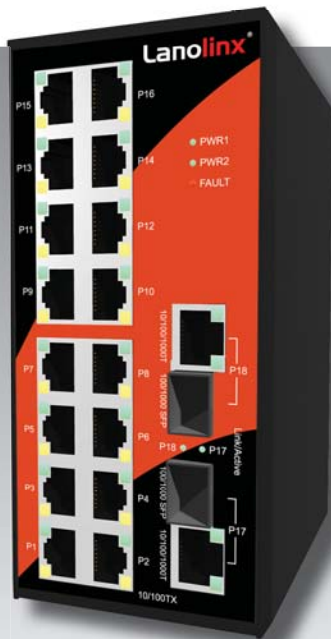


Lanolinx LNX-1802G

16-Port 10/100BaseTX + 2-Port 10/100/1000T/Mini-GBIC Combo Industrial Switch

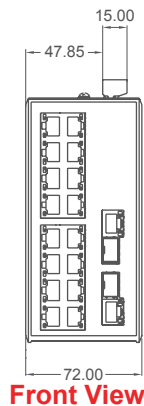


Features

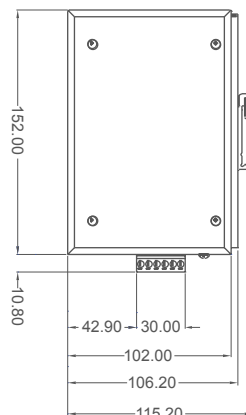
- ▶ 16-Port 10/100TX + 2-Port 10/100/1000T/Mini-GBIC Combo
- ▶ 7.2 Gbps Back-Plane (Switching Fabric)
- ▶ Store-and-Forward Switching Architecture
- ▶ 1 Mbits Packet Buffer
- ▶ 8K MAC Address Table
- ▶ Wide-Range Redundant Power Design
- ▶ Provides EFT Protection 3000 VDC for Power Line
- ▶ Supports 6000 VDC Ethernet ESD Protection
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail or Panel Mountable for Easy Installation
- ▶ 5-Year Warranty



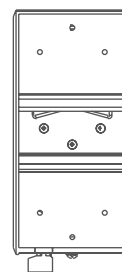
▶ Dimensions (unit = mm)



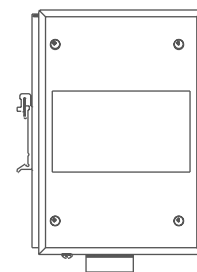
Front View



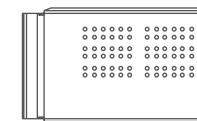
Side View



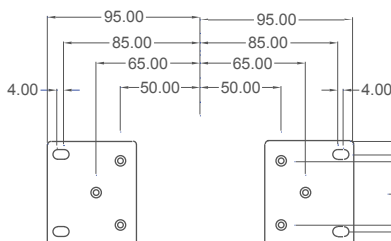
Back View



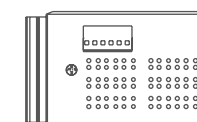
Side View



Bottom View



Back Plates



Top View

► Specifications

Standard

IEEE 802.3 10BaseT Ethernet
IEEE 802.3u 100BaseTX
IEEE 802.3ab 1000BaseT
IEEE 802.3z Gigabit Fiber
IEEE 802.3x Flow Control and Back-Pressure

Switch Architecture

Back-Plane (Switching Fabric): 7.2Gbps
Packet Throughput Ability (Full-Duplex): 10.7Mpps @ 64bytes

Transfer Rate

14,880pps for Ethernet Port
148,800pps for Fast Ethernet Port
1,488,000pps for Gigabit Fiber Ethernet Port

Packet Buffer

1 Mbits

MAC Address

8K MAC Address Table

Interface

10/100TX: 16 x RJ-45
10/100/1000T/Mini-GBIC Combo: 2 x RJ-45 + 2 x 100/1000 SFP Sockets

Network Cable

10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable
EIA/TIA-568 100-ohm (100m)
100BaseTX: 2-pair UTP/STP Cat. 5 cable
EIA/TIA-568 100-ohm (100m)

Optical Cable

LC (Multi-Mode): 50/125µm ~ 62.5/125µm
LC (Single-Mode): 9/125µm ~ 10/125µm

Protocol

CSMA/CD

LED

Unit: Power 1, Power 2, Fault
10/100 TX: Link/Activity, Full-Duplex/Collision
Gigabit Copper: Link/Activity, Speed
SFP: Link/Activity

Reverse Polarity Protection

Present

Overload Current Protection

Present

Power Supply

DC 12 ~ 48V, Redundant Power with Polarity Reverse Protect Function and Connective Removable Terminal Block

Power Consumption

9 Watts

Operation Temperature

Standard: -10° C to 70° C (14° F to 158° F)
Wide Operating Temperature: -40° to 80° C (-40° to 176° F)

Operation Humidity

5% to 95% (Non-condensing)

Storage Temperature

-40° C to 85° C

Mechanical

Casing: IP30 Metal Case, DIN-Rail/Wall Mountable
Dimension (W x H x D): 72 x 152 x 105 mm (2.83 x 4.13 x 5.98 in.)
Weight: 2.2 lbs. (Unit Weight), 3.3 lbs. (Shipping Weight)

EMI

FCC Class A,
CE EN6100-4-2, EN6100-4-3, EN6100-4-4, EN6100-4-5, EN6100-4-6,
EN6100-4-8, EN6100-4-11, EN6100-4-12, EN6100-6-2, EN6100-6-4

Safety

UL, cUL, CE EN60950-1

Stability Testing

Shock: IEC60068-2-27
Free Fall: IEC60068-2-32
Vibration: IEC60068-2-6

Warranty

5-Year Warranty

► Ordering Information

LNX-1802G

18-Port (16-port 10/100TX + 2-port 10/100/1000T/Mini-GBIC Combo) Gigabit Industrial Ethernet Switch, Unmanaged ***

LNX-1802G-T

18-Port (16-port 10/100TX + 2-port 10/100/1000T/Mini-GBIC Combo) Gigabit Industrial Ethernet Switch, Unmanaged, Wide Operating Temperature ***

*** SFP MODULES SOLD SEPARATELY ***

Optional Accessories

SFP-M

SFP Module, Multi-Mode, 550m

SFP-S10

SFP Module, Single-Mode, 10Km

DR-4524

45W 24VDC Industrial DIN Rail Power Supply

DR-75-24

75W 24VDC Industrial DIN Rail Power Supply

DR-120-24

120W 24VDC Industrial DIN Rail Power Supply

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