

entaira®

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



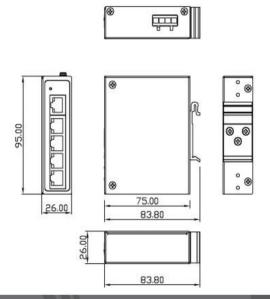
Antaira's compact design LNX-C500-CC series industrial unmanaged Ethernet switch is IP30 rated and DIN-Rail mountable. The LNX-C500 series is equipped with 5*10/100Tx RJ45 Ethernet ports; with a backplane speed of 1gbps. The small form factor of this industrial switch is 30% smaller allowing for a more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





www.antaira.com

Toll-Free:1 (844) 268-2472

T: 1 (714) 671-9000

F: 1 (714) 671-9944



antaira®

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 Peguirement	
Power Requirement	12-49VDC Redundant Innut
Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 4-contact terminal block
Reverse Polarity	Present (the unit will not be on, if power
Protection	reverse)
Overload Current Protection	Present
Power Consumption	1.2 Watts
Environmental Limits	
Operating	STD: -10° to 70°C
Temperature	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
Corrosion Prevention	61086-2 (Class 2), UL 94, UL 746E
	ISO 9223 (Class C5-Very High, Class
	GX-Severe)
	ANSI/ISA 71.04 (Class GX-Severe)
Warranty	5 Years

ORDERING INFO

LNX-C500-CC	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx and Conformal Coating
LNX-C500-T-CC 5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx; EOT: -40°~75°C and Conformal Coating	
Optional Accessories	
DIN-RACK-2U	DIN-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products, 2U Height
DIN-RAIL-10	35mm Steel DIN-Rail Track – 10 Inches Long

DR-15-12

15 Watt Industrial Single Output DIN Rail Power Supply – 12 VDC / 1.25 Amps

DR-75-48

75 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.6 Amps

MDR-20-24

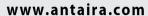
20 Watt Industrial Single Output DIN Rail Power Supply – 24 VDC / 1.00 Amp

MDR-40-48

40 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 0.83 Amps

MDR-60-48

60 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.25 Amps





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.

US

sales@assured-systems.com

Sales: +1 347 719 4508 Support: +1 347 719 4508

1309 Coffeen Ave Ste 1200 Sheridan WY 82801 USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050 Support: +44 (0)1785 879 050

Unit A5 Douglas Park Stone Business Park Stone ST15 0YJ United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660