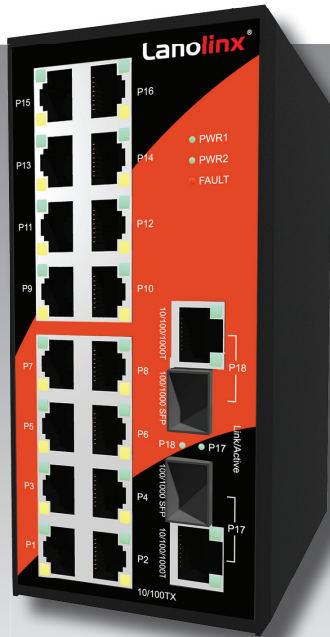


# Lanolinx LNX-1802G

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

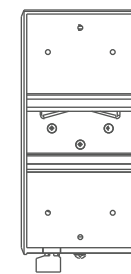
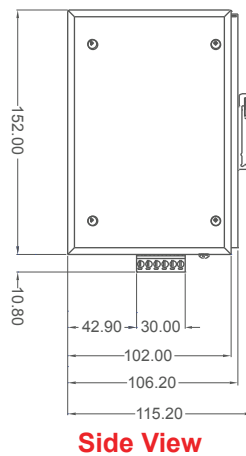
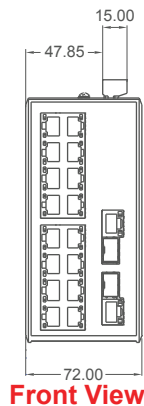


## Features

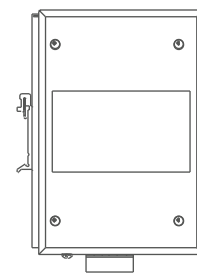
- ▶ 16-Port 10/100TX + 2-Port 10/100/1000T/Mini-GBIC Combo
- ▶ 7.2 Gbps Back-Plane (Switching Fabric)
- ▶ Store-and-Forward Switching Architecture
- ▶ 1 Mbits Packet Buffer
- ▶ 8K MAC Address Table
- ▶ Wide-Range Redundant Power Design
- ▶ Provides EFT Protection 3000 VDC for Power Line
- ▶ Supports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



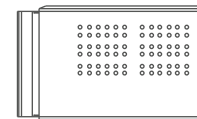
## ▶ Specifications



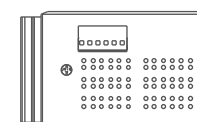
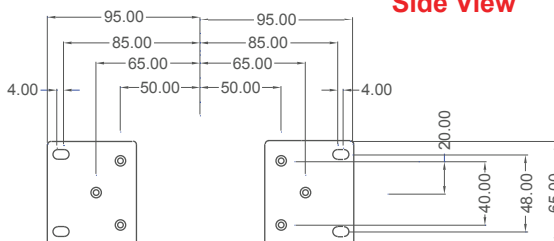
**Back View**



**Side View**



**Bottom View**



**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

### Antaira Technologies

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