

LNP-2602G-SFP Series

26-Port Industrial 1U 19 Inch Rackmount Gigabit PoE+ Unmanaged Ethernet Switch, 24*10/100/1000TX (30W/Port) and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); 48~55VDC Power Input

FEATURES

- ▶ Support 24*10/100/1000Tx IEEE 802.3af/at Compliant with 30W/Port
- ▶ Support 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input: 48~55VDC
- ▶ Built-in Relay Output Warning for Power Failure
- ▶ Support Power Inputs Reverse Polarity Protection
- ▶ IP40 Protection
- ▶ 1U 19" Rack Mountable
- ▶ Operating Temperature - STD: -10°C to 65°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

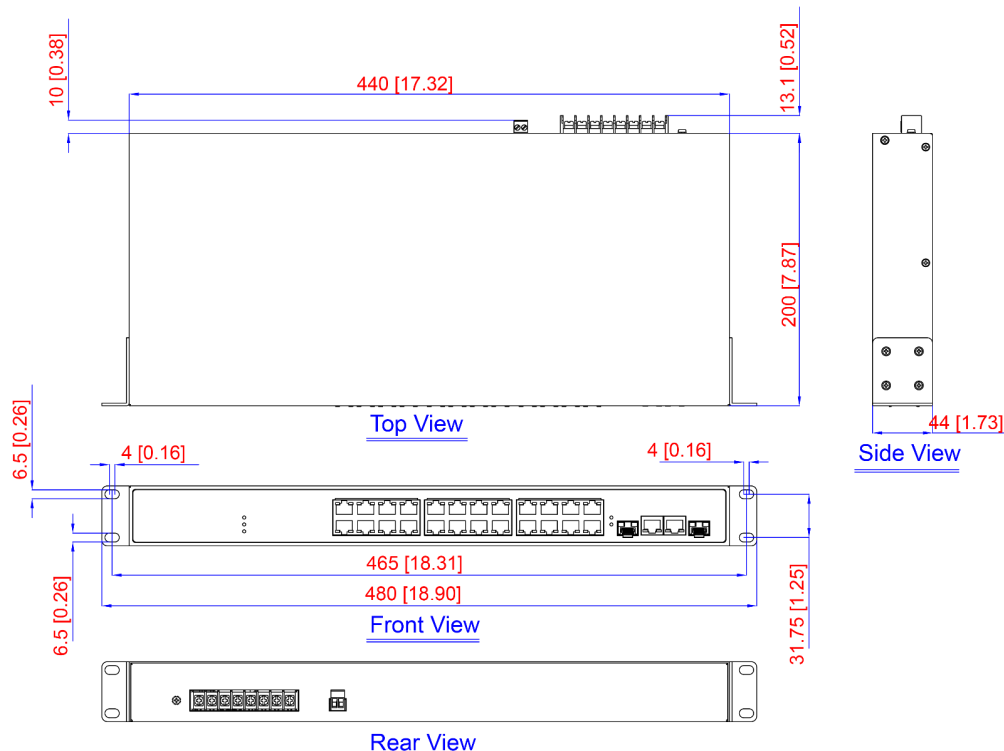


INTRODUCTION

Antaira Technologies' LNP-2602G-SFP Series is a 26-port industrial Gigabit PoE+ unmanaged Ethernet switch embedded with 24*10/100/1000Tx Ethernet ports that support IEEE 802.3af/at for a maximum of 30W/port and two gigabit combo ports with 2*10/100/1000 RJ45 ports and 2*100/1000 dual rate SFP slot for fiber connection.

The LNP-2602G-SFP series is IP40 rated and 1U 19" rack mountable. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 65°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for industrial networking applications, such as power/utility, water wastewater, oil/gas/mining, factory automation, security surveillance, ITS, and any other outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

TECHNOLOGY

Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Fiber IEEE 802.3af/at Power over Ethernet
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SWITCH PROPERTIES

Switch Architecture	Switching Fabric (Back-Plane): 52Gbps
Processing Type	Store and Forward
Flow Control	IEEE 802.3x flow control, back pressure flow control
Protocol	CSMA/CD
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
MAC Table Size	8K
Jumbo Frame	9.6Kbytes
Memory Buffer	4Mbits

PORT INTERFACE

Ethernet Port	24*10/100/1000Base-TX (30W/Port) Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Gigabit Combo Port	2*10/100/1000Tx RJ45 Ports and 2*100/1000 SFP Slots
LED Indicators	System: Power 1, Power 2, Fault Ethernet ports: Speed/Link/Active PoE: On-connected to PD devices SFP: Speed/Link/Active
Wavelength	Refer to SFP module
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) 1000BaseTX: 4-pair UTP/STP Cat. 5/5E cable; EIA/TIA-568 100-ohm (100m)

MECHANICAL CHARACTERISTICS

Housing	Metal, IP40 protection
Dimension	440 x 44 x 200 mm (W x H x D)
Weight	Unit: 6.19 lbs Shipping: 7.67 lbs
Mounting	1U 19" Rackmount

POWER REQUIREMENT

Input Voltage	48~55VDC Redundant Input
Power Connection	1 removable 8-contact terminal block
Relay Contact	24VDC, 1A resistive
Overload Current Protection	Present (Slow-Blown Fuse)
Reverse Polarity Protection	Present
System Power Consumption	21 Watts
PoE Pin Out	V+, V+, V-, V- for pin 1, 2, 3, 6 *Endspan, MDI/MDI-X Alternative A
PoE Power Budget	720 Watts

ENVIRONMENTAL LIMITS

Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)

REGULATORY APPROVALS

EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Warranty	5 Years

ORDERING INFORMATION

LNP-2602G-SFP	26-Port Industrial 1U 19 Inch Rackmount Gigabit PoE+ Unmanaged Ethernet Switch, 24*10/100/1000TX (30W/Port) and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); 48~55VDC Power Input
LNP-2602G-SFP-T	26-Port Industrial 1U 19 Inch Rackmount Gigabit PoE+ Unmanaged Ethernet Switch, 24*10/100/1000TX (30W/Port) and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); 48~55VDC Power Input; EOT: -40°C to 75°C