

16 & 24-Port 10/100/1000 Web Smart Gigabit Ethernet Switches

SG71660M - 16-Port
SG72460M - 24-Port

Product Features

- 16/24 10/100/1000Mbps Ethernet ports and 4 SFP Ports
- In-band web-based management interface
- Full wire speed forwarding
- Support 802.3x flow control
- Port status, statistic monitoring and control function
- Support port-based and 802.1Q Tag-based VLAN
- QoS function
- LACP link aggregation (trunking) function
- 802.1x port access authentication function
- RSTP, STP function
- Provide port bandwidth control function
- Support jumbo frames
- SFP Fiber Support (See Page 2 for Available SFP Modules)



Technical Specifications

Standards:	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q
Network Ports:	SG71660M - 16 10/100/1000Mbps Gigabit Copper Ports(RJ-45) SG72460M - 24 10/100/1000Mbps Gigabit Copper Ports(RJ-45) Shielded RJ-45, Auto-Negotiate, Auto-MDI/MDI-X Support 4 - 1000Mbps Gigabit Fiber SFP Port
Network Cables:	10/100Mbps: Cat.5 up to 100m 1000Mbps: Cat.5e or higher up to 100m
MAC Address Table:	8K Entries
Buffer Memory:	400KB
VLAN:	Port-Based VLAN, 802.1Q Tag-Based VLAN
Port Link Aggregation:	Trunking Groups: 8 max., Ports/Group: 12 (SG72460M), 12 (SG71660M)
QoS:	4 Priority Queues Per Port - Low, Normal, Medium, High Priority
Port Mirroring:	Mode: Rx Data, Multiple Source Ports, One Sniffer Port
LED Indication:	Per Unit: Power, CPU Status Per Port: Link/Activity, 1000M, 100M Status
Management Support:	Web Browser Software
Management Objects:	System Information, Ports, VLANs, QoS, Aggregation, LACP, RSTP, 802.1x IGMP Snooping, Mirror, Filter, Rate Control, Storm Control, SNMP
Environment:	Operating Temperature: 0° C ~ 50° C Storage Temperature: -20° C ~ 70° C Relative Humidity: 5% to 90% non-condensing
Dimensions:	17.40 x 8.23 x 1.73 inches (WxDxH) (1U, 19" Rack-Mountable)
Power:	100-240VAC, 50-60Hz, Consumption: 30W max.

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802.1Q VLAN:

Groups 24(SG72460M), 16(SG71660M)
 Group VID Value: 1~4094
 Port PVID Value: 1~4094
 Ingress Rules Forward packets with VID equal to PVID
 Egress Rules

- Port Tagging
- Untag the packets with specific VID

Quality of Service(QoS):

- 802.1p-Based Tag Priority
- IP TOS Classification
- IP DiffServ Classification
- TCP/UDP Port L4 Classification
- All are per port classification.



SFP Modules

Model	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
GBMM	850nm	MMF	220m(62.5/125) 550m(50/125)	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1310nm	MMF SMF	550m 10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB10SFA	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFCxx	Tx: xx = 1xx0nm Rx: 1100-1650nm	SMF	40km	LC	-5 ~ 0	< -24	0 to 70° C
GB80SFCxx	Tx: xx = 1xx0nm Rx: 1100-1650nm	SMF	80km	LC	-5 ~ 0	< -24	0 to 70° C