

LNX-C501G-SFP Series

5-Port Industrial Compact Gigabit Unmanaged Ethernet Switch, 4*10/100/1000TX and 1*100/1000 SFP Slot



FEATURES

- ▶ Support 4*10/100/1000Tx and 1*100/1000 SFP Slot
- ▶ Adjustable SFP Speed with DIP-Switch Setting
- ▶ Store-and-Forward Switching Architecture
- ▶ Dual Power Input 12~48VDC in 6-Pin Terminal Block
- ▶ Support Power Inputs Reverse Polarity Protection
- ▶ IP40 Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ Operating Temperature - STD: -10°C to 65°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

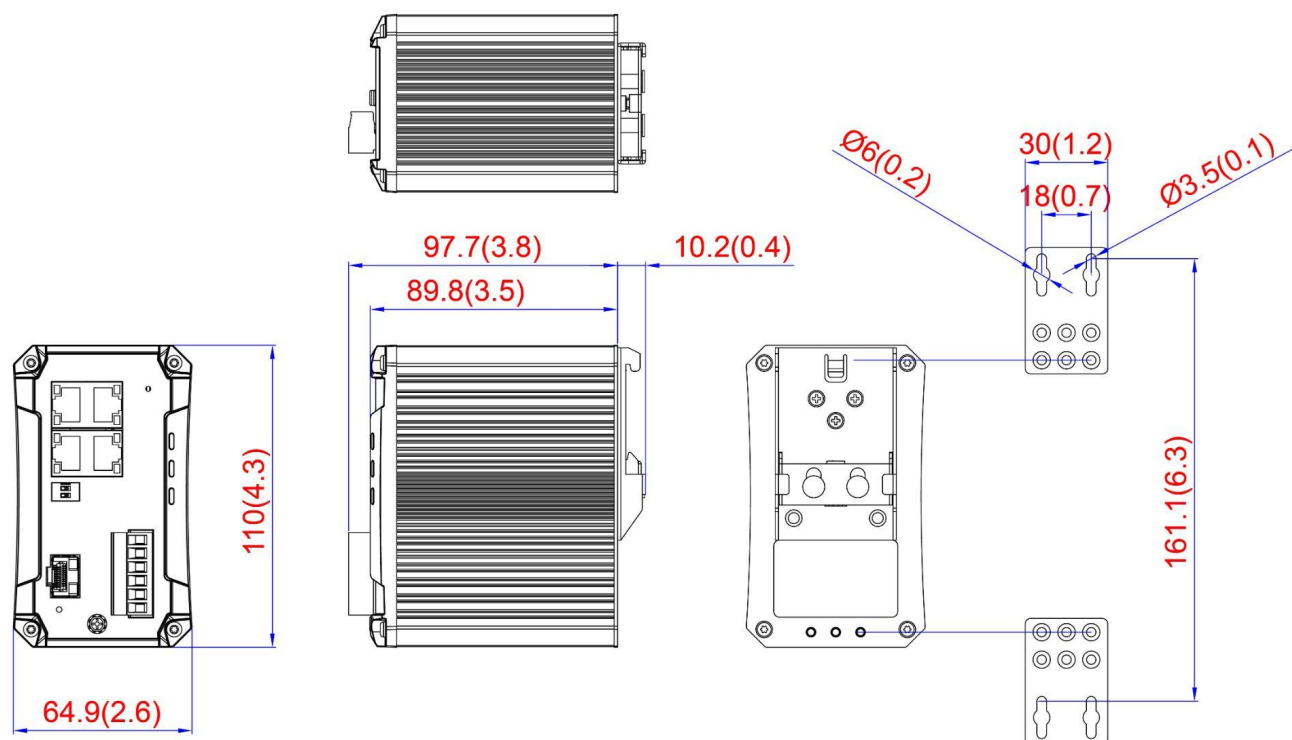


INTRODUCTION

Antaira Technologies' LNX-C501G-SFP Series is a 5-port industrial compact Gigabit unmanaged Ethernet switch embedded with 4*10/100/1000Tx Ethernet ports and 1*100/1000 dual rate SFP slot for fiber connection.

The LNX-C501G-SFP series is IP40 rated and DIN-rail mountable. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 65°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for industrial networking applications, such as power/utility, water wastewater, oil/gas/mining, factory automation, security surveillance, ITS, and any other outdoor or harsh environment.

DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

SPECIFICATIONS

TECHNOLOGY		MECHANICAL CHARACTERISTICS	
Standards	IEEE 802.3 10Base-T Ethernet	Housing	Metal, IP40 protection
	IEEE 802.3u 100Base-TX Fast Ethernet	Dimension	64.9 x 110 x 89.8 mm (W x H x D)
	IEEE 802.3ab 1000Base-T Gigabit Ethernet	Weight	Unit: 1.83 lb Shipping: 2.37 lb
	IEEE 802.3z 1000Base-X Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
SWITCH PROPERTIES		POWER REQUIREMENT	
Switch Architecture	Switching Fabric (Back-Plane): 10Gbps	Input Voltage	12~48VDC Redundant Input
Processing Type	Store and Forward	Power Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x flow control, back pressure flow control	Relay Contact	24VDC, 1A resistive
Protocol	CSMA/CD	Overload Current Protection	Present (Slow-Blown Fuse)
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet	Reverse Polarity Protection	Present
MAC Table Size	8K	System Power Consumption	4.6 Watts
Jumbo Frame	10Kbytes	ENVIRONMENTAL LIMITS	
Memory Buffer	1Mbit	Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
PORT INTERFACE		Storage Temperature	-40°C ~ 85°C
Ethernet Port	4*10/100/1000Base-TX, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Ambient Relative Humidity	5 to 95%, (non-condensing)
SFP Port	1*100/1000 SFP Slot	REGULATORY APPROVALS	
LED Indicators	System: Power 1, Power 2, Fault Ethernet ports: Speed/Link/Active SFP: Speed/Link/Active	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
DIP Switch	SFP Speed (1000Mbps/100Mbps)	EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat. 5/5E cable; EIA/TIA-568 100-ohm (100m)	Certifications	FCC, CE, UL61010-1, UL61010-2-201
		Warranty	5 Years

ORDERING INFORMATION

LNX-C501G-SFP	5-Port Compact Industrial Gigabit Unmanaged Ethernet Switch, 4*10/100/1000TX and 1*100/1000 SFP Slot
LNX-C501G-SFP-T	5-Port Compact Industrial Gigabit Unmanaged Ethernet Switch, 4*10/100/1000TX and 1*100/1000 SFP Slot; EOT: -40°C to 75°C