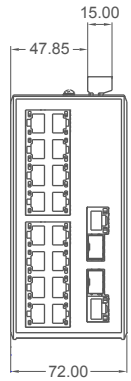
Lanolinx LNX-1802G

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

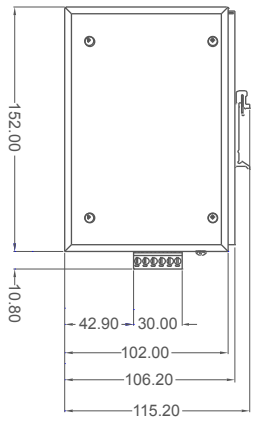
Features

- 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

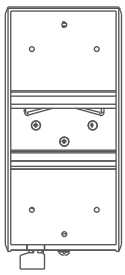
Dimensions (unit = mm)



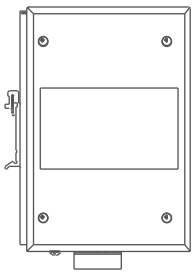
Front View



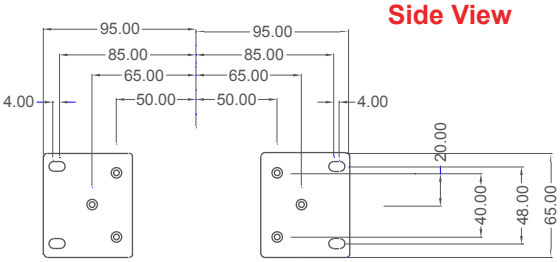
Side View



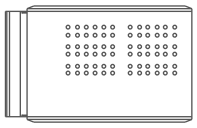
Back View



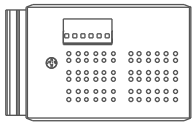
Side View



Back Plates



Bottom View



Top View

Aaxeon Technologies - 445 Capricorn Street, Brea, CA 92821 - Toll-Free: (877) AAXEON5 - Phone: (714) 671-9000 - FAX: (714) 671-9944 - e-Mail: info@aaxeon.com

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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