

# Lanolinx LNP-602AGH

4-Port 10/100/1000BaseT + 2-Port 1000 Mini-GBIC with 4 High-Power PoE Injector Industrial Switch

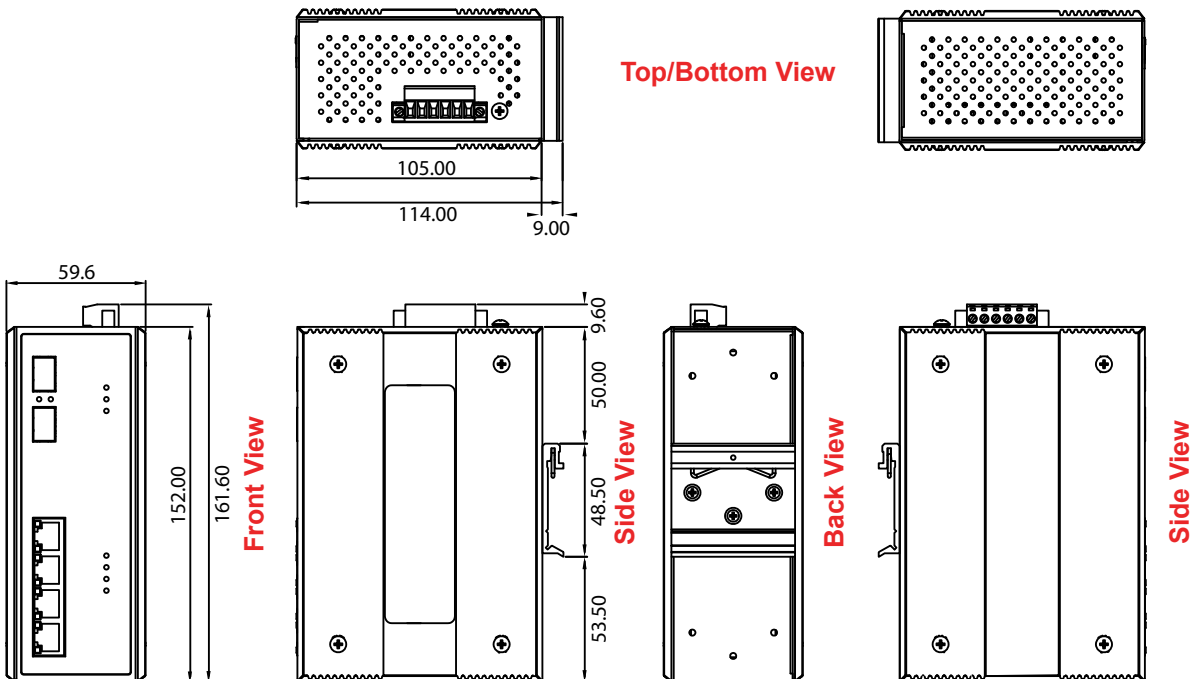


## Features

- ▶ Back-Plane (switching Fabric): 12 Gbps
- ▶ Embedded 4-Port PoE Injector Function
- ▶ Provides 30W@55V Power Output
- ▶ Redundant Power Design
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Wall Mount Design
- ▶ UL Class I, Division 2 Certified
- ▶ UL-508 Certified
- ▶ 5-Year Warranty



## ▶ Dimensions (unit = mm)



## ► Specifications

### Standard

IEEE 802.3  
IEEE 802.3u  
IEEE 802.3ab  
IEEE 802.3z  
IEEE 802.3x  
IEEE 802.3at

### Connector

10/100/1000T: 4 x RJ-45  
Mini-GBIC: 2 x 1000 SFP Sockets

### Switch Architecture

Back-Plane (Switching Fabric): 12Gbps  
Packet Throughput Ability (Full-Duplex): 17.85Mbps @ 64bytes

### Transfer Rate

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

### Packet Buffer

1Mbits

### MAC Address

8K MAC Address Table

### Protocol

CSMA/CD

### PoE Pin Assignment

RJ-45 Ports 1 - 4 Supports IEEE 802.3at End-Point, Alternative A Mode  
Provides 30W @ 55V Per Port Ability  
Positive (VCC+): RJ-45 Pin 1, 2  
Negative (VCC-): RJ-45 Pin 3, 6

### LED

Unit: Power 1, Power 2, P-Fail  
Port: Link/Activity, Speed  
Mini-GBIC: Link/Activity, PoE

### Power Supply

48VDC/2.5A, Redundant Power Input

### Power Budget

15.4W @ 48V per port  
30W @ 55V per port

### Power Consumption

5.5 Watts (Ethernet Only)

### Mechanical

Casing: IP30 Metal Case  
Dimension (W x H x D): 59.6 x 152 x 105 mm (2.35 x 5.98 x 4.13 in.)  
Installation: DIN-Rail/Wall Mountable

### Operation Humidity

5% to 95% (Non-condensing)

### Operation Temperature

Standard: -10° to 60° C  
Wide Operating Temperature: -40° to 75° C

### 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/EN6100-6-2/EN6100-6-4

### Safety

UL/cUL-508, Class I / Division 2, Groups A, B, C, and D

### Stability Testing

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

### Warranty

5-Year Warranty

## ► Ordering Information

LNP-602AGH  
LNP-602AGH-T

4-Port 10/100/1000BaseT + 2-Port Mini-GBIC w/ 4 High-Power PoE Injector Industrial Ethernet Switch  
4-Port 10/100/1000BaseT + 2-Port Mini-GBIC w/ 4 High-Power PoE Injector Industrial Ethernet Switch, Wide Operating Temperature

### Optional Accessories

DR-75-48  
DR-120-48

75W 48VDC Industrial DIN Rail Power Supply  
120W 48VDC Industrial DIN Rail Power Supply

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