

LNx-0601G-SFP Series

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



Features

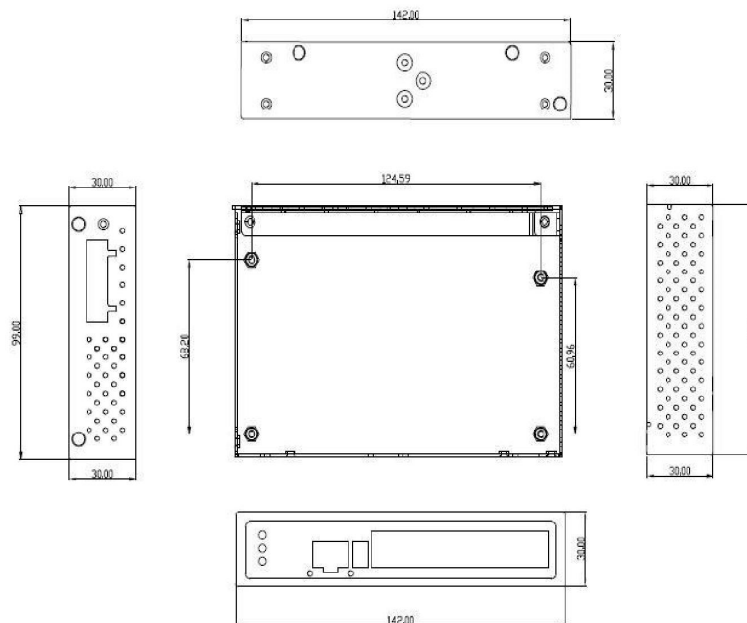
- ▶ Supports 5-Port 10/100/1000Tx and 1*100/1000 Dual Rate SFP Slot (for fiber)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Jumbo Frame 9.6Kbytes Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ 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-0601G-SFP series industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 5*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 with 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	6.9 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	5*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	Warranty	5 Years
	1000Base Tx: 2-pair UTP/STP Cat. 5/5E		
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-0601G-SFP	6-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx and 1*100/1000 SFP Slot
LNx-0601G-SFP-T	6-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx and 1*100/1000 SFP Slot; EOT: -40° to 75°C

Optional Accessories	
DR-15-24	15 Watt Industrial Single Output DIN Rail Power Supply - 24 VDC / 0.63 Amps
DR-45-24	45 Watt Series Industrial Single Output DIN Rail Power Supply - 24 VDC / 2.0 Amps
DR-75-48	75 Watt Industrial Single Output DIN Rail Power Supply - 48 VDC / 1.6 Amps
MDR-60-48	60 Watt Industrial Slim Single Output DIN Rail Power Supply - 48 VDC / 1.25 Amps

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