LNX-0702C-SFP Series

7-Port Industrial Gigabit Unmanaged Ethernet Switch, with 5*10/100Tx + 2*100/1000 SFP Slot

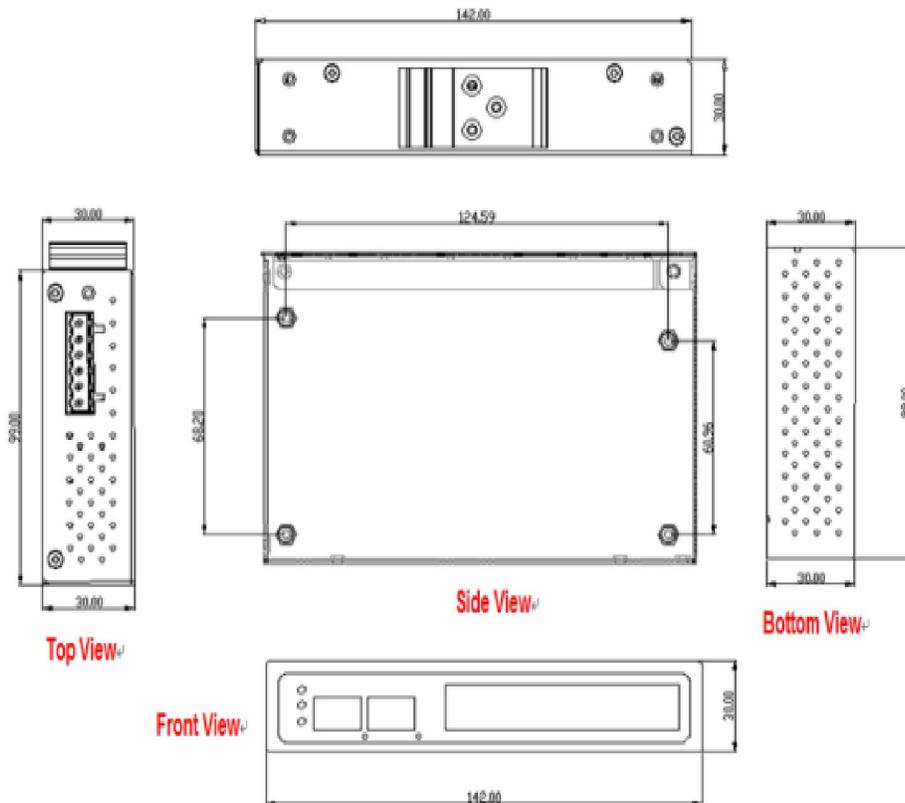## Features

► **Supports 5-Port 10/100Tx and 2-Port 100/1000 SFP slots**
► **Supports Auto MDI/MDI-X Function**
► **Store-and-Forward Switching Architecture**
► **5.0Gbps Back-Plane (Switching Fabric)**
► **8K MAC Address Table**
► **Surge Protection: 2,000 VDC Support**
► **ESD Protection: 6,000 VDC 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-0702C-SFP series industrial gigabit unmanaged Ethernet switch features five 10/100Tx ports and two dual rate 100/1000Fx SFP slots. This product series support wide range power input from 12 to 48VDC, and 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 LNP-0702C-SFP series is an ideal solution for harsh environment and industrial applications.

DIMENSIONS

Top View

Side View

Bottom View

Front View

SPECIFICATIONS

Technology

Standards	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3az 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 (Switching Fabric): 5.0Gbps
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
Broadcast Storm Rate Limit	CSMA/CD
Memory Buffer	7,926pps (default)
Jumbo Frame	-
MAC Table Size	8K

Interface

Ethernet Port	5*10/100Tx Fast Ethernet
Fiber Port	2*100/1000 SFP Slot
Network Cable	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5

Power Requirements

Input Voltage	12~48VDC, Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	6W

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	30 x 99 x 142 mm (W*D*H)
Weight	Unit: 1.3 lbs. Shipping Weight: 1.7 lbs.
Mounting	DIN-Rail, wall mounting (optional)

Environmental Limits

Operating Temperature	STD: 0° 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 Class A
EMS	EN6100-4-2,3,4,5,6,8, EN6100-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

ORDERING INFO

LNX-0702C-SFP	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 5*10/100Tx, and 2*100/1000 SFP Slot
LNX-0702C-SFP-T	7-Port Industrial Gigabit Unmanaged Ethernet Switch, w/ 5*10/100Tx, and 2*100/1000 SFP Slot; EOT: -40° to 75°C
Optional Accessories	
MDR-10-12	10W Industrial Din Rail Power Supply, 12VDC
MDR-20-24	20W Industrial Din Rail Power Supply, 24VDC
MDR-40-48	40W Industrial Din Rail Power Supply, 48VDC
MDR-60-49	60W Industrial Din Rail Power Supply, 48VDC