

LNX-1204G-10G-SFP

12-Port Industrial Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx, 2*1G SFP Slots, and 2*10G SFP+ Slots



Features

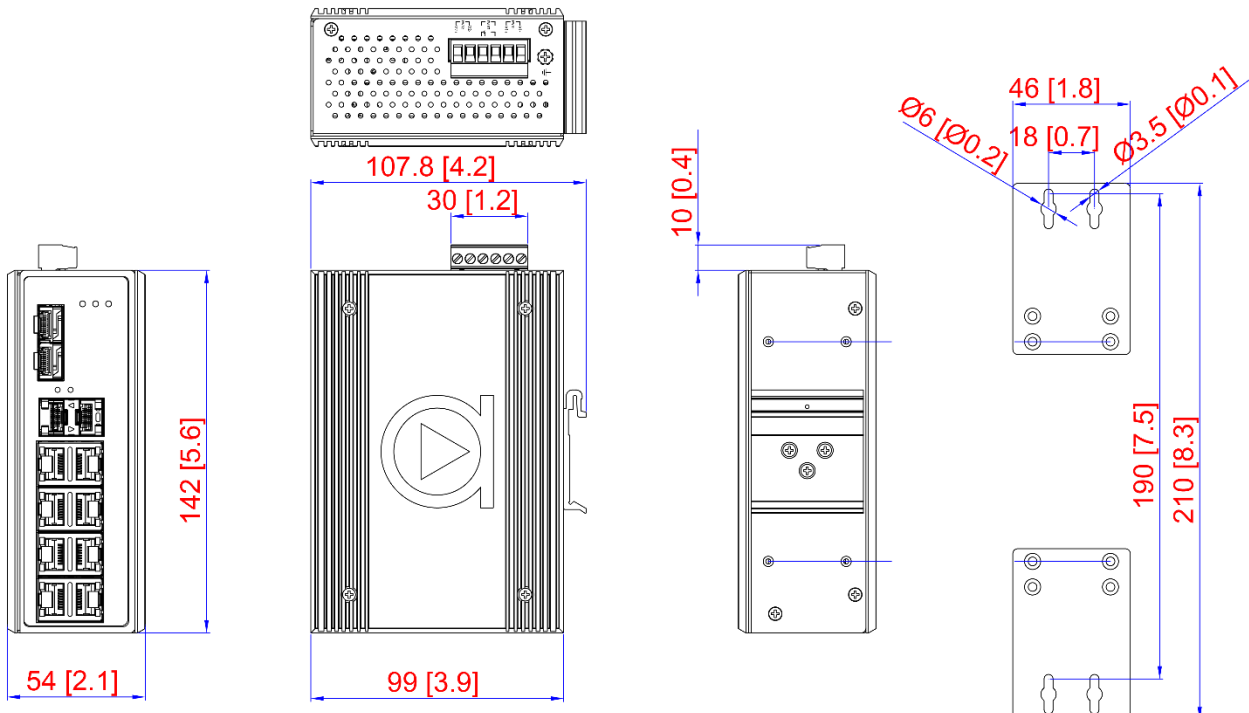
- ▶ Supports 8*10/100/1000Tx, 2*1G SFP Slots, and 2*10G SFP+ Slots
- ▶ Store-and-Forward Switching Architecture
- ▶ 60Gbps Back-Plane (Switching Fabric)
- ▶ 16K MAC Address Table
- ▶ 10Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support Included
- ▶ Operating Temperature Range: -40°C~65°C
- ▶ 5-Year Warranty

INTRODUCTIONS

Antaira Technologies' LNX-1204G-10G-SFP are industrial gigabit unmanaged Ethernet switches featuring 8*10/100/1000Tx Gigabit Ethernet ports, 2*1G SFP slots, and 2*10G SFP+ slots which provide options for long-distance fiber connections, making it ideal for applications that demand high bandwidth and long-distance communication.

The LNX-1204G-10G-SFP are IP30 rated and DIN-rail mountable. These Ethernet switches are designed to support an operating temperature range from -40° to 65°C and are perfect industrial networking products to support any applications that require high bandwidth or high-density connections, such as power/utility, water wastewater treatment, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

SPECIFICATIONS

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| Technology | |
| Standards | IEEE 802.3 10Tx Ethernet |
| | IEEE 802.3u 100Tx Fast Ethernet |
| | IEEE 802.3ab 1000Tx Gigabit Ethernet |
| | IEEE 802.3z 1000X Gigabit Fiber |
| | IEEE 802.3ae 10 Gigabit Ethernet |
| 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): 60.0Gbps 14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 1,488,000pps for 1000Base-T Gigabit Ethernet |
| Transfer Rate | 14,880,000pps for 10 Gigabit Ethernet Port |
| Packet Buffer | 8Mbits |
| Jumbo Frame | 10Kbytes |
| MAC Table Size | 16K |
| Port Interface | |
| Ethernet Port | 8*10/100/1000Tx Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection |
| SFP Port | 2*1G SFP slots 2*10G SFP+ slots |
| LED Indicators | System: Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data transmitting SFP: On-Link/Flash-data transmitting |
| Network Cable | 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: 4-pair UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m) |

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| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimension | 54 x 142 x 99 mm |
| Weight | Unit: 2.35 lbs.; Shipping: 2.97 lbs. |
| Mounting | DIN-Rail mounting, Wall mounting |
| Power Requirement | |
| Input Voltage | 12~48VDC Redundant Input |
| Power Connection | 1 removable 6-contact terminal block |
| Relay Contact | 24VDC, 1A resistive |
| Overload Current Protection | Present |
| Power Reverse Polarity Protection | Present |
| System Power Consumption | 11.3W |
| Environmental Limits | |
| Operating Temperature | -40°C to 65°C |
| Storage Temperature | -40°C ~ 85°C |
| Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Regulatory Approvals | |
| EMI | FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A |
| EMS | CE EN55035/EN61000-6-2 Class A, IEC61000-4-2,3,4,5,6,8 |
| Free Fall | IEC60068-2-32 |
| Shock | IEC60068-2-27 |
| Vibration | IEC60068-2-6 |
| Green | RoHS Compliant |
| Certifications | FCC, CE, UL 61010-1, 61010-2-201 |
| Warranty | 5 Years |

ORDERING INFO

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