

# Lanolinx LNP-600/602N

Industrial 6-Port Managed PoE Ethernet Switch

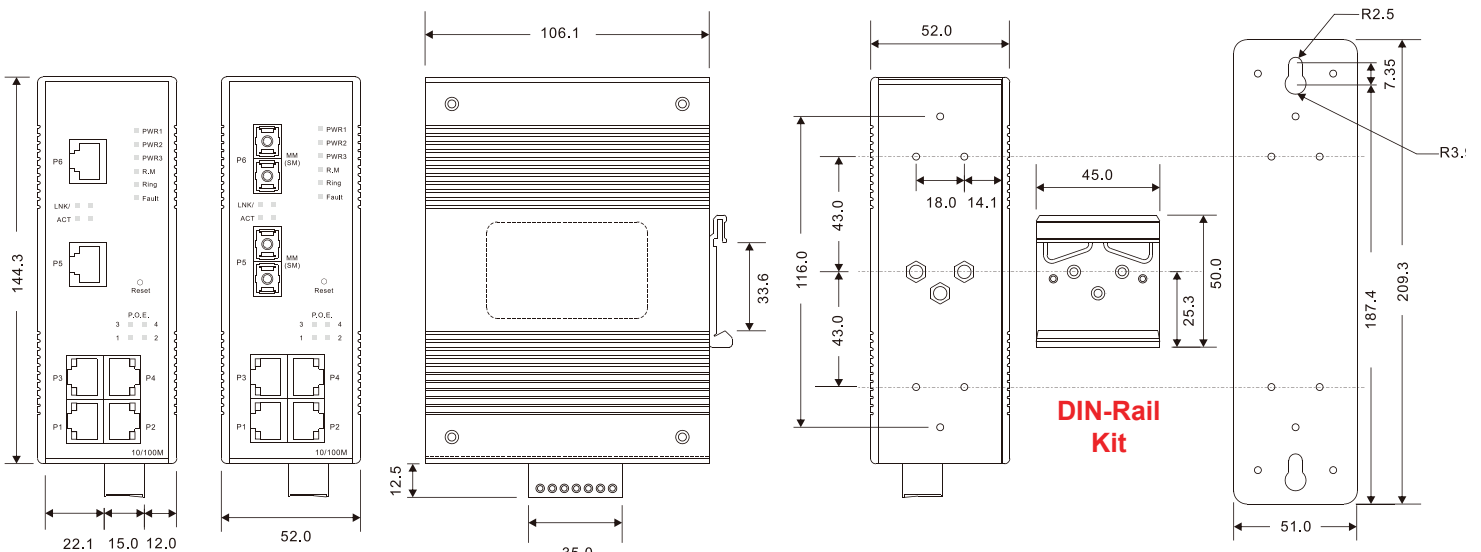


## Features

- ▶ Ring Redundancy (recovery time < 10ms), RSTP/STP (IEEE 802.1w/D)
- ▶ Event Notification Through Syslog, Email, and SNMP Trap
- ▶ Web-based Configuration
- ▶ Triple Redundant DC Power Inputs
- ▶ 4 Ports Support PSE Based on IEEE 802.3af Standards (Up to 25W per Port)
- ▶ Supports 10/100BaseT(X) and 100BaseFX (LNP-602N Model)
- ▶ Wide Operating Temperature Models Available (- 40° ~ 70° C)
- ▶ Rigid IP-30 Housing Design
- ▶ DIN-Rail & Panel Mounting Enabled
- ▶ 5-Year Warranty



## ▶ Specifications



Front View

Side View

Back View

Wall-Mount Kit

## ► Specifications

### Physical Ports

LNP-600N  
4 x 10/100BaseT(X) Ports in RJ45 Auto MDI/MDIX w/PSE  
2 x 10/100BaseT(X) Ports in RJ45 Auto MDI/MDIX w/o PSE  
LNP-602N-MM  
4 x 10/100BaseT(X) Ports in RJ45 Auto MDI/MDIX w/PSE  
2 x 100BaseFX Multi-Mode Ports (2KM, 1310nm, SC Connector)  
LNP-602N-SS30  
4 x 10/100BaseT(X) Ports in RJ45 Auto MDI/MDIX w/PSE  
2 x 100BaseFX Single-Mode Ports (30KM, 1310nm, SC Connector)

