

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

### SF71060M SF71060MP

#### Product Features

- (8) 10/100/1000Mbps RJ-45 ports and (2) 100/1000Mbps 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
- Optional fiber connectivity with (2) SFP slots
- Supports DHCP for dynamic IP configuration
- SF71060MP provides (4) 802.3af/802.3at compliant PoE ports
- Supports stand-alone, DIN Rail, or Panel Mounting



#### Technical Specifications

<b>IEEE Standards:</b>	802.3, 802.3ab, 802.3z, 802.3x, 802.3af, 802.3 at, 802.1x, 801.1w, 802.1D, 802.1Q
<b>Network Ports:</b>	(8) 10/100/1000Mbps Copper Ports (RJ-45) (2) 100/1000Mbps SFP Slots
<b>Copper Ports:</b>	Shielded RJ-45, 10/100Mbps, auto-negotiation, auto-MDI/MDI-X
<b>SFP Slot:</b>	100/1000Base-FX compliant slot for standard SFP transceiver
<b>Console:</b>	Connector: Shielded RJ-45 Interface: RS-232
<b>Network Cables:</b>	Copper Port: Cat5 up to 100 meters SFP Slot: 50/125, 62.5/125 MM Fiber, 9/125 SM Fiber
<b>Power over Ethernet: (SF71060MP only)</b>	IEEE 802.3af, 802.3at compliant, PSE on Ports 1-4 Power delivery 48V 35W max. per port up to 100 meters
<b>MAC Addresses:</b>	Table with 8K entries
<b>Buffer Memory:</b>	112KB
<b>VLAN Function:</b>	Port-based VLAN, 802.1Q Tag-based VLAN
<b>Port Link Aggregation:</b>	Static trunking groups: 2 max., Ports/Groups: 2, LACP link aggregation
<b>QoS Function:</b>	4 priority queues, Classification: Port-based, 802.1p, IP DSCP
<b>LED Indicators:</b>	Per Unit: Power, Management Status Per Copper Port: Speed/Link/Activity Status Per SFP Slot: Speed/Link/Activity Status Per PoE Port: Power Status

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

### SF71060M SF71060MP

Model	Description
SF71060M	10-Port 10/100/1000 Industrial Managed Switch
SF71060MP	10-Port 10/100/1000 Industrial Managed Switch with PoE/PoE+
PMB-1	Panel Mounting Kit
DRB-1	DIN Rail Mounting Kit
LPSUS-POE120	SF71060MP PoE Power Supply, 100-240VAC to 48VDC/120W
SFP Modules	VERSITRON SFP Modules



SF71060M & SF71060MP Top View

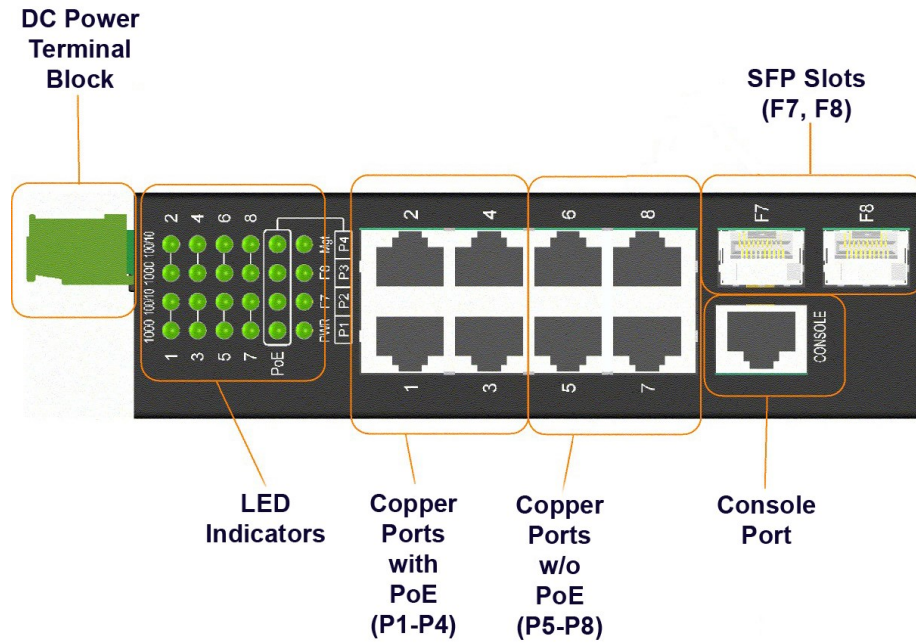
### Technical Specifications cont.

