

## 6-Port 10/100/1000Mbps Web Smart Switch with (1) 100/1000Mbps SFP Slot

# SG70660M

### Product Features

- (5) 10/100/1000Mbps RJ-45 ports
- (1) 100/1000Mbps SFP Slot
- Provides in-band Web-based management interface
- Auto-negotiation and auto-MDI/MDI-X detection
- Provides full wire speed forwarding
- Supports 802.3x flow control for full duplex
- Supports back-pressure for half-duplex
- Provides port status, statistic monitoring and control
- Supports port-based and 802.1Q Tag-based VLAN
- Provides QoS function
- Provides port link aggregation (Trunking) function
- Provides port mirroring
- SFP fiber module support (See Page 2)



### Technical Specifications

<b>Standards:</b>	IEEE 802.3, 802.3ab, 802.3u, 802.3x, 802.1Q
<b>Network Ports:</b>	(5) 10/100/1000Mbps Copper Ports (RJ-45) (1) 100/1000Mbps SFP Slot
<b>Copper Ports:</b>	Shielded RJ-45, 10/100/1000Mbps, auto-negotiation, auto-MDI/MDI-X
<b>Fiber Port:</b>	1000Base Full-Duplex Operation
<b>Cables:</b>	10/100Base: Cat5 or higher (100 meters max.) 1000Base: Cat5e or higher (100 meters max.) 1000Base-FX: Multi-Mode or Single-Mode Fiber Optic Cable
<b>Buffer Memory:</b>	112Kb
<b>MAC Addresses:</b>	Table with 8K entries
<b>VLAN:</b>	Port-based VLAN, 802.1Q Tag-based VLAN
<b>QoS:</b>	(4) Priority Queues, Classification: Port-based, 802.1p, IP DSCP
<b>Port Link Aggregation:</b>	Trunking Groups: 2 max., Ports/Group: 2
<b>LED Indication:</b>	Power Status TX Ports: Speed/Link/Act Status FX Port: Speed/Link/Act Status, Optical Link Status
<b>DC Power Input:</b>	Rating: +7.5VDC, 1A Consumption: 3.6Wmax. @ 7.5V
<b>Dimensions:</b>	5.67 x 4.11 x 1.02 inches (WxDxH)
<b>Environment:</b>	Operating Temperature: -0° C ~ +40° C Storage Temperature: -20° C ~ +70° C Relative Humidity: 10% to 90% non-condensing

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### Management Features

- Web-based interface for easy management
- System Settings
- Port Status/Statistics
- Port Control
- VLAN
- QoS
- Link Aggregation
- Port Mirroring
- Firmware Upgrade



### 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.**