

# Lanolinx LNX-500AG

5-Port 10/100/1000T Slim Industrial Switch

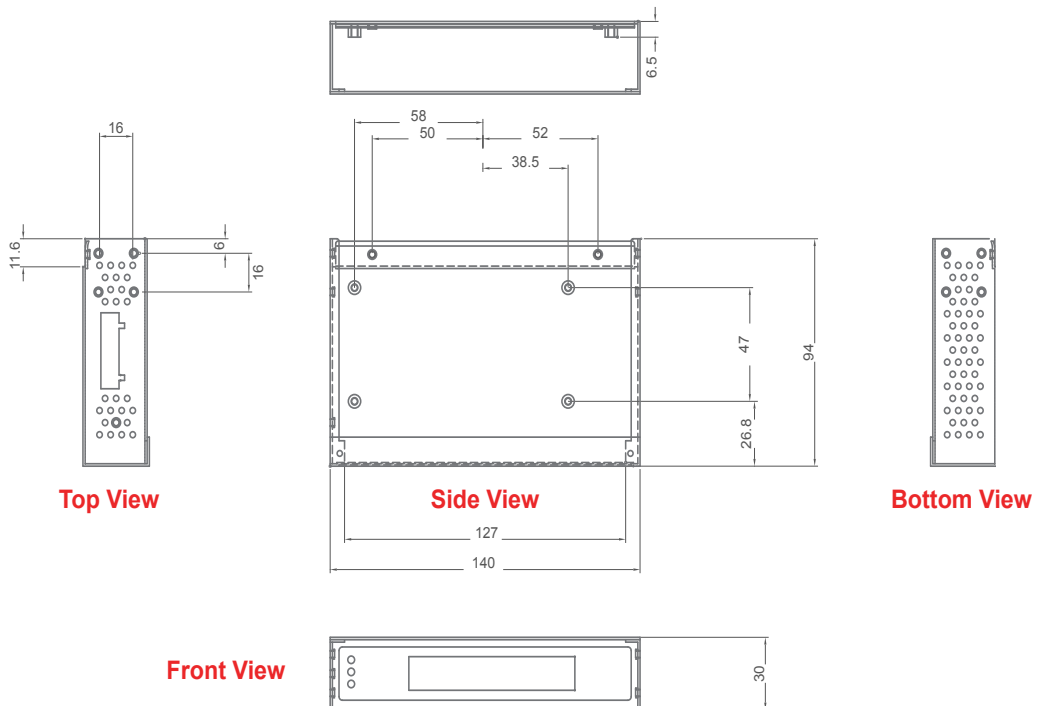


## Features

- ▶ RJ-45 Port Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 10Gbps Back-Plane (Switching Fabric)
- ▶ 136Kbits Memory Buffer
- ▶ 8K MAC Address Table
- ▶ 9Kbytes Jumbo Frame
- ▶ Wide-Range Redundant Power Design
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Supports 4000 VDC Ethernet ESD Protection
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Wall Mount Design
- ▶ 5-Year Warranty



## ▶ Dimensions (unit = mm)



## ► Specifications

### Standard

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

### Protocol

CSMA/CD

### Switch Architecture

Back-Plane (Switching Fabric): 10Gbps  
Packet Throughput Ability (Full-Duplex): 14.88Mpps @ 64bytes

### Transfer Rate

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

### Memory Buffer

136 Kbits

### MAC Address

8K MAC Address Table

### Jumbo Frame

9 Kbytes

### LED

Unit: Power 1, Power 2, Fault  
Port: Link/Activity, Speed

### Connector

10/100/1000T: 5 x RJ-45

### 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)

### Power Supply

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

### Power Consumption

5 Watts (Open Issue)

### Reverse Polarity Protection

Present

### Overload Current Protection

Present

### Mechanical

Casing: IP30 Metal Case  
Dimension (W x H x D): 30 x 140 x 95 mm (1.18 x 5.51 x 3.74 in.)  
Installation: DIN-Rail/Wall Mountable

### Weight

Unit Weight: 1 lbs.  
Shipping Weight: 1.5 lbs.

### 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

### 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-500AG

5-Port 10/100/1000T Slim Industrial Ethernet Switch

### LNX-500AG-T

5-Port 10/100/1000T Slim Industrial Ethernet Switch, Wide Operating Temperature

### Optional Accessories

#### 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

### Aaxeon Technologies

445 Capricorn St.  
Brea, CA 92821  
USA

Toll-Free: (877) AAXEON5 (229-3665)  
Phone: (714) 671-9000  
FAX: (714) 671-9944  
e-Mail: [info@aaxeon.com](mailto:info@aaxeon.com)

**aaxeon**  
[www.aaxeon.com](http://www.aaxeon.com)

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### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660