

ANT LNX-0501-M Series

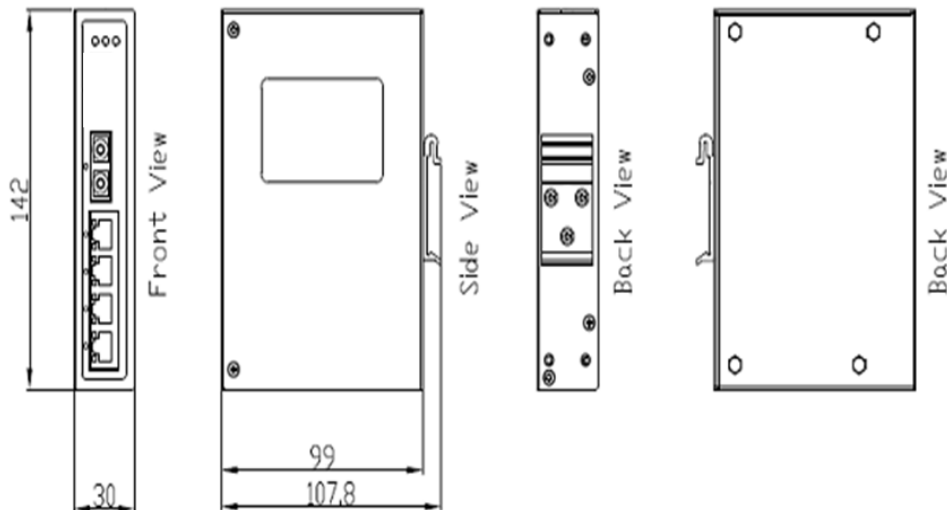
5-port Industrial Unmanaged Ethernet Switch



Features

- Network Broadcast Storm Protection
- 4-Port 10/100Tx Fast Ethernet
- 1-Port 100Fx SC/ST Type Connector (Multi / Single Mode)
- Supports Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- 2K 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 Port Break Alarm
- 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

DIMENSIONS



ANT LNX-0501-M Series

SPECIFICATIONS

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|------------------------------------|--|
| Technology | |
| Standards | IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3x Flow Control and Back-Pressure |
| Processing Type | Store-and-Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x flow control, back pressure flow control |
| Switch Properties | |
| Switch Architecture | Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes |
| Transfer Rate | 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port |
| MAC Table Size | 2K |
| Interface | |
| Ethernet Port | 10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 4*10/100Tx |
| Fiber Port | 1*100Fx SC/ST type connector Multi-mode (2Km) - 50/125um ~ 62.5/125um, Single-mode (30Km) - 9/125um ~ 10/125um |
| Fiber Wavelength | 1310nm (Multi-Mode and Single-Mode) |
| Power Requirement | |
| Input Voltage | 12~48VDC, Redundant Input |
| Power Connection | 1 removable 6-contact terminal block |
| Reverse Polarity Protection | Yes |
| Overload Current Protection | Slow-Blown Fuse |
| Power Consumption | 6.5 Watts |

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| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimensions | 30 x 142 x 99 mm |
| Weight | Unit: 1.1 lbs. Shipping: 1.45 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 Shock | IEC60068-2-32 IEC60068-2-27 |
| Vibration | IEC60068-2-6 |
| Green | RoHS Compliant |
| Certifications | FCC, CE, UL 508, UL Class 1 Division 2 |
| Warranty | 5 Years |

ORDERING INFO

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|-----------------------------|---|
| LNX-0501-M | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Multi-Mode Fiber (2Km), SC Connector |
| LNX-0501-M-T | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Multi-Mode Fiber (2Km), SC Connector; EOT: -40° to 75°C |
| LNX-0501-ST-M | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Multi-Mode Fiber (2Km), ST Connector |
| LNX-0501-ST-M-T | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Multi-Mode Fiber (2Km), ST Connector; EOT: -40° to 75°C |
| LNX-0501-S3 | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Single-Mode Fiber (30Km), SC Connector |
| LNX-0501-S3-T | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Single-Mode Fiber (30Km), SC Connector; EOT: -40° to 75°C |
| LNX-0501-ST-S3 | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Single-Mode Fiber (30Km), ST Connector |
| LNX-0501-ST-S3-T | 5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 1*100Fx Single-Mode Fiber (30Km), ST Connector; EOT: -40° to 75°C |
| Optional Accessories | |
| DR-45-24 | 45W Industrial DIN-Rail Power Supply |