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LNX-0501G-SFP Series

5-Port Industrial Unmanaged Ethernet Switch, with 4*10/100/1000Tx and 1*100/1000 SFP Slot



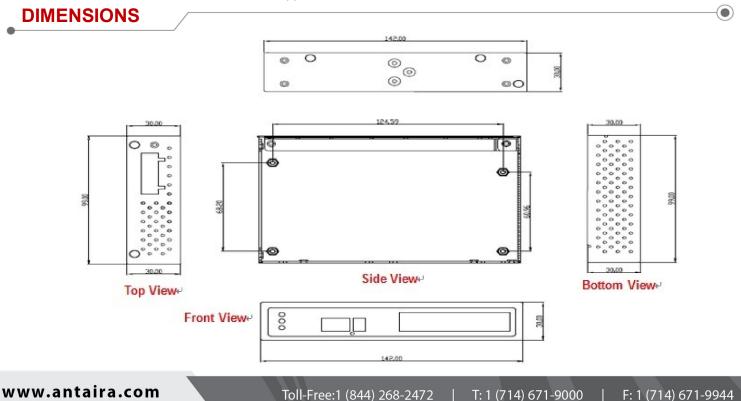
Features

- Supports 4-Port 10/100/1000Tx and 1*100/1000 Dual Rate SFP Slot (for fiber)
- Supports Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- ► 8K MAC Address Table
- Jumbo Frame 9.6Kbytes Support
- Surge Protection: 2,000 VDC Support
- ► ESD Protection: 6,000 VDC Support
- ▶ IEEE 802.3az Energy Efficient Ethernet Support
- Redundant Power Input Design: 12~48VDC
- Built-in 1 Relay Output for Power Failure Warning
- IP30 Rugged Metal Case Design
- DIN-Rail and Wall Mount Support
- Operating Temperature Range STD: -10° to 70°C, EOT: -40° to 75°C
- 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-0501G-SFP series industrial Gigabit unmanaged Ethernet switch series is IP30 rated and DIN-Rail mountable with 4*10/100/1000Tx + 1*100/1000 SFP slot for fiber, making it ideal for applications that demand high bandwidth and long-distance communication. Plus, it is designed with IEEE 802.3az that supports energy efficient Ethernet to help reduce power consumption by 50% or more.

This series provides a high EFT and ESD protection that has a dual power input having a reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. There is a wide operating temperature model that supports -40° to 75°C. The LNX-0501G-SFP series is an ideal solution for harsh outdoor weather environments and industrial applications.



