

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

SG71060MPA

## Technical Specifications

<b>Standards:</b>	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
<b>Network Ports:</b>	(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
<b>Network Cables:</b>	10/100Mbps: Cat.5 up to 100m 1000Mbps: Cat.5e or higher up to 100m Multi-mode or Single-mode fiber with LC Connectors
<b>Switching Capacity:</b>	(8) 10/100/1000 ports with non-blocking performance 20Gbps switch capacity 8K MAC addresses Supports jumbo frames up to 9K
<b>VLAN:</b>	Port-Based VLAN 802.1Q Tag-Based VLAN, up to 4K active VLANs MAC-Based VLAN Management VLAN Private VLAN Edge (PVE) Voice VLAN

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<b>Virtual Stacking Mgmt.:</b>	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
<b>Port Link Aggregation:</b>	Trunking Groups: 5 max., Ports/Group: 10
<b>QoS:</b>	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
<b>Bandwidth Control:</b>	Supports ingress and egress rate limits, 500Kbps~1000Mbps
<b>Network Security:</b>	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
<b>PoE Specifications:</b>	(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
<b>LED Indication:</b>	Per Unit: Power Per Port: Link/Activity, Speed, PoE Power Status
<b>Management Support:</b>	Web Browser Software, SNMP v1, SNMP v2c, SNMP v3
<b>Environment:</b>	Operating Temperature: 0° C ~ 40° C Storage Temperature: -20° C ~ 70° C Relative Humidity: 10% to 90% non-condensing
<b>Dimensions:</b>	8.70 x 9.53 x 1.73 inches (WxDxH)
<b>Power:</b>	100-240VAC, 50-60Hz Consumption: 15W (no PoE devices connected) Consumption: 130W (with 8 PoE devices connected)