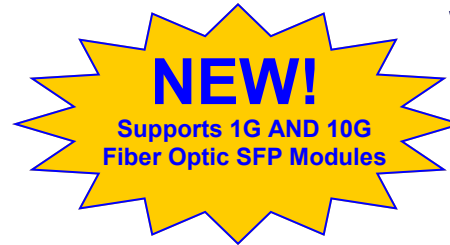


**10-Port 10/100/1000 Web Smart+
Managed Switch with 1G/10G SFP Slots**

SG71070M



Product Features

- (8) 100M/1G/10G Copper Ports
- (2) 1G/10G SFP Slots
- Supports 1G/10Gbps Fiber SFP Modules
- Supports DHCP Snooping & DHCP Client
- Supports jumbo frames up to 9K
- Port Mirroring for network monitoring
- Supports IPv6
- Supports STP, RSTP and MSTP protocols
- Supports Static ARP & ARP Inspection
- Supports Port-Based and 802.1Q Tag-based VLAN
- Supports 802.1x Access Control for improved security



Technical Specifications

General	
Network Ports:	<ul style="list-style-type: none"> • (8) 100M/1G/10G Copper Ports • (2) 1G/10G SFP Slots • Shielded RJ-45, Auto-Negotiate, Auto-MDI/MDI-X Support • Back-pressure flow control for half-duplex • 802.3x flow control for full-duplex
Network Cables:	<ul style="list-style-type: none"> • 100Mbps: Cat.5 up to 100m • 1Gbps: Cat.5e or higher up to 100m • 10Gbps: Cat.6 or higher up to 100m • Multi-mode or Single-Mode fiber with LC Connectors
Switching Capacity:	<ul style="list-style-type: none"> • 200Gbps switch capacity • Supports jumbo frames up to 9K



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Technical Specifications

Layer 2 Switching	
Spanning Tree:	<ul style="list-style-type: none"> Standard Spanning Tree (STP) 802.1d Rapid Spanning Tree (RSTP) 802.1w Multiple Spanning Tree (MSTP) 802.1s
Trunking:	<ul style="list-style-type: none"> Link Aggregation Control Protocol (LACP) IEEE 802.3ad Up to 14 Groups
VLAN:	<ul style="list-style-type: none"> Port-Based VLAN 802.1Q Tag-Based VLAN, up to 4K active VLANs MAC-Based VLAN Management VLAN Protocol-based VLAN Guest VLAN Q-in-Q (double tag) VLAN Private VLAN Edge (PVE)
Voice VLAN:	Voice traffic is automatically assigned to a Voice-Specific VLAN
IGMP:	<ul style="list-style-type: none"> Snooping v1/v2/v3, supports 1024 multicast groups Querier Proxy MLD v1/v2 snooping
Security	
IP Source Guard:	Prevents illegal IP addresses from accessing the switch
Storm Control:	Prevents LAN traffic from being disrupted by broadcast, multicast, or unicast storm
ACLs:	<ul style="list-style-type: none"> Supports up to 256 entries Manage Drop or Rate Limitation

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Technical Specifications

Quality of Service	
Hardware Priority Queue:	Supports 8 hardware queues
Scheduling:	<ul style="list-style-type: none"> • Strict priority and weighted round-robin (WRR) • Queue assignment base on DSCP and class of service (802.1p/CoS)
Classification:	Port-based, 802.1p VLAN priority based, IPv4/IPv6 precedence/type of service (ToS)/DSCP based, DiffServ, classification and re-marking ACLs, trusted QoS
Rate Limiting:	Ingress policy, Egress sharing and rate control, per VLAN/Port/Flow Based
Management	
Web GUI Interface:	Built-in switch utility supports configuration, maintenance, and monitoring
Dual Image:	Provides independent primary and secondary OS files for upgrading backup
SNMP:	<ul style="list-style-type: none"> • SNMP v1/v2c/v3 with support for traps • SNMP v3 user-based security model (USM)
DHCP:	<ul style="list-style-type: none"> • DHCP Client • DHCP Snooping
Port Mirroring:	<ul style="list-style-type: none"> • For analysis with a network analyzer or RMON probe • One session is supported
Management Support:	Single IP, HTTP/HTTPS, SSH, RADIUS, DHCP Client/DHCPv6 Client, SNTP, Cable Diagnostics, Ping, Syslog, Telnet
Mechanical	
Dimensions:	<ul style="list-style-type: none"> • 8.66 x 9.5 x 1.73 inches (WxDxH) • Weight: 4.2 Pounds
Power:	100-240VAC, 50-60Hz
Temperature:	<ul style="list-style-type: none"> • Operating: -10°C to 50°C • Storage: -20°C to 70°C • Humidity: 10% to 90% relative, non-condensing
Certifications:	<ul style="list-style-type: none"> • CE Mark • FCC Part 15, Class A

**10-Port 10/100/1000 Web Smart+
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SG71070M
Available SFP Modules

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
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
10GBMM	10G	850nm	MMF	62.5µ: 30m 50µ: 80m OM3: 300m	LC	-7 ~ -1	< -10	0 to 70° C
10GB10SM	10G	1310nm	SMF	10km	LC	-6 ~ +1	< -14	0 to 70° C
10GB40SM	10G	1550nm	SMF	40km	LC	-1 ~ +2	< -16	0 to 70° C
10GB80SM	10G	1550nm	SMF	80km	LC	0 ~ +4	< -23	0 to 70° C

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