

LNX-C500G Series

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



Features

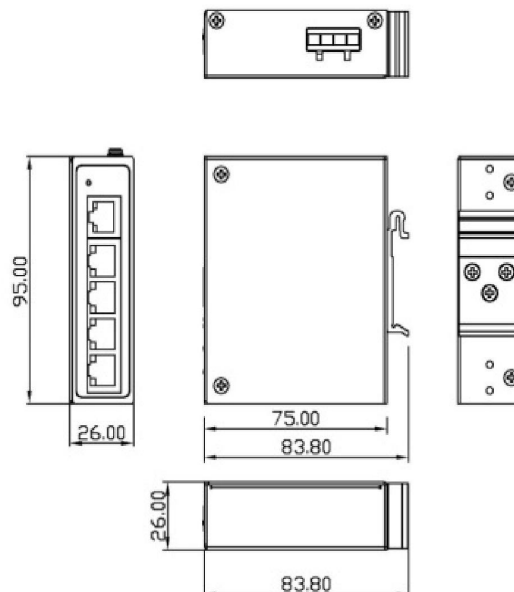
- ▶ Compact Industrial Grade Design
- ▶ Supports 5-Port 10/100/1000Tx RJ45 Gigabit Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Jumbo Frame Support: 10K
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power 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

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

ORDERING INFO

LNX-C500G	Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx
LNX-C500G-T	Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx; 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

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