

LNX-C500 Series

Features

Compact 5-Port Industrial Unmanged Ethernet Switches, w/5*10/100Tx, 12~48VDC Power Input



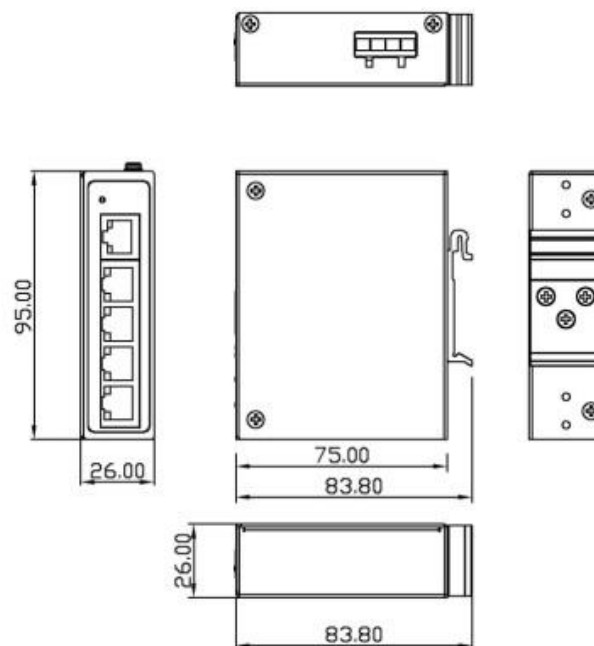
- ▶ Compact Industrial Grade Design
- ▶ Supports 5-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Protection
- ▶ 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-C500 series is a compact 5-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-C500 series is equipped with 5*10/100Tx RJ45 Ethernet ports; with a backplane speed of 1gbps. The industrial grade design and compact size of the LNX-C500 series makes this the ideal unit for integration into projects or other applications that need a small footprint.

The LNX-C500 series supports high EFT & ESD protection through the redundant power inputs that support 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 70°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	LED Indicator	Per Unit: Power 1 & 2
Switch Properties		Housing	Metal IP30 rated
Protocol	CSMA/CD	Dimensions	26 x 95 x 75 mm
Data Process	Store and forward	Weight	Unit: 1.0 lbs; Shipping: 1.5 lbs
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port	Mounting	DIN-Rail; Wall-mount (optional)
Packet Buffer	448 Kbits	Power Requirement	
MAC Table	8K	Input Voltage	12~48VDC Redundant Input
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	Power Connection	1 removable 4-contact terminal block
Port Interface		Power Consumption	1.2 Watts
Ethernet RJ45 Port	5*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Environmental Limits	
Protection		Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Overload Current	Present	Storage Temperature	-40°C ~ 85°C
Power Reverse Polarity	Present (the unit will not be on, if power reverse)	Ambient Relative Humidity	5 to 95%, (non-condensing)
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable.	Regulatory Approvals	
		EMI	FCC Class A
		EMS	EN61000-4-2,3,4,5,6,8
		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 (Pending)
		Compliance	NEMA TS1/TS2
		Warranty	5 Years

ORDERING INFO

LNX-C500	Compact 5-Port Industrial Ethernet Switch with 5*10/100Tx
LNX-C500-T	Compact 5-Port Industrial Ethernet Switch with 5*10/100Tx; EOT -40° to 75°C
Optional Accessories	
DR-15-12	15W Industrial DIN-Rail Power Supply, 12VDC
MDR-20-24	20W Industrial DIN-Rail Power Supply, 24VDC
MDR-40-48	40W Industrial DIN-Rail Power Supply, 48VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC