

# Lanolinx LNX-1802G

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

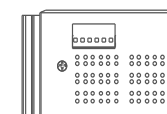
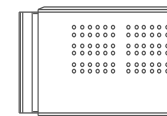
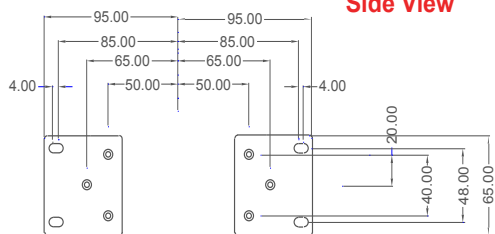
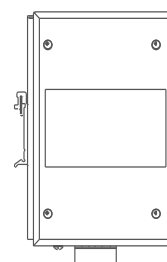
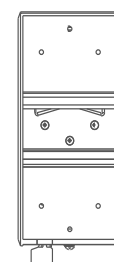
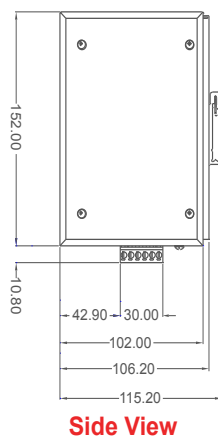
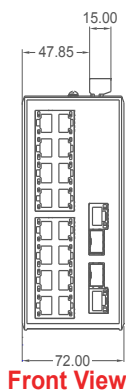


## Features

- ▶ 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)



## ► 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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