

LNx-0602 Series

6-Port Industrial Unmanaged Ethernet Switch, with
4*10/100Tx and 2*100Fx, 12~48VDC Power Input



Features

- ▶ Network Broadcast Storm Protection
- ▶ 4-Port 10/100Tx Fast Ethernet
- ▶ 2-Port 100Fx SC/ST Type Connector (Multi / Single Mode)
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K 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 Port Break Alarm
- ▶ 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

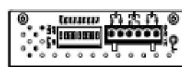
INTRODUCTION

Antaira Technologies' LN_x-0602 series switches are smart 6-port Industrial Unmanaged Ethernet Switches supporting 4-Port 10/100Tx Fast Ethernet and 2-Port 100Fx of SC or ST type connector and support Multi-mode in 2Km, or Single-mode in 30Km.

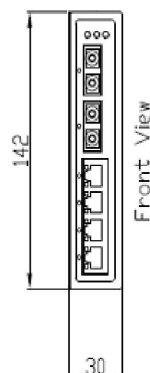
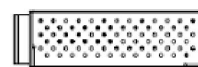
The LN_x-0602 series switches support 12~48VDC power inputs. This series of switches offers an Extended Operating Temperature model (w/-T) which supports -40°C ~ 75°C. It supports IEEE 802.3/802.3u/802.3x with 10/100BTx, full or half duplex, MDI/MDI-X auto sensing to provide an economical solution for the Industrial Ethernet Network.

In addition, the Network Broadcast Storm Protection and built-in relay warning function alerts network engineers when power failures or port breaks occur.

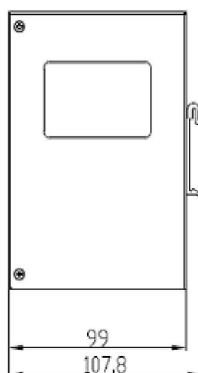
DIMENSIONS



Top/Bottom View



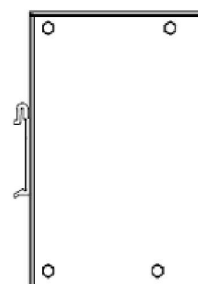
Front View



Side View



Back View



Back View

SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3x Flow Control and Back-Pressure	Housing	Metal, IP30 protection
Processing Type	Store-and-Forward	Dimensions	30 x 142 x 99 mm
Protocol	CSMA/CD	Weight	Unit: 1.1 lbs. Shipping: 1.45 lbs.
Flow Control	IEEE 802.3x flow control, back pressure flow control	Mounting	DIN-Rail, Wall mounting (optional)
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes	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	Storage Temperature	-40°C ~ 85°C
MAC Table Size	2K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Interface		Regulatory Approvals	
Ethernet Port	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 4*10/100Tx	EMI	FCC Class A
Fiber Port	2*100Fx SC/ST type connector Multi-mode (2Km) - 50/125um ~ 62.5/125um, Single-mode (30Km) - 9/125um ~ 10/125um	EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
Fiber Wavelength	1310nm (Multi-Mode and Single-Mode)	Free Fall	IEC60068-2-32
Power Requirement		Shock	IEC60068-2-27
Input Voltage	12~48VDC, Redundant Input	Vibration	IEC60068-2-6
Power Connection	1 removable 6-contact terminal block	Green	RoHS Compliant
Reverse Polarity Protection	Yes	Certifications	FCC, CE, UL 508, UL Class 1 Division 2
Overload Current Protection	Slow-Blown Fuse	Warranty	5 Years
Power Consumption	7.5 Watts		

ORDERING INFO

LNX-0602-M	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode Fiber (2Km), SC Connector
LNX-0602-M-T	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode Fiber (2Km), SC Connector; EOT: -40° to 75°C
LNX-0602-ST-M	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode Fiber (2Km), ST Connector
LNX-0602-ST-M-T	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode Fiber (2Km), ST Connector; EOT: -40° to 75°C
LNX-0602-S3	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode Fiber (30Km), SC Connector
LNX-0602-S3-T	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode Fiber (30Km), SC Connector; EOT: -40° to 75°C
LNX-0602-ST-S3	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode Fiber (30Km), ST Connector
LNX-0602-ST-S3-T	6-Port Industrial Unmanaged Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode Fiber (30Km), ST Connector; EOT: -40° to 75°C
Optional Accessories	
DR-45-24	45W Industrial DIN-Rail Power Supply

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US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660