

LNx-2602G-SFP series

26-Port Industrial Gigabit Unmanaged Ethernet Switch, with 24*10/100/1000Tx, and 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 ports and 2*100/1000 SFP slots)



Features

- ▶ IP40 1U 19" Rackmount Rugged Metal Case Design
- ▶ 24-port 10/100/1000Tx Ethernet RJ45
- ▶ 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
- ▶ System Power Input: 90-264 VAC 47/63Hz
- ▶ 8K MAC Address Table
- ▶ 4Mbits Memory Buffering
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Operating Temperature Range - STD: -10° to 70° C, EOT: -40° to 75° C
- ▶ 5-Year Warranty

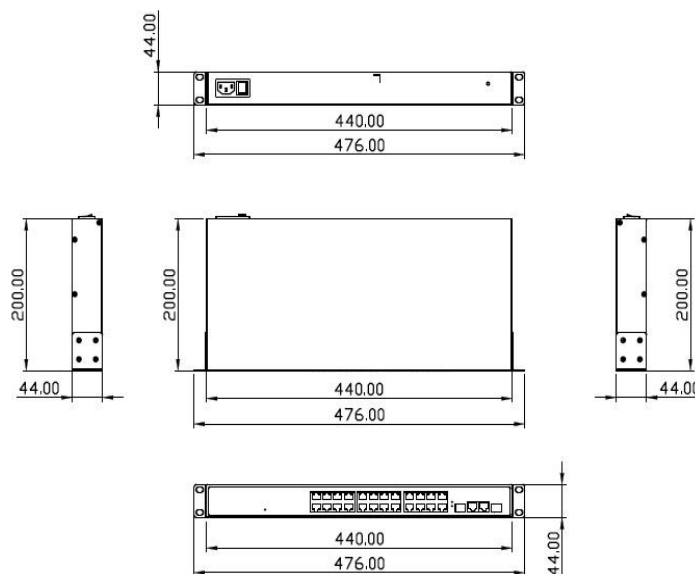
INTRODUCTION

Antaira Technologies' LNx-2602G-SFP series industrial gigabit unmanaged Ethernet switch features twenty-four Gigabit ports, and two Gigabit combo ports with two 10/100/1000 RJ45 and two dual rate 100/1000Fx SFP slots for fiber or twisted pair connections; making it ideal for applications that demand high density of Ethernet connectivity, wide bandwidth and long distance communication within any harsh and extreme ambient weather environment applications, such as, power/utility, transportation, water wastewater treatment plant, oil/gas, and security surveillance system industries. It provides two wide operating temperature models with standard version in -10 to 70°C or extended version in -40 to 75°C.

The LNx-2602G-SFP series is designed with IP40 rated 1U 19" rackmount, and provide high EFT and ESD protection to prevent any unregulated voltage.

DIMENSIONS

Dimensions (unit = mm)



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseT Ethernet	Housing	Metal, IP40 protection
	IEEE 802.3u 100BaseTX Fast Ethernet	Dimensions	440 x 44 x 200 mm (W x H x D)
	IEEE 802.3ab 1000BaseT	Weight	Unit Weight: 6.2 lbs., Shipping Weight: 8.0 lbs.
	IEEE 802.3z 1000Base-X Gigabit Fiber	Mounting	1U 19" Rackmount
Processing Type	Store and Forward	Environmental Limits	
Protocol	CSMA/CD	Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Flow Control	IEEE 802.3x back pressure flow control	Storage Temperature	-40°C ~ 85°C
Switch Properties		Ambient Relative Humidity	5 to 95%, (non-condensing)
Switch Architecture	Back-Plane: Non-Blocking Switching Fabric	Regulatory Approvals	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
Memory Buffer	4Mbits	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)
Jumbo Frame	9.6Kbytes	Free Fall	IEC60068-2-32
MAC Table Size	8K	Shock	IEC60068-2-27
Interface		Vibration	IEC60068-2-6
Ethernet Port	24*10/100/1000Tx RJ45	Green	RoHS Compliant
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slots	Safety	UL 61010-1, 2-201 (pending)
Wavelength	Refer to SFP module	Warranty	5 Years
Network Cable	10Base Tx: UTP/STP Cat. 3,5 100Base Tx: UTP/STP Cat. 5 1000Base Tx: UTP/STP Cat.5/5e/6		
Power Requirements			
Input Voltage	90-264VAC/47-63Hz		
Overload Current Protection	Present (Slow-Blown Fuse)		
Power Consumption	24 Watts for System		

ORDERING INFO

LNX-2602G-SFP	26-Port Industrial Gigabit Unmanaged Ethernet Switch, with 24*10/100/1000Tx + 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
LNX-2602G-SFP-T	26-Port Industrial Gigabit Unmanaged Ethernet Switch, with 24*10/100/1000Tx + 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

Assured Systems

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