

LNX-800AG Series

8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx



Features

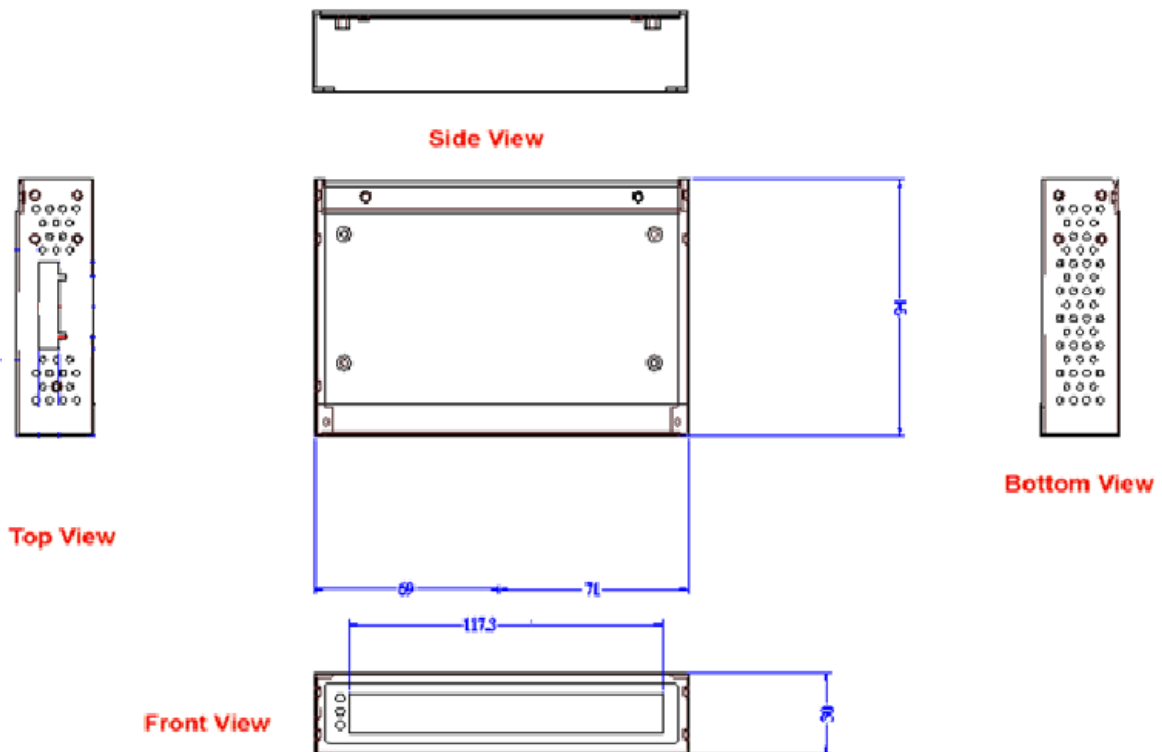
- ▶ Supports 8-Port 10/100/1000Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input 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-800AG industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 8*10/100/1000Tx, making it ideal for applications that demand a high bandwidth connectivity solution.

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-800AG series is an ideal solution for harsh outdoor weather environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

| | |
|------------------------------------|---|
| Technology | |
| Standards | IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az Gigabit Fiber |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x back pressure flow control |
| Switch Properties | |
| Switch Architecture | Back-Plane (Switching Fabric): 10Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port |
| Transfer Rate | |
| Memory Buffer | 131 Kbits |
| Jumbo Frame | 9.6Kbytes |
| MAC Table Size | 8K |
| Interface | |
| Ethernet Port | 8*10/100/1000Tx RJ45 |
| Fiber Port | - |
| 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 | 7.5 Watts |

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|-----------------------------------|---|
| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimensions | 30 x 95 x 142 mm (W*D*H) |
| Weight | Unit: 1.0 lbs.; 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 |
| Warranty | 5 Years |

ORDERING INFO

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|--------------------|---|
| LNX-800AG | 8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx |
| LNX-800AG-T | 8-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx ; EOT: -40° to 75°C |

Optional Accessories

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|------------------|---|
| MDR-10-24 | 10W Industrial Din Rail Power Supply, 24VDC |
| DR-15-24 | 15W Industrial Din Rail Power Supply, 24VDC |
| DR-45-24 | 45W Industrial Din Rail Power Supply, 24VDC |
| DR-75-48 | 75W Industrial Din Rail Power Supply, 48VDC |