

DATA SHEET

Managed 4+8+16 Ethernet Fiber Switch

Industrial Rack Mount Managed Switch with 4 Gigabit SFP Ports, 8 Fast Ethernet Ports, 16 100Base-FX Fiber Optic Ports

The RLH Industrial Managed Ethernet Switch offers 4 Gigabit SFP slots, 8 RJ-45 Fast Ethernet Ports, and 16 100Base-FX fiber ports. The high fiber port count makes this a great switch for aggregating remote locations to one central location.

The switch operates at Layer 2 and offers a web-based management interface as well as support for IEEE802.1Q VLANs, broadcast storm control, RSTP, QOS, along with many other features.

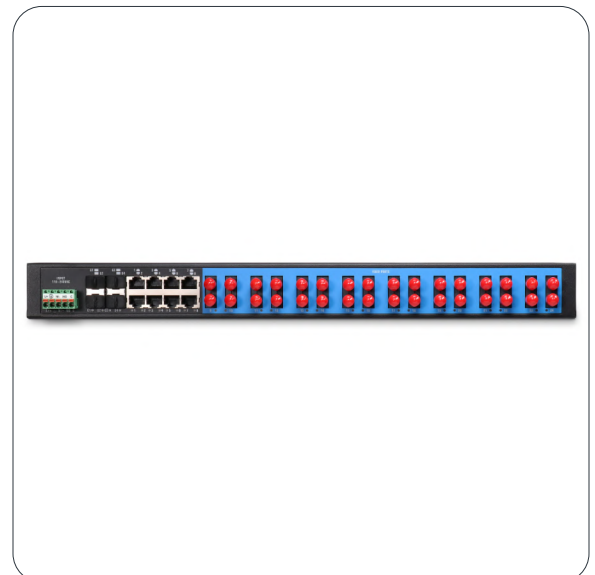
The RLH Managed Ethernet Switch uses only 1RU of rack space and comes complete with EIA19" rack ears for rack mount applications, or it may be used on a desktop or shelf. The fiber and SFP ports allow for fiber optic network extension over long distances with the added benefit of electrical isolation between locations. Our industrial switches operate over a wide temperature range and have a fan-less design. Their robust feature set and construction meet the demands of a variety of applications and are an ideal solution for a wide range of utility and automation environments.

Key Features

- -40°F to +167°F (-40°C to +75°C) operating temperature
- (4) Gigabit SFP Slots, (8) Fast Ethernet Copper Ports, (16) 100Base-FX Fiber Ports
- RJ-45 ports are auto MDI/MDIX, auto negotiating
- Embedded web management
- Supports Port-based VLAN, IEEE 802.1Q VLAN
- 19" 1RU rack mount form factor, steel enclosure
- Built-in 115/220VAC power supply
- Fan-less low power consumption design
- 5 year warranty



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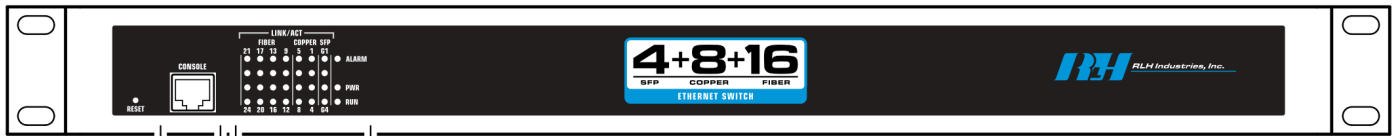


Managed 4+8+16 Ethernet Fiber Switch Interface View



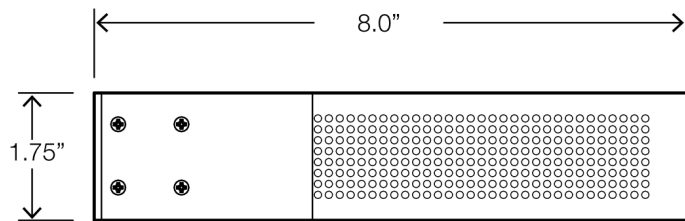
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Dimensions

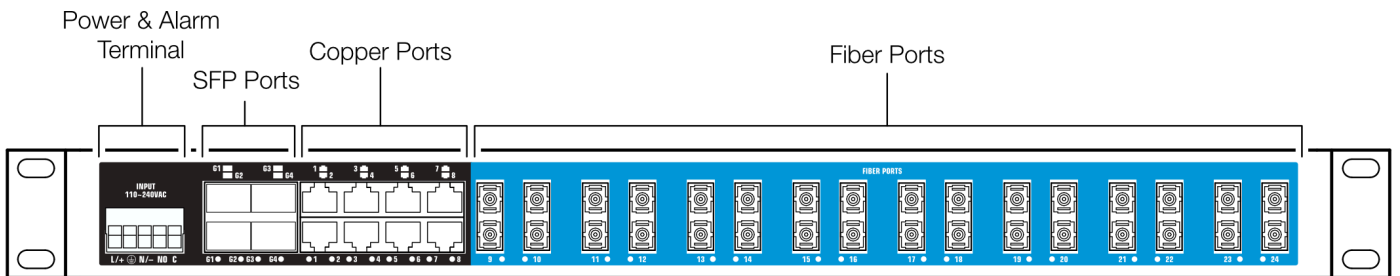


Front View

LED Indicators
Console Management Port



Side View



Rear View

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Key Specifications

Standards:	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1Q, IEEE 802.1D, IEEE 802.1x		
Ports:	(4) Gigabit Ethernet Small Form-Factor Pluggable (SFP) Ports (8) 10/100M RJ-45 Fast Ethernet Ports (16) 100Base-FX Fiber Optic Ports		
MAC address:	8K		
Switching Mode:	Store & forward architecture and performs forwarding and filtering at non-blocking full wire speed		
VLAN:	IEEE 802.1Q Port-based VLAN		
QOS:	Supports IEEE 802.1P QoS Supports WRR		
Flow Control Mode:	IEEE 802.3x flow control for full-duplex mode and collision-based back-pressure for half-duplex mode		
LED Indicators:	Link/Act for each port Power ON Run – ON/OFF – System operation status		
Port Management:	Imbedded web management/console port		
Fiber Type / Connector / Distance (see note):	Dual Fiber:	Multimode Singlemode	ST, SC ST, SC 2km/1.2 miles 20km/12.4 miles
	NOTE: Refer to ordering information for available connector/fiber type/distance configurations		
Fiber Compatibility:	Multimode:	62.5/125, 50/125 μ m	
	Singlemode:	9/125 μ m	
Dimensions:	W 17.4" x D 8." x H 1.75" / 441.6mm x 206.9mm x 44.6mm EIA 19" Rack Mountable, 1RU rack height		
Power:	90~264VAC/1.2A max, 50/60Hz, 35W		
Temperature:	Operating:	-40°F to +167°F (-40°C to +75°C)	
	Storage:	-45°F to +185°F (-45°C to +85°C)	
Humidity:	10%~95% non-condensing		

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Optics	Distance	Wavelength	Part Number
Multimode ST	2km/1.2 miles	1310nm	RLH-ESM040816-04-2
Multimode SC	2km/1.2 miles	1310nm	RLH-ESM040816-03-2
Singlemode ST	20km/12.4 miles	1310nm	RLH-ESM040816-50-2
Singlemode SC	20km/12.4 miles	1310nm	RLH-ESM040816-40-2

- Long distance optics may be special ordered
- Single fiber optics may be special ordered
- Please contact your us for optics availability, pricing, and delivery information

DATA SHEETwww.fiberopticlink.com**Contact**

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