

8-Port 10/100/1000 Industrial Managed Switch with (2) SFP Slots and 4 PoE PSE Ports

SF70860M SF70860MP

Product Features

- (8) 10/100/1000Mbps RJ-45 ports and (2) 1000Mbps SFP slots
- Provides in-band web and SNMP management interfaces
- Copper ports with auto-negotiation and auto-MDI/MDI-X detection
- Provides full wire speed forwarding
- Support 802.3x flow control for full duplex operation
- Support back-pressure flow control for half-duplex operation
- Provides port status, statistic monitoring and control function
- Supports port-based and 802.1Q Tag-based VLAN
- Provides QoS function
- Provides port link aggregation (trunking) function and LACP support
- Provides port mirroring function
- Provides 802.1x authentication for port access
- Supports 802.1w RSTP, 802.1D STP and MSTP
- Watchdog timer function
- Optional fiber connectivity with (2) SFP slots
- Supports DHCP for dynamic IP configuration
- SF70860MP provides (4) 802.3af compliant PoE ports
- Supports stand-alone, DIN Rail, or Panel Mounting



Technical Specifications

IEEE Standards:	802.3, 802.3ab, 802.3z, 802.3x, 802.3af, 802.1x, 801.1w, 802.1D, 802.1Q
Network Ports:	(6) 10/100/1000Mbps Copper Ports (RJ-45) (2) Combo Ports—10/100/1000Mbps Copper or 1000Mbps Fiber
Copper Ports:	Shielded RJ-45, 10/100Mbps, auto-negotiation, auto-MDI/MDI-X
SFP Slot:	Gigabit 1000Base-FX compliant slot for standard SFP transceiver
Console:	Connector: Shielded RJ-45 Interface: RS-232
Network Cables:	Copper Port: Cat5 up to 100 meters SFP Slot: 50/125, 62.5/125 MM Fiber, 9/125 SM Fiber
Power over Ethernet: (SF70860MP only)	IEEE 802.3af compliant, PSE on Ports 1-4 Power delivery 48V 15.4W max. per port up to 100 meters
MAC Addresses:	Table with 8K entries
Buffer Memory:	112KB
VLAN Function:	Port-based VLAN, 802.1Q Tag-based VLAN
Port Link Aggregation:	Static trunking groups: 2 max., Ports/Groups: 2, LACP link aggregation
QoS Function:	4 priority queues, Classification: Port-based, 802.1p, IP DSCP
LED Indicators:	Per Unit: Power, Management Status Per Copper Port: 1000M, 100M, 10M Speed/Link/Activity Status Per SFP Slot: Fiber Link Status Per PoE Port: Power Status

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Model	Description
SF70860M	8-Port 10/100/1000 Industrial Managed Switch
SF70860MP	8-Port 10/100/1000 Industrial Managed Switch with PoE
PMB-1	SF70860 Panel Mounting Kit
DRB-1	SF70860 DIN Rail Mounting Kit
LPSUSF-POE	SF70860MP Power Supply, 100-240VAC to 48VDC/24W
SFP Modules	VERSITRON SFP Modules



Technical Specifications cont.

Relay Output:	Alarm: Power Failure, Specific Port Fault Interface: 2 terminal contacts (30VDC/1A max. or 120VAC/0.5A max.)
Web Management:	Web Browser Software System Settings, Port Status/Statistics, Port Control, VLAN, QoS, Link Aggregation, Port Mirroring, Firmware Upgrade 802.1x, 802.1w, Configuration Backup and Restore
SNMP Support:	SNMP v1, v2c Management MIB-II, Private MIB for PoE Control, Event Traps
DC Power Input:	Screw Terminal Block: 2 pairs of +/- contacts DC Jack: -D6.3mm / +D2.0mm Operating Voltage Range: +6.5 ~ +60VDC Voltage for PoE Support: +44 ~ +54VDC
Power Consumption:	9W max. with no PoE Support 70W max. with (4) PoE PSE max. Output
Dimensions:	5.51 x 4.17 x 1.57 inches (WxDxH)
Environment:	Operating Temperature: -20° C ~ +60° C Storage Temperature: -20° C ~ +85° C Relative Humidity: 10% to 95% non-condensing
Approvals:	FCC Class A, CE Mark Class A, EN60950 Safety

