switch with 8*10/100/1000Tx
LNx-C800G-T	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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