



5+1 Managed Gigabit SFP Switch

ETH-51GM-2

Managed Industrial Light Layer 3 Gigabit Switch

RLH managed industrial switches are engineered to provide reliable network performance in harsh environments. The 5+1 Managed Gigabit SFP switch provides both copper and fiber Gigabit Ethernet access. This environmentally hardened Light Layer 3 switch is manageable and offers a wide array of configuration and monitoring options.

Our feature rich industrial switch meets the demands of a variety of applications, and are an ideal solution for a wide range of utility and automation environments.

Features

- Wide operating temperature range of -40°C to +75°C (-40°F to +167°F)
- 2 Dual Rate SFP ports – Fast Ethernet & Gigabit
- 5 Ports of Gigabit Ethernet
- 9.6K Bytes Jumbo Frame Support
- Auto MDI/MDI-X
- Store-and-forward switching architecture
- Rugged case rated to IP-30
- Redundant power inputs with built-in alarm
- 2kV surge protection
- DIN rail & wall mountable
- UL Listed

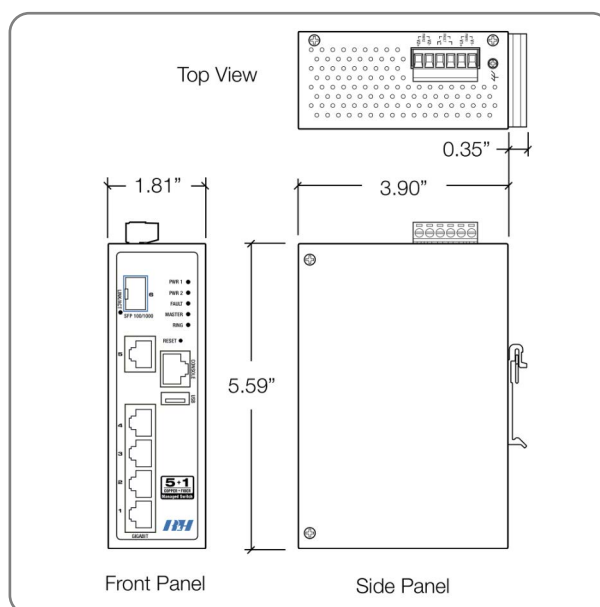
Managed Features

- Static Routing: Light Layer 3 Switch – Supports Static Routes, Inter-VLAN Routing, ACLs, IPv4/IPv6, and DHCP Option 66/67/82
- Configuration via Web, Serial, Telnet, & SSH
- Supports SNMPv3
- Supports IEEE 802.1q Vlan
- Port Mirror, Control & Monitoring



5+1 Managed Gigabit SFP Switch

Dimensions





Specifications

Switch Characteristics

Data Process:	Store and Forward, CSMA/CD	
Standards:	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3z Gigabit Fiber IEEE 802.3x Flow control IEEE 802.1Q Virtual Local Area Network (VLAN)	IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol) IEEE 802.1x Network Authentication ITU-TG.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch) IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
Protocols:	IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNTP, SMTP, RARP, Syslog, STP, RSTP	
Transfer Rates:	14,880pps - Ethernet port 148,800pps - Fast Ethernet port, 1,488,000pps - Gigabit Ethernet port	
Transmission Distance:	Up to 100 Meters over twisted pair	
Transmission Speed:	Up to 1000Mbps	
MAC Address:	8k table size	
Ethernet Interface:	Supports Jumbo Frames, Auto MDI/MDI-X, Auto-Negotiation	
Ethernet Ports:	(5) 10/100/1000 Mbps (1) SFP Slots, Accepts 100 or 1000 Mbps speed modules	
LED Status Indicators:	Power 1 (P1), Power 2 (P2), Fault, Master, Ring Ethernet Ports (Link and Activity)	
Power Protection:	Over Current, Power Reversal, Polarity Protection	
Power Input:	12~48VDC redundant power inputs (6 position pluggable terminal block)	
Power Consumption:	7.5 Watts Max.	
Fault Output:	1 Relay output rated for 24VDC @ 1 Amp	
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)	
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)	
Operating Humidity:	5% to 95% (Non-Condensing)	
Construction:	Powder coated IP30 steel housing	
Case Dimensions:	1.81" (W) x 3.90" (D) x 5.59" (H), (46mm x 99mm x 142mm) *Not including connectors or DIN bracket	



Specifications (cont.)

Switch Characteristics

Installation:	Standard DIN rail (TS-35) or wall mount *Wall mount brackets included
EMI:	FCC Class A, CE EN61000-4-2/3/4/5/6/8/11/12, CE EN61000-6-2, CE EN61000-6-4
Stability Testing:	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Safety:	CE, FCC Class A, UL 61010-1 3rd Edition, UL 61010-2-201 1st Edition, File Number: E480850
Compliance:	NDAA, TAA, NEMA TS2 (ITS), RoHS and REACH compliant
MTBF:	573,218 hrs. Telcordia SR-332, Issue 3, GB, 25°C
Warranty:	5 Years Visit www.fiber opticlink.com for warranty details

Ordering Information

Description	Part Number
Managed Switch, 5 Gigabit RJ-45 Ports, 1 Dual Rate SFP Port, Powering Voltage 12-48 DC	ETH-51GM-2

Contact

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