<b>Relay Output:</b>	Alarm: Power Failure, Specific Port Fault Interface: 2 terminal contacts (30VDC/1A max. or 120VAC/0.5A max.)
<b>Web Management:</b>	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
<b>SNMP Support:</b>	SNMP v1, v2c Management MIB-II, Private MIB for PoE Control, Event Traps
<b>DC Power Input:</b>	Screw Terminal Block: 2 pairs of +/- contacts Operating Voltage Range: +7 ~ +60VDC Voltage for PoE Support: +45 ~ +57VDC Powered via PoE (PD): Port 2 (PoE or PoE+ for SF71060M only)
<b>Power Consumption:</b>	9W max. with no PoE Support 150W max. with (4) PoE PSE max. Output
<b>Dimensions:</b>	5.51 x 4.17 x 1.64 inches (WxDxH)
<b>Environment:</b>	Operating Temperature: -40° C ~ +70° C Storage Temperature: -40° C ~ +85° C Relative Humidity: 5% to 95% non-condensing
<b>Approvals:</b>	FCC Class A, VCCI Class A, CE mark Class A, IEC 60950-1 safety, EN 61000-6-4 emission, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2 Immunity for industrial environment, IEC 60068-2-64 Vibration, IEC 60068-2-27 Shock 50G test, NEMA TS2 environment

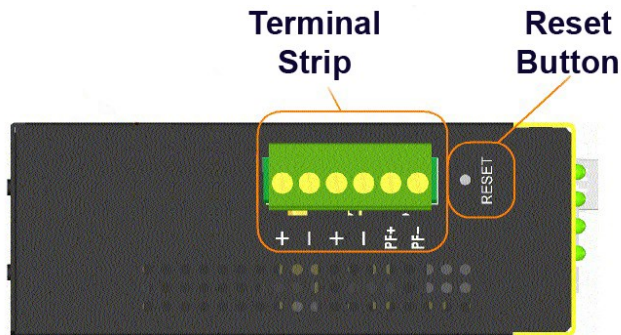
**10-Port 10/100/1000 Industrial Managed Switch with (2) SFP Slots and (4) PoE/PoE+ PSE Ports**

**SF71060M  
SF71060MP**

**Port Configuration**



**Power Connections**



**10-Port 10/100/1000 Industrial Managed Switch  
 with (2) SFP Slots and (4) PoE/PoE+ PSE Ports**
**SF71060M  
 SF71060MP**
**Available SFP Modules**

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
FEMM	100	850nm	MMF	62.5µ: 220m 50µ: 550m	LC	-10 ~ -4	< -24	0 to 70° C
FE2MM	100	1310nm	MMF	2km	LC	-20 ~ -4	< -31	0 to 70° C
FE10SM	100	1310nm	SMF	10km	LC	-15 ~ -8	< -34	0 to 70° C
GBMM	1000	850nm	MMF	62.5µ: 220m 50µ: 550m	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1000	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1000	1310nm	MMF / SMF	MM 62.5µ: 220m MM 50µ: 550m SM 9µ: 10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1000	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1000	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1000	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB100SM	1000	1550nm	SMF	100km	LC	0 ~ +5	< -30	0 to 70° C
GB10SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB60SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	60km	LC	0 ~ +5	< -24	0 to 70° C
GB60SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	60km	LC	-2 ~ +4	< -25	0 to 70° C
GB80SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C
GB80SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C

**CWDM and DWDM modules are also available. Call for details.**