

LNX-0501G-SFP Series

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



Features

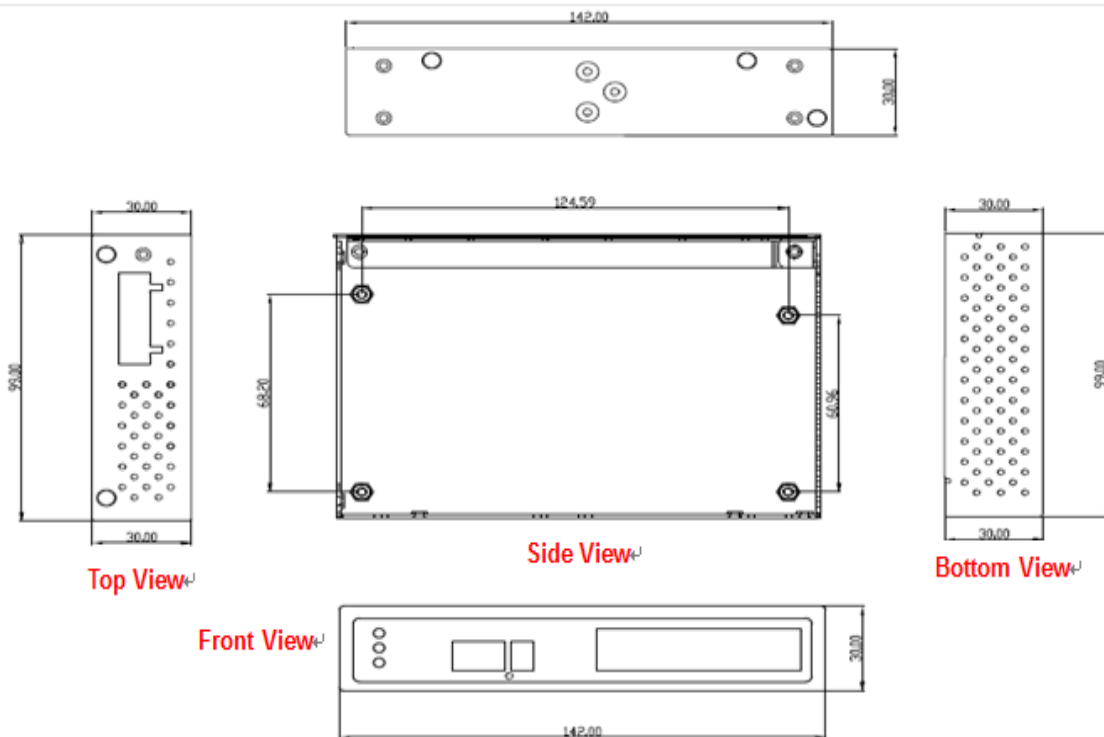
- ▶ Supports 4-Port 10/100/1000Tx and 1*100/1000 Dual Rate SFP Slot (for fiber)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 8K MAC Address Table
- ▶ Jumbo Frame 9.6Kbytes Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ 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 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

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|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology | |
| Standards | IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx Gigabit Ethernet IEEE 802.3z Gigabit Fiber IEEE 802.3az Energy Efficient Ethernet |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x back pressure flow control |
| Switch Properties | |
| Transfer Rate | 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port |
| Memory Buffer | 4Mbps (default) |
| Jumbo Frame | 9.6K |
| MAC Table Size | 8K |
| Interface | |
| Ethernet Port | 4*RJ45 Ports w/10/100/1000Tx |
| Fiber Port | 1*100/1000 SFP Slot |
| Network Cable | 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E |
| Power Requirements | |
| Input Voltage | 12~48VDC, Redundant Input |
| Overload Current Protection | Present |
| Connection | 1 removable 6-contact terminal block |
| Reverse Polarity Protection | Yes |
| Power Consumption | 5 Watts |

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|-----------------------------------|------------------------------------------|
| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimensions | 30 x 99 x 142 mm (W*D*H) |
| Weight | Unit 1.0lb. ; Shipping Weight 1.5 lbs. |
| Mounting | DIN-Rail, wall mounting (optional) |
| Environmental Limits | |
| Operating Temperature | STD: -10° to 70° C EOT: -40° to 75° C |
| Storage Temperature | -40°C ~ 85°C |
| Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Regulatory Approvals | |
| EMI | FCC Class A |
| EMS | EN61000-4-2,3,4,5,6,8 EN61000-6-2,4 |
| Free Fall | IEC60068-2-32 |
| Shock | IEC60068-2-27 |
| Vibration | IEC60068-2-6 |
| Green | RoHS Compliant |
| Certifications | FCC, CE, UL 508 (Pending) |
| Warranty | 5 Years |

ORDERING INFO

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|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| 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 75C |
| 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 |