

# LNx-0601G-SFP Series

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



## Features

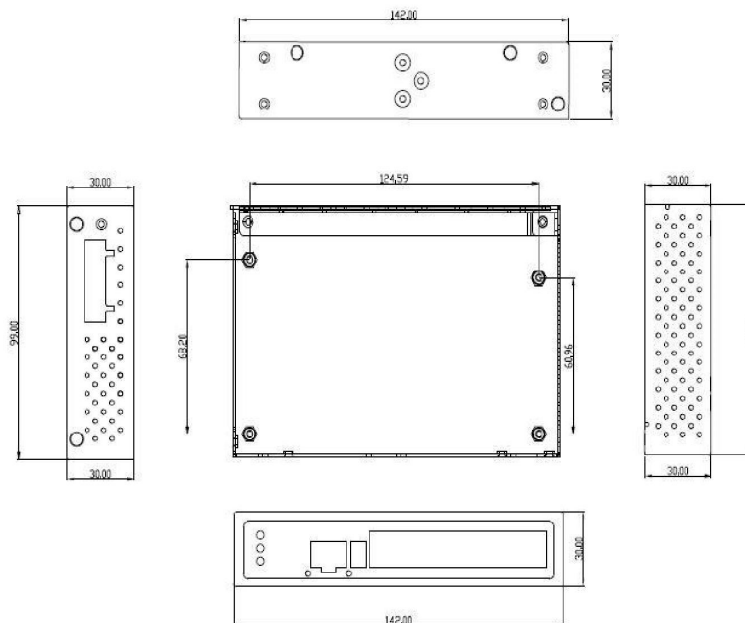
- ▶ Supports 5-Port 10/100/1000Tx and 1\*100/1000 Dual Rate SFP Slot (for fiber)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Jumbo Frame 9.6Kbytes Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ 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	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet	<b>Input Voltage</b>	12-48VDC, Redundant Input
	IEEE 802.3u 100BaseTx Fast Ethernet	<b>Power Connection</b>	1 removable 6-contact terminal block
	IEEE 802.3ab 1000BaseTx Gigabit Ethernet	<b>Reverse Polarity Protection</b>	Present
	IEEE 802.3z Gigabit Fiber	<b>Overload Current Protection</b>	Present
	IEEE 802.3az Energy Efficient Ethernet	<b>Power Consumption</b>	6.9 Watts
<b>Processing Type</b>	Store-and-Forward	Environmental Limits	
<b>Protocol</b>	CSMA/CD	<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Storage Temperature</b>	-40°~85°C
Switch Properties		<b>Ambient Relative Humidity</b>	5 to 95%, (Non-condensing)
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Regulatory Approvals	
<b>Memory Buffer</b>	4Mbps (default)	<b>EMI</b>	FCC Class A
<b>Jumbo Frame</b>	9.6K	<b>EMS</b>	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
<b>MAC Table Size</b>	8K	<b>Free Fall</b>	IEC60068-2-32
Interface		<b>Shock</b>	IEC60068-2-27
<b>Ethernet Port</b>	5*RJ45 Ports w/10/100/1000Tx	<b>Vibration</b>	IEC60068-2-6
<b>Fiber Port</b>	1*100/1000 SFP Slot	<b>Green</b>	RoHS Compliant
<b>Network Cable</b>	10Base Tx: 2-pair UTP/STP Cat. 3,4,5	<b>Certifications</b>	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	<b>Warranty</b>	5 Years
	1000Base Tx: 2-pair UTP/STP Cat. 5/5E		
Mechanical Characteristics			
<b>Housing</b>	Metal, IP30 protection		
<b>Dimensions</b>	30 x 99 x 142 mm		
<b>Weight</b>	Unit: 1.0 lb Shipping: 1.5 lbs		
<b>Mounting</b>	DIN-Rail, Wall mounting (Optional)		

## ORDERING INFO

<b>LNX-0601G-SFP</b>	6-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100/1000Tx and 1*100/1000 SFP Slot
<b>LNX-0601G-SFP-T</b>	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

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

## 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](mailto: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](mailto: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