

LNP-2602G-SFP Series

26-Port Industrial Gigabit PoE+ Unmanaged Ethernet Switch, with 24*10/100/1000Tx (PSE: 30W/Port), and 2* Gigabit Combo Ports (2*10/100/1000TX RJ45 and 2*100/1000 SFP Slots)



Features

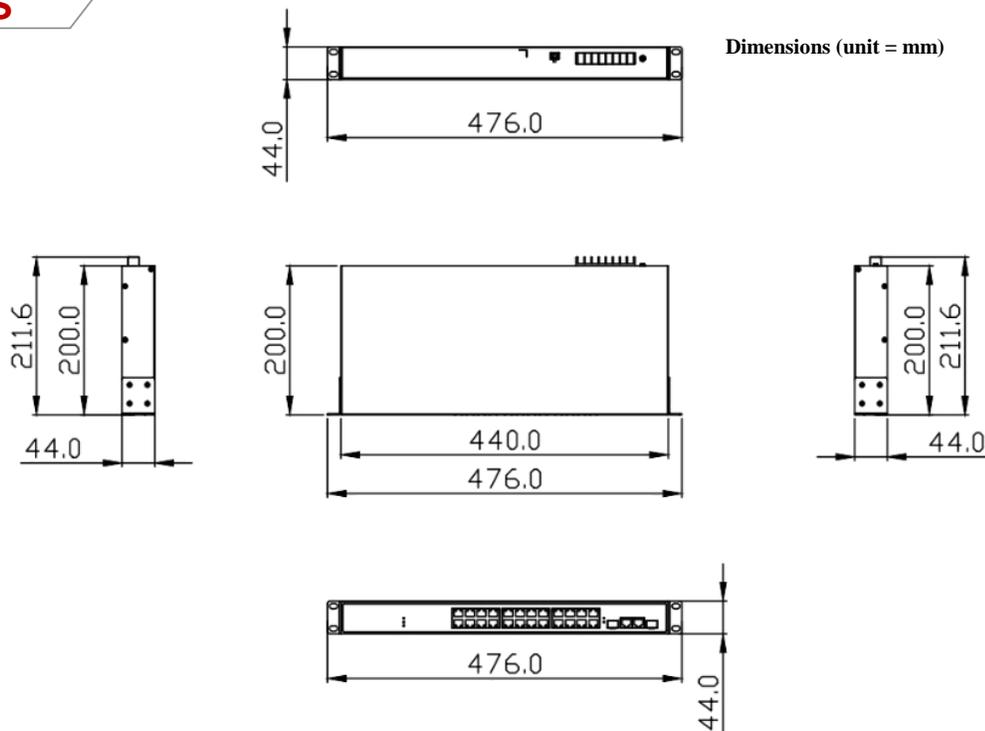
- ▶ IP40 1U 19" Rackmount Rugged Metal Case Design
- ▶ 24-port 10/100/1000Tx RJ45 Ethernet (with full 24-port PoE+ output power up to 30W/port)
- ▶ 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ Operating Temperature Range - STD: -10° to 70° C, EOT: -40° to 75° C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNP-2602G-SFP industrial gigabit PoE+ unmanaged Ethernet switch features twenty four Gigabit ports with IEEE 802.3at high power PoE (30W/Port). The LNP-2602G-SFP also provides two gigabit combo ports with two 10/100/1000 Twisted pair and two dual rate 100/1000Fx SFP ports for fiber or twisted pair connections to support any applications that demand high PoE power support, high bandwidth and long distance communication within any harsh and extreme ambient weather environment. This product series also provides high EFT and ESD protection to prevent any unregulated voltage, and provides two wide operating temperature models with standard version in -10 to 70°C, or extended version in - 40 to 75°C.

The LNP-2602G-SFP product series is ideal for supporting applications that require high density PoE+ port connections, such as, security surveillance, traffic monitoring systems, facility management in power/utility, water wastewater treatment plants and oil/gas/mining.

DIMENSIONS



SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X Gigabit Fiber IEEE 802.3af/at Power over Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Switch Architecture	Back-Plane: Non-Blocking Switching Fabric 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Transfer Rate	4Mbits
Memory Buffer	9.6Kbytes
Jumbo Frame	8K
MAC Table Size	
Interface	
Ethernet Port	24*10/100/1000Tx RJ45 (w/24*PSE: 30W/Port)
PoE Pin out	V+, V+, V-, V- for pins 1,2,3,6 Endspan, MDI/MDIX Alternative A
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot
Wavelength	Refer to SFP module
Network Cable	10BaseTx: UTP/STP Cat. 3,5 100BaseTx: UTP/STP Cat. 5 1000BaseTx: UTP/STP Cat.5/5e/6
Power Requirements	
Input Voltage	48~55VDC, Redundant Input
Overload Current Protection	Present (Slow-Blown Fuse)
Reverse Polarity Protection	Yes
PoE Power Output	30 Watts max. per PoE port
Power Consumption	24 Watts for System
Max PoE Power Budget	720 Watts
Relay Contact	24VDC, 1A resistive

Mechanical Characteristics	
Housing	Metal, IP40 protection
Dimensions	440 x 44 x 200 mm (W x H x D)
Weight	Unit Weight: 6.0 lbs., Shipping Weight: 8.0 lbs.
Mounting	1U 19" Rackmount
Environmental Limits	
Operating Temperature	STD: -10° to 70° C EOT: -40° 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 EN 55022 Class A
EMS	IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Safety	UL 61010-1, 2-201 (Pending)
Warranty	5 Years

ORDERING INFO

LNP-2602G-SFP	26-Port Industrial Gigabit PoE+ Ethernet Switch, w/24*10/100/1000Tx (PSE: 30W/port), and 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
LNP-2602G-SFP-T	26-Port Industrial Gigabit PoE+ Ethernet Switch, w/24*10/100/1000Tx (PSE: 30W/port), and 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot); EOT: -40° to 75° C
Optional Accessories	
SFP-M-T	1.25Gbps Ethernet SFP Transceiver, Multi-Mode 550M / LC / 850nm, -40°C~85°C
SFP-S10-T	1.25Gbps Ethernet SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40°C~85°C
SDR-960-48	960W Industrial DIN Rail Power Supply, 48VDC