

10-Port 10/100/1000 Layer 2 Managed PoE/PoE+ Ethernet Switch with (2) Combo Ports

SG71060MPA

Product Features

- (8) 10/100/1000Mbps Ethernet ports
- Each port provides 15.4W or 25.5W of PoE power
- (2) Combo Ports - Copper or Fiber Optic SFP Slots
- Supports Q-in-Q (Double-tag)
- Supports jumbo frames up to 9K
- Port Mirroring for network monitoring
- Provides port bandwidth control function
- Supports STP, RSTP protocols
- Supports VSM (Virtual Stacking Management)
- Supports port-based and 802.1Q Tag-based VLAN
- Supports 802.1x Access Control for improved security
- Power Saving reduce switch power consumption
- See page 3 for a list of available fiber optic SFP modules



Technical Specifications

Standards:	IEEE 802.3 - 10Base-T Ethernet (Copper Twisted-Pair) IEEE 802.3u - 100Base-TX Ethernet (Copper Twisted-Pair) IEEE 802.3ab - 1000Base-TX (Copper Twisted-Pair) IEEE 802.3z - 1000Base-X Ethernet IEEE 802.3x - Flow Control Capability IEEE 802.3ad - Link Aggregation Control Protocol (LACP) IEEE 802.3af - PoE IEEE 802.3at - PoE+ IEEE 802.1ab - Link Layer Discovery Protocol (LLDP) IEEE 802.1d - Spanning Tree IEEE 802.1p - Class of Service IEEE 802.1Q - VLAN IEEE 802.1w - Rapid Spanning Tree IEEE 802.1x - Access Control
Network Ports:	(8) 10/100/1000Mbps Copper Ports providing PoE/PoE+ power Shielded RJ-45, Auto-Negotiate, Auto-MDI/MDI-X Support (2) Combo Ports - 10/100/1000Base Copper or 100/1000Base Fiber SFP Ports
Network Cables:	10/100Mbps: Cat.5 up to 100m 1000Mbps: Cat.5e or higher up to 100m Multi-mode or Single-mode fiber with LC Connectors
Switching Capacity:	(8) 10/100/1000 ports with non-blocking performance 20Gbps switch capacity 8K MAC addresses Supports jumbo frames up to 9K
VLAN:	Port-Based VLAN 802.1Q Tag-Based VLAN, up to 4K active VLANs MAC-Based VLAN Management VLAN Private VLAM Edge (PVE) Voice VLAN

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Virtual Stacking Mgmt.:	Up to (16) switches can be managed via one IP address Virtual stacking, no extra stacking hardware is required Distributed stacking, no physical central location required
Port Link Aggregation:	Trunking Groups: 5 max., Ports/Group: 10
QoS:	Supports Port-Based , 802.1p and Diffserve (IPv4) QoS packet classification Supports WRR and Strict scheduling Supports 802.1p QoS with (4) Priority Queues Levels
Bandwidth Control:	Supports ingress and egress rate limits, 500Kbps~1000Mbps
Network Security:	802.1x access control Management Access Policy Control (ACL) Access control list IP-MAC-Port binding DHCP Snooping (including DHCP Option 82) SSL/SSH for Management TACACS+ for Management Authentication
PoE Specifications:	(8) IEEE 802.3af PoE/802.3at PoE+ PSE ports End-point with 48VDC through RJ-45 pins 1, 2, 3, 6 PoE - PSE activity LED indicator Auto-detect powered device and consumption levels Supports per port power consumption monitoring Circuit protection to prevent power interference between ports Supports per port PoE state setting Supports per port power priority setting 130 watts of total power available Monitors PD on/off, PD detection, power level, PD status & power feeding priority
LED Indication:	Per Unit: Power Per Port: Link/Activity, Speed, PoE Power Status
Management Support:	Web Browser Software, SNMP v1, SNMP v2c, SNMP v3
Environment:	Operating Temperature: 0° C ~ 40° C Storage Temperature: -20° C ~ 70° C Relative Humidity: 10% to 90% non-condensing
Dimensions:	8.70 x 9.53 x 1.73 inches (WxDxH)
Power:	100-240VAC, 50-60Hz Consumption: 15W (no PoE devices connected) Consumption: 130W (with 8 PoE devices connected)



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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.