SPECIFICATIONS

IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx Gigabit Ethernet IEEE 802.3az Gigabit Fiber IEEE 802.3az Energy Efficient EthernetProcessing TypeStore-and-ForwardProcessing TypeStore-and-ForwardProtocolCSMA/CDFlow ControlIEEE 802.3x back pressure flow controlSwitch Properties14,880pps for Ethernet Port 1,488,000pps for Gigabit Ethernet Port 1,488,000pps for Gigabit Ethernet PortMemory Buffer4Mbps (default) 9.6KMAC Table Size Ethernet Port8KInterface Ethernet Port100/1000 SFP SlotNetwork Cable100Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5EMechanical Characteristics Housing DimensionsMetal, IP30 protection Shipping: 1.5 lbsWeightUnit: 1.0 lb Shipping: 1.5 lbs	Technology		
Protocol CSMA/CD Flow Control IEEE 802.3x back pressure flow control Switch Properties 14,880pps for Ethernet Port Transfer Rate 14,88,00pps for Fast Ethernet Port 14,88,000pps for Gigabit Ethernet Port 1,488,000pps for Gigabit Ethernet Port Memory Buffer 4Mbps (default) Jumbo Frame 9.6K MAC Table Size 8K Interface Ethernet Port Ethernet Port 1*100/1000 SFP Slot 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics Housing Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs Shipping: 1.5 lbs	Standards	IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx Gigabit Ethernet IEEE 802.3z Gigabit Fiber	
Flow Control IEEE 802.3x back pressure flow control Switch Properties 14,880pps for Ethernet Port Transfer Rate 148,800pps for Fast Ethernet Port 14,88,000pps for Gigabit Ethernet Port 1,488,000pps for Gigabit Ethernet Port Memory Buffer 4Mbps (default) Jumbo Frame 9.6K MAC Table Size 8K Interface Ethernet Port Ethernet Port 4*RJ45 Ports w/10/100/1000Tx Fiber Port 1*100/1000 SFP Slot 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs Shipping: 1.5 lbs	Processing Type	Store-and-Forward	
Switch Properties 14,880pps for Ethernet Port Transfer Rate 14,88,000pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port Jumbo Frame 9.6K MAC Table Size 8K Interface Ethernet Port 1*100/1000 SFP Slot Fiber Port 1*100/1000 SFP Slot 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs Shipping: 1.5 lbs	Protocol	CSMA/CD	
Transfer Rate14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet PortMemory Buffer4Mbps (default)Jumbo Frame9.6KMAC Table Size8KInterfaceEthernet Port4*RJ45 Ports w/10/100/1000TxFiber Port1*100/1000 SFP SlotNetwork Cable10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5EMechanical Characteristics HousingMetal, IP30 protection Unit: 1.0 Ib 	Flow Control	IEEE 802.3x back pressure flow control	
Transfer Rate148,800pps for Fast Ethernet Port1,488,000pps for Gigabit Ethernet Port1,488,000pps for Gigabit Ethernet PortMemory Buffer4Mbps (default)Jumbo Frame9.6KMAC Table Size8KInterfaceEthernet Port4*RJ45 Ports w/10/100/1000TxFiber Port1*100/1000 SFP SlotNetwork Cable10Base Tx: 2-pair UTP/STP Cat. 3,4,5100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5EMechanical Characteristics HousingMetal, IP30 protectionDimensions30 x 99 x 142 mmWeightUnit: 1.0 lb Shipping: 1.5 lbs	Switch Properties		
Jumbo Frame 9.6K MAC Table Size 8K Interface Ethernet Port 4*RJ45 Ports w/10/100/1000Tx Fiber Port 1*100/1000 SFP Slot 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 Network Cable 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics Housing Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs Shipping: 1.5 lbs	Transfer Rate	148,800pps for Fast Ethernet Port	
MAC Table Size 8K Interface Ethernet Port 4*RJ45 Ports w/10/100/1000Tx Fiber Port 1*100/1000 SFP Slot 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 Network Cable 10Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics Housing Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs Shipping: 1.5 lbs	Memory Buffer	4Mbps (default)	
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Fiber Port 1*100/1000 SFP Slot Network Cable 10Base Tx: 2-pair UTP/STP Cat. 3,4,5 Network Cable 10Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E 100Base Tx: 2-pair UTP/STP Cat. 5/5E Mechanical Characteristics 10Base Tx: 2-pair UTP/STP Cat. 5/5E Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs	Interface		
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Network Cable100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5EMechanical CharacteristicsHousingMetal, IP30 protectionDimensions30 x 99 x 142 mmWeightUnit: 1.0 lb Shipping: 1.5 lbs	Fiber Port	1*100/1000 SFP Slot	
Housing Metal, IP30 protection Dimensions 30 x 99 x 142 mm Weight Unit: 1.0 lb Shipping: 1.5 lbs	Network Cable	100Base Tx: 2-pair UTP/STP Cat. 5 1000Base	
Dimensions30 x 99 x 142 mmWeightUnit: 1.0 lb Shipping: 1.5 lbs	Mechanical Characteristics		
Weight Unit: 1.0 lb Shipping: 1.5 lbs	Housing	· · · · ·	
Weight Shipping: 1.5 lbs	Dimensions		
	Weight		
Mounting DIN-Rail, Wall mounting (Optional)	Mounting	DIN-Rail, Wall mounting (Optional)	

Power Requirement	
Input Voltage	12~48VDC, Redundant Input
Power Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Present
Overload Current Protection	Present
Power Consumption	5 Watts
Environmental Limits	
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~85°C
Ambient Relative Humidity	5 to 95%, (Non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

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ORDERING INFO

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LNX-0501G-SFP	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot	
LNX-0501G-SFP-T	5-Port Industrial Gigabit Unmanaged Ethernet Switch, w/4*10/100/1000Tx + 1*100/1000 SFP Slot, EOT: -40° to 75°C	
Optional Accessorie	95	
DR-15-24	15W Industrial DIN-Rail Power Supply, 24VDC	
DR-45-24	45W Industrial DIN-Rail Power Supply, 24VDC	
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC	
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC	