

# LNX-C500G Series

**Compact 5-Port Industrial Gigabit Unmanaged Ethernet Switches, w/5\*10/100/1000Tx, 12~48VDC Power Input**



## Features

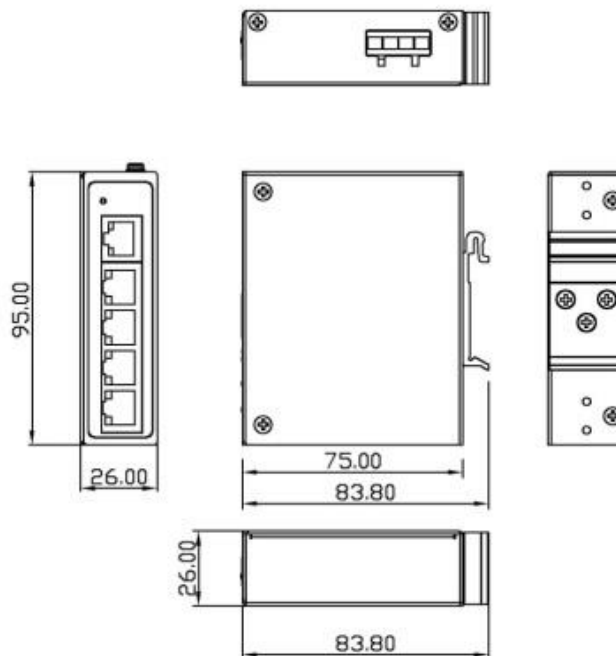
- ▶ Compact Industrial Grade Design
- ▶ Supports 5-Port 10/100/1000Tx RJ45 Gigabit Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Jumbo Frame Support: 10K
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power 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-C500G series** is a compact 5-port industrial gigabit unmanaged Ethernet switch. The small form factor of this metal IP30 rated design is 30% smaller allowing for more a versatile implementation. The LNX-C500G series is equipped with 5\*10/100/1000 RJ45 Ethernet ports; with a backplane speed of 10gbps. The LNX-C500G series can handle high bandwidth applications in tight spaces.

The LNX-C500G 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

<b>Technology</b>		<b>Mechanical Characteristics</b>	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet IEEE 802.3ab 1000Tx Gigabit Ethernet	<b>LED Indicator</b>	Per Unit: Power 1 & 2
<b>Switch Properties</b>		<b>Housing</b>	Metal IP30 rated
<b>Protocol</b>	CSMA/CD	<b>Dimensions</b>	26 x 95 x 75 mm
<b>Data Process</b>	Store and forward	<b>Weight</b>	Unit: 1.0 lbs; Shipping: 1.5 lbs
<b>Transfer Rate</b>	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port 1480000pps for 1000Base-T Gigabit Ethernet	<b>Mounting</b>	DIN-Rail; Wall-mount (optional)
<b>Packet Buffer</b>	1 Mbits	<b>Power Requirement</b>	
<b>MAC Table</b>	8K	<b>Input Voltage</b>	12~48VDC Redundant Input
<b>Jumbo Frame</b>	10K bytes	<b>Power Connection</b>	1 removable 4-contact terminal block
<b>Flow Control</b>	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	<b>Power Consumption</b>	6.6 Watts
<b>Port Interface</b>		<b>Environmental Limits</b>	
<b>Ethernet RJ45 Port</b>	5*10/100/1000BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Protection</b>		<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Overload Current</b>	Present	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Power Reverse Polarity</b>	Present (the unit will not be on, if power reverse)	<b>Regulatory Approvals</b>	
<b>Network Cable</b>	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. 1000Base-Tx 4-pair UTP/STP Cat. 5/5e/6 cable	<b>EMI</b>	FCC Class A
		<b>EMS</b>	EN6100-4-2,3,4,5,6,8
		<b>Free Fall</b>	IEC60068-2-32
		<b>Shock</b>	IEC60068-2-27
		<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant
		<b>Certifications</b>	FCC, CE, UL-61010-1, 61010-2-201 (Pending)
		<b>Compliance</b>	NEMA TS1/TS2
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-C500G</b>	Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx
<b>LNX-C500G-T</b>	Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx; EOT -40° to 75° C

### Optional Accessories

<b>DR-15-12</b>	15W Industrial DIN-Rail Power Supply, 12VDC
<b>MDR-20-24</b>	20W Industrial DIN-Rail Power Supply, 24VDC
<b>MDR-40-48</b>	40W Industrial DIN-Rail Power Supply, 48VDC
<b>MDR-60-48</b>	60W Industrial DIN-Rail Power Supply, 48VDC
<b>DR-75-48</b>	75W Industrial DIN-Rail Power Supply, 48VDC