

LNx-0501G-SFP Series

5-Port Industrial Unmanaged Ethernet Switch, with
4*10/100/1000Tx and 1*100/1000 SFP Slot



Features

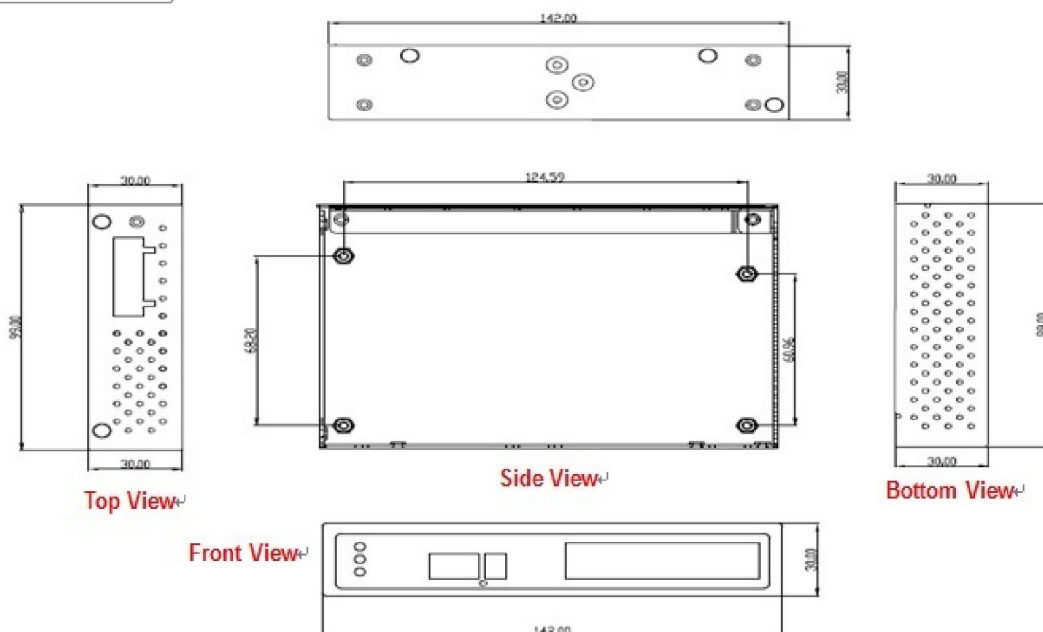
- ▶ Supports 4-Port 10/100/1000Tx and 1*100/1000 Dual Rate SFP Slot (for fiber)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Jumbo Frame 9.6Kbytes Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ IEEE 802.3az Energy Efficient Ethernet Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ 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-0501G-SFP series industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 4*10/100/1000Tx + 1*100/1000 SFP slot for fiber, making it ideal for applications that demand high bandwidth and long-distance communication. Plus, it is designed with IEEE 802.3az that supports energy efficient Ethernet to help reduce power consumption by 50% or more.

This series provides a high EFT and ESD protection that has a dual power input having a reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports -40° to 75°C. The LNx-0501G-SFP series is an ideal solution for harsh outdoor weather environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Standards	IEEE 802.3 10BaseTx Ethernet	Input Voltage	12~48VDC, Redundant Input
	IEEE 802.3u 100BaseTx Fast Ethernet	Power Connection	1 removable 6-contact terminal block
	IEEE 802.3ab 1000BaseTx Gigabit Ethernet	Reverse Polarity Protection	Present
	IEEE 802.3z Gigabit Fiber	Overload Current Protection	Present
	IEEE 802.3az Energy Efficient Ethernet	Power Consumption	5 Watts
Processing Type	Store-and-Forward	Environmental Limits	
Protocol	CSMA/CD	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Flow Control	IEEE 802.3x back pressure flow control	Storage Temperature	-40°~85°C
Switch Properties		Ambient Relative Humidity	5 to 95%, (Non-condensing)
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Regulatory Approvals	
Memory Buffer	4Mbps (default)	EMI	FCC Class A
Jumbo Frame	9.6K	EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
MAC Table Size	8K	Free Fall	IEC60068-2-32
Interface		Shock	IEC60068-2-27
Ethernet Port	4*RJ45 Ports w/10/100/1000Tx	Vibration	IEC60068-2-6
Fiber Port	1*100/1000 SFP Slot	Green	RoHS Compliant
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5	Certifications	FCC, CE, UL 61010-1, 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
	100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E	Warranty	5 Years
Mechanical Characteristics			
Housing	Metal, IP30 protection		
Dimensions	30 x 99 x 142 mm		
Weight	Unit: 1.0 lb Shipping: 1.5 lbs		
Mounting	DIN-Rail, Wall mounting (Optional)		

ORDERING INFO

LNX-0501G-SFP	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot
LNX-0501G-SFP-T	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot, EOT: -40° to 75°C

Optional Accessories

DR-15-24	15W Industrial DIN-Rail Power Supply, 24VDC
DR-45-24	45W Industrial DIN-Rail Power Supply, 24VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC

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