### Ethernet Standards

IEEE 802.3 for 10BaseT  
IEEE 802.3u for 100BaseT(X) and 100BaseFX  
IEEE 802.3x for Flow Control  
IEEE 802.1D for STP (Spanning Tree Protocol)  
IEEE 802.1w for RSTP (Rapid Spanning Tree Protocol)  
IEEE 802.1ab for LLDP (Link Layer Discovery Protocol)  
IEEE 802.3af PoE Specification (Up to 25 Watts per Port for PSE)

### MAC Table

8192 MAC Addresses

### Priority Queues

4

### Processing

Store-and-Forward

### Switch Properties

Switching Bandwidth: 1.0 Gbps  
VLAN: Port Based

### Network Redundancy

Ring, STP, RSTP

### Security Features

Enable/Disable Ports  
VLAN to Segregate and Secure Network Traffic

### Software Features

STP/RSTP (IEEE 802.1D/w)  
Redundant Ring with Recovery Time < 10ms over 250 Units  
Port Configuration, Status, Statistics, Monitoring, Security

### LED Indicators

Power, Ring, Ring Master, Fault, 10/100TX RJ45 Port, Fiber

### Fault Contact Relay

Relay Output to Carry Capacity of 1A at 24VDC

### Redundant Input Power

Triple DC Inputs, 48VDC on 7-Pin Terminal Block and Power Jack

### Power Consumption

LNP-600N: 5 Watts (Typ.), 105 Watts (Full Load with PoE)  
LNP-602N: 7 Watts (Typ.), 107 Watts (Full Load with PoE)

### Overload Current Protection

Present

### Reverse Polarity Protection

Present on Terminal Block

### Mechanical

Enclosure: IP-30  
Dimension (W x D x H): 52 x 106.1 x 144.3 mm (2.05 x 4.18 x 5.68 in.)  
Weight: 696g (LNP-600N), 709g (LNP-602N)

### Storage Temperature

-40 ~ 85° C (-40 ~ 185° F)

### Operating Temperature

Standard Model: -10 ~ 60° C (14 ~ 140° F)  
Wide Temperature Model: -40 ~ 70° C (-40 ~ 158° F)

### Humidity

5 ~ 95% Non-condensing

### EMI

FCC Part 15, CISPR (EN55022) Class A

### EMS

EN61000-4-2 (ESD)  
EN61000-4-3 (RS)  
EN61000-4-4 (EFT)  
EN61000-4-5 (Surge)  
EN61000-4-6 (CS)  
EN61000-4-8  
EN61000-4-11

### Shock

IEC60068-2-27

### Free Fall

IEC60068-2-32

### Vibration

IEC60068-2-6

### Safety

IEC60950

### Warranty

5-Year Warranty

## ► Ordering Information

### LNP-600N

Industrial 6-Port Managed PoE Switch with 6 x 10/100TX

### LNP-602N-MM

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (Multi-Mode), 2KM

### LNP-602N-SS30

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (Single-Mode), 30KM

### LNP-602N-MS3

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (1 x Multi-Mode/1 x Single-Mode), 30KM

### LNP-602N-MM-T

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (Multi-Mode), 2KM, Wide Temperature

### LNP-602N-SS30-T

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (Single-Mode), 30KM, Wide Temperature

### LNP-602N-MS3-T

Industrial 6-Port Managed PoE Switch with 4 x 10/100TX & 2 x 100FX (1 x Multi-Mode/1 x Single-Mode), 30KM, Wide Temperature

## Optional Accessories

### DR-75-48

75W 48VDC Industrial DIN Rail Power Supply

### DR-120-48

120W 48VDC Industrial DIN Rail Power Supply

## Antaira Technologies

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