antaira

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**

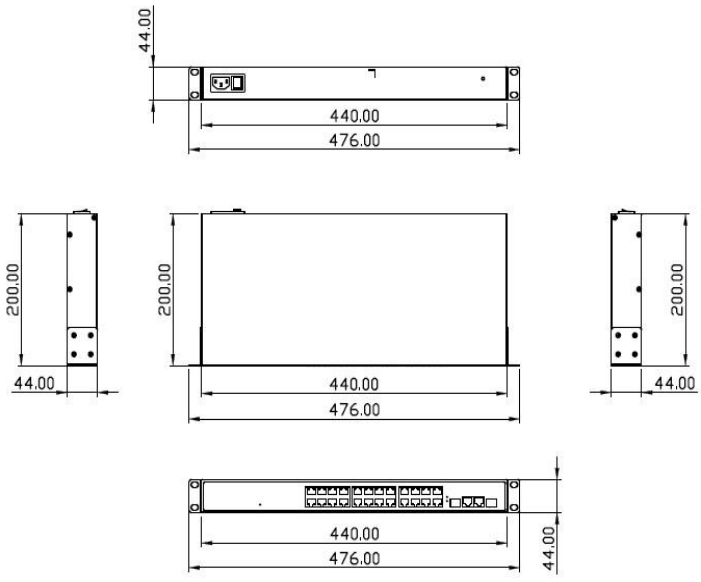
INTRODUCTION

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	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X Gigabit Fiber
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
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Memory Buffer	4Mbits
Jumbo Frame	9.6Kbytes
MAC Table Size	8K
Interface	
Ethernet Port	24*10/100/1000Tx RJ45
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slots
Wavelength	Refer to SFP module
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

Mechanical Characteristics	
Housing	Metal, IP40 protection
Dimensions	440 x 44 x 200 mm (W x H x D)
Weight	Unit Weight: 6.2 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

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, -40ºC~85ºC
SFP-S10-T	1.25Gbps Ethernet SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40ºC~85ºC

Assured Systems

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