

# LNX-0500-M12-67 Series

5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5\*10/100Tx with M12-connector, 12~48VDC Power Input



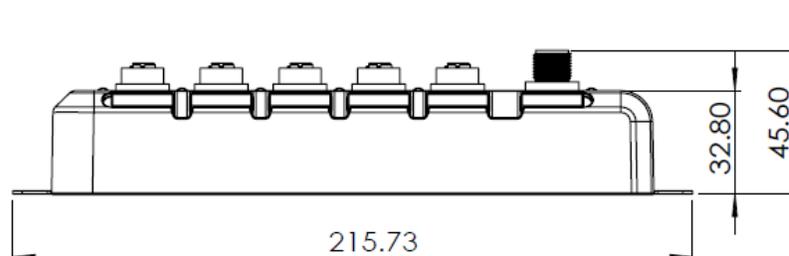
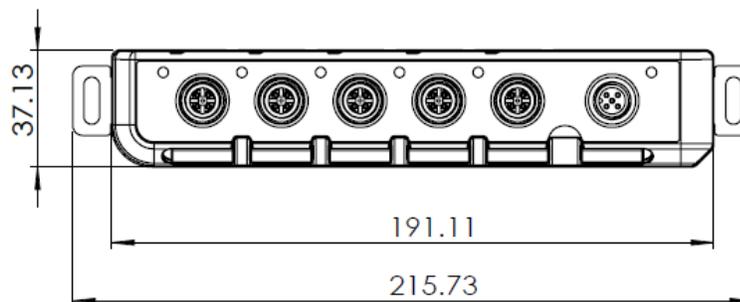
## Features

- ▶ 5\*10/100Tx Fast Ethernet
- ▶ M12 (A-coded) Connector with IP67 Rated Protection
- ▶ IP67 Rugged Plastic Case Design
- ▶ RJ45 Port Support Auto MDI / MDI-X Function
- ▶ Auto Negotiation Speed, Half / Full Duplex
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' LNX-0500-M12-67 series is a 5-port 10/100Tx M12 IP67 industrial switch that meets the high-reliability requirements demanded by industrial applications. The LNX-0500-M12-67 series features a wide operating temperature of -10° to 70°C in the standard model and -40° to 75°C in the extended temperature model which allows this device to be used in various industrial environments. Its M12 connectors ensure a tight, robust connection and guarantees reliable operation in applications that are subject to high vibration and shock in environments containing dust, liquid, or laden with gas.

## DIMENSIONS



## SPECIFICATIONS

Technology		Power Requirement	
<b>Standards</b>	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet	<b>Input Voltage</b>	12 to 48VDC, Redundant Inputs
<b>Processing Type</b>	Store and Forward	<b>Power Connection</b>	1*M12, 5-pin A-coded, Male
<b>Protocol</b>	CSMA/CD	<b>Reverse Polarity Protection</b>	Present
<b>Flow Control</b>	IEEE 802.3x back pressure flow control	<b>Overload Current Protection</b>	Present
Switch Properties		<b>Power Consumption</b>	500mWatts
<b>Switch Architecture</b>	Back-Plane: Non-Blocking Switching Fabric	Environmental Limits	
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	<b>Operating Temperature</b>	STD: -10°C to 70°C EOT: -40°C to 75°C
<b>Memory Buffer</b>	448kbits	<b>Storage Temperature</b>	-40°C to 85°C
<b>MAC Table size</b>	1k	<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)
Interface		Regulatory Approvals	
<b>Ethernet Port</b>	5*10/100T(X) M12, 4-pin D-coded, Female, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN 55032 Class A, EN 61000-6-4 Class A
<b>LED Indicators</b>	Power, Ethernet Ports: Link / Act	<b>EMS</b>	CE EN 55024 Class A, EN 61000-6-2 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)
Mechanical Characteristics		<b>Free Fall</b>	IEC60068-2-32
<b>Housing</b>	Plastic, IP67 protection	<b>Shock</b>	IEC60068-2-27
<b>Dimensions</b>	37.13 x 215.73 x 32.8 mm (W x H x D)	<b>Vibration</b>	IEC60068-2-6
<b>Weight</b>	Unit: 0.749 lbs. Shipping: 1.322 lbs.	<b>Green</b>	RoHS Compliant
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting	<b>Certifications</b>	FCC, CE, UL 61010-1 (Pending), UL 61010-2-201 (Pending)
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNX-0500-M12-67</b>	5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12 connector, 12~48VDC Power Input
<b>LNX-0500-M12-67-T</b>	5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12 connector, 12~48VDC Power Input; EOT: -40°C to 75°C
Optional Accessories	
<b>DR-30-24</b>	30W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-60-24</b>	60W Industrial DIN-Rail Power Supply, 24VDC
<b>CB-M12D4PM-RJ45-5M</b>	M12 D-Code 4-Pin Male to RJ45 Cable, 5 Meter, Wire: CAT5e STP 24AWG Black, IP68 Protection
<b>CB-M12A3PM-5M</b>	M12 A-Code 3-Pin Male to Open Cable, 5 Meter, Wire: UL 24AWG*5C Black, IP68 Protection
<b>CB-M12A5PF-5M</b>	M12 A-Code 5-Pin Female to Open Cable, 5 Meter, Wire: UL 24AWG*5C Black, IP68 Protection