

LNX-0702G-SFP Series

7-Port Industrial Gigabit Unmanaged Ethernet Switch - 5*10/100/1000Tx, and 2*100/1000 SFP Slots



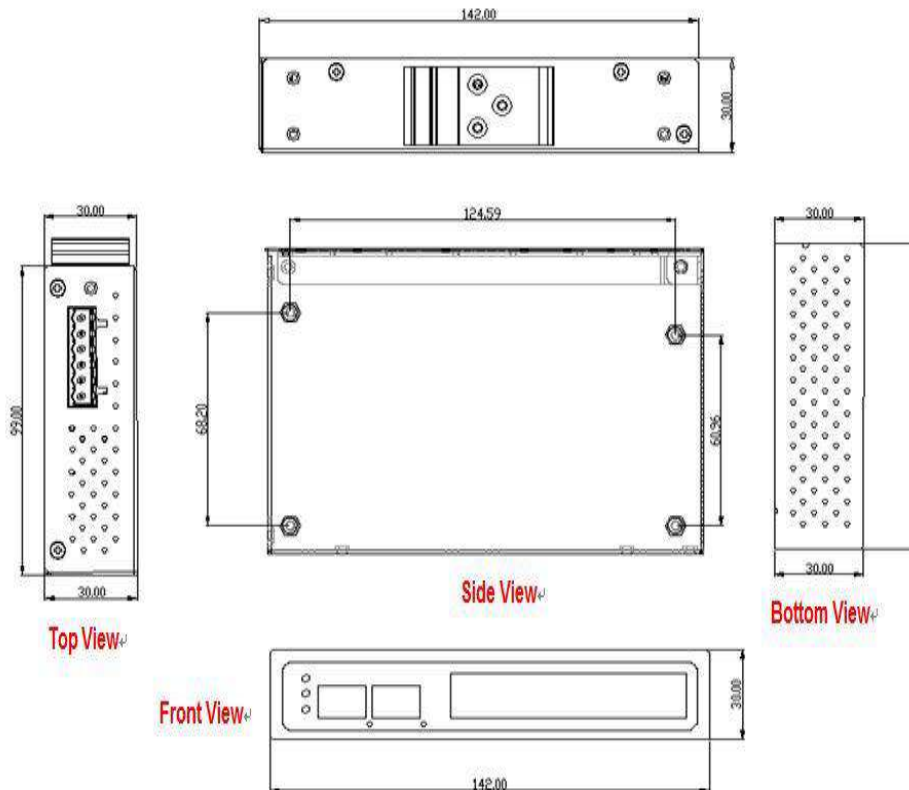
Features

- ▶ Supports 5-Port 10/100/1000Tx and 2*100/1000 SFP Slots
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 14.0Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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-0702G-SFP series industrial gigabit unmanaged Ethernet switch features 5*10/100/1000Tx ports, and two dual rate 100/1000Fx SFP slots. This product series provides high EFT and ESD protection to protect against unregulated voltage. It also provides wide operation temperature models for standard: -10° to 70°C and extended: -40° to 75°C. The LNX-0702G-SFP series is an ideal solution for harsh environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3az Gigabit Fiber	Housing	Metal, IP30 protection
Processing Type	Store and Forward	Dimensions	30 x 99 x 142 mm (W*D*H)
Protocol	CSMA/CD	Weight	Unit: 1.0lb. Shipping Weight: 1.5 lbs.
Flow Control	IEEE 802.3x back pressure flow control	Mounting	DIN-Rail, Wall mounting (optional)
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 14.0Gbps	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Storage Temperature	-40°C ~ 85°C
Broadcast Storm Rate Limit	CSMA/CD	Ambient Relative Humidity	5 to 95%, (non-condensing)
Memory Buffer	7,926pps (default)	Regulatory Approvals	
Jumbo Frame	9.6Kbytes	EMI	FCC Class A
MAC Table Size	8K	EMS	EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
Interface		Free Fall	IEC60068-2-32
Ethernet Port	5*RJ45 Ports w/10/100/1000Tx	Shock	IEC60068-2-27
Fiber Port	2*100/1000 SFP Slot	Vibration	IEC60068-2-6
Network Cable	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	Green	RoHS Compliant
Power Requirements		Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Input Voltage	12~48VDC, Redundant Input	Warranty	5 Years
Overload Current Protection	Present		
Connection	1 removable 6-contact terminal block		
Reverse Polarity Protection	Yes		
Power Consumption	9.1 Watts		

ORDERING INFO

LNX-0702G-SFP	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 5*10/100/1000Tx, and 2*100/1000 SFP Slot
LNX-0702G-SFP-T	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 5*10/100/1000Tx, and 2*100/1000 SFP Slot; EOT: -40° to 75°C
Optional Accessories	
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