

## 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

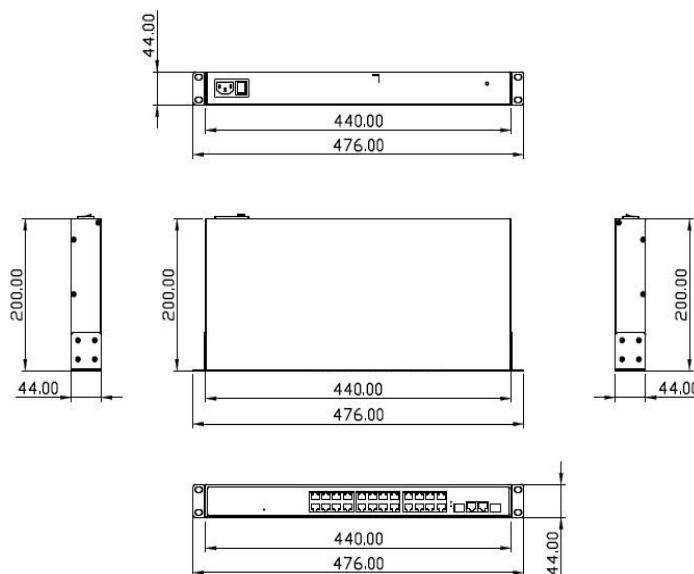
### INTRODUCTION

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

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

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

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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