

# LNX-C500-CC Series

5-Port Industrial Compact Unmanaged Ethernet Switch, with 5\*10/100Tx and Conformal Coating



## Features

- ▶ Conformal Coating
- ▶ Compact Industrial Grade Design
- ▶ 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 Reverse 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

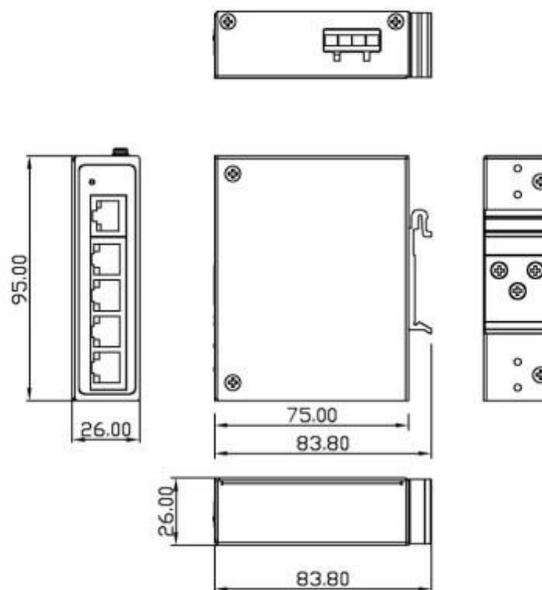
## INTRODUCTION

Antaira's compact design **LNX-C500-CC series** industrial unmanaged Ethernet switch is IP30 rated and DIN-Rail mountable. The LNX-C500 series is equipped with 5\*10/100Tx RJ45 Ethernet ports; with a backplane speed of 1gbps. The small form factor of this industrial switch is 30% smaller allowing for a more versatile implementation.

Conformal coating is a specialty film which conforms to the contours of the printed circuit board to protect the board from adverse environmental conditions. Antaira's conformal coating process meets or exceed the standards for protection against gases, dust, and water.

The LNX-C500-CC series is a perfect industrial networking product to support any application such as power/utility, water wastewater treatment, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

## DIMENSIONS



## SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet
Processing Type	Store-and-Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
Switch Properties	
Packet Buffer	448 Kbits
MAC Table Size	8K
Interface	
Ethernet Port	5*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable
LED Indicators	Power and Port Link/Activity Status
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	26 x 95 x 75 mm
Weight	Unit: 1.0 lb Shipping: 1.5 lbs
Mounting	DIN-Rail; Wall-mount (optional)

Power Requirement	
Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present (the unit will not be on, if power reverse)
Overload Current Protection	Present
Power Consumption	1.2 Watts
Environmental Limits	
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
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, UL61010-1,61010-2-201
Compliance	NEMA TS1/TS2 IEC 60068-2-11, IEC 60068-2-52, IEC 60068-2-60 IPC-CC-830B, MIL-I-46058C, IEC 61086-2 (Class 2), UL 94, UL 746E ISO 9223 (Class C5-Very High, Class GX-Severe) ANSI/ISA 71.04 (Class GX-Severe)
Corrosion Prevention	
Warranty	5 Years

## ORDERING INFO

<b>LNX-C500-CC</b>	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx and Conformal Coating
<b>LNX-C500-T-CC</b>	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx; EOT: -40°~75°C and Conformal Coating

### Optional Accessories

<b>DIN-RACK-2U</b>	DIN-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products, 2U Height
<b>DIN-RAIL-10</b>	35mm Steel DIN-Rail Track – 10 Inches Long
<b>DR-15-12</b>	15 Watt Industrial Single Output DIN Rail Power Supply – 12 VDC / 1.25 Amps
<b>DR-75-48</b>	75 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.6 Amps
<b>MDR-20-24</b>	20 Watt Industrial Single Output DIN Rail Power Supply – 24 VDC / 1.00 Amp
<b>MDR-40-48</b>	40 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 0.83 Amps
<b>MDR-60-48</b>	60 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.25 Amps