

LNX-C800G Series

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



Features

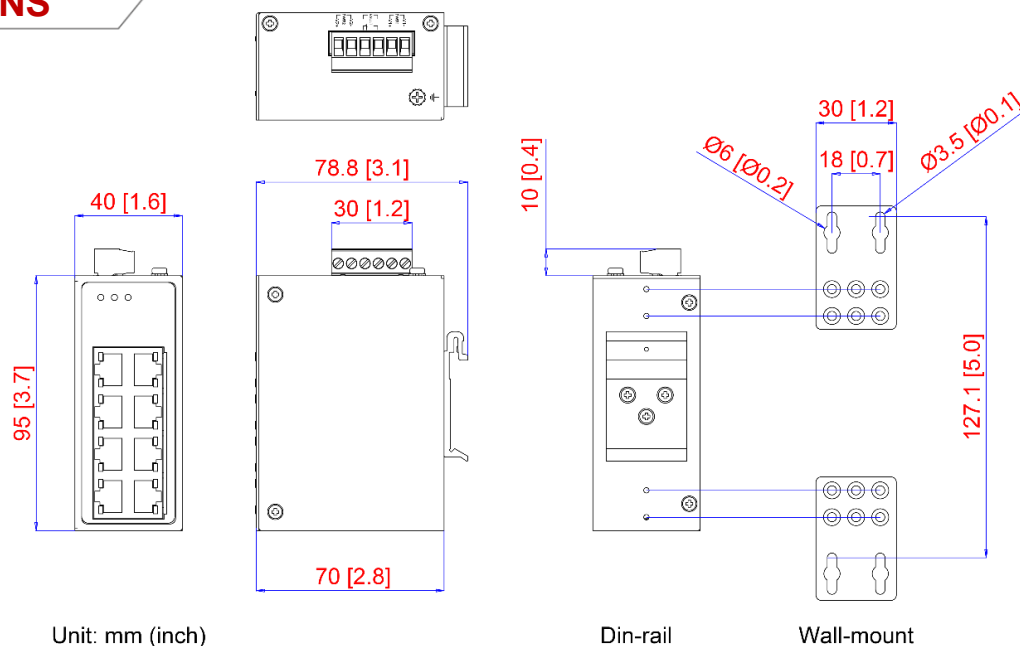
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal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

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