The SMC EZ Switch™ 10/100/1000 (SMCGS8P-Smart) is an 8-port 10/100/1000 gigabit smart switch with PoE that brings the speed of gigabit ethernet to the desktop and the flexibility of PoE. Equipped with 8 auto-MDIX ports and 1 combo SFP port this gigabit switch is suitable for enterprise or SMB environments that demand high performance and flexible PoE installation. Power over Ethernet enables you to install wireless access points, IP cameras or VOIP phone systems without the need to run extra power sockets. The SMCGS8P-Smart also provides a flexible web based management interface to enable the configuration of switch features, port settings including security, QoS with 4 priority queues, link aggregation, VLAN's and PoE. These features allow traditionally unmanaged networks to increase throughput and flexibility. Security is becoming critical in next generation networks so this switch has added security features to protect your network. SMC has brought together ease of use, critical features and the flexibility of PoE the SMCGS8P-Smart is ideal for desktop or wiring closest edge configuration.

### OVERVIEW

The SMC EZ Switch™ 10/100/1000 (SMCGS8P-Smart) is an 8-port 10/100/1000 gigabit smart switch with PoE that brings the speed of gigabit ethernet to the desktop and the flexibility of PoE. Equipped with 8 auto-MDIX ports and 1 combo SFP port this gigabit switch is suitable for enterprise or SMB environments that demand high performance and flexible PoE installation. Power over Ethernet enables you to install wireless access points, IP cameras or VOIP phone systems without the need to run extra power sockets. The SMCGS8P-Smart also provides a flexible web based management interface to enable the configuration of switch features, port settings including security, QoS with 4 priority queues, link aggregation, VLAN's and PoE. These features allow traditionally unmanaged networks to increase throughput and flexibility. Security is becoming critical in next generation networks so this switch has added security features to protect your network. SMC has brought together ease of use, critical features and the flexibility of PoE the SMCGS8P-Smart is ideal for desktop or wiring closest edge configuration.

### FEATURES

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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<tr>
<td>10/100/1000 Gigabit Copper Ports and 1 combo ports (RJ-45/SFP)</td>
<td>Provides high speed and legacy connections to all nodes on the network, thereby ensuring a migration path for network installations</td>
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<tr>
<td>PoE on non-Combo Copper ports</td>
<td>IEEE802.3af supporting up to 15.4W - Maximum of 60W per device</td>
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<tr>
<td>Smart Web Management</td>
<td>Flexible and easy to use web interface enables quick installation for any user</td>
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<tr>
<td>Flexible QoS</td>
<td>Allows prioritisation based on 802.1p and DSCP (eg 46 for expedited forwarding) using 4 priority queues</td>
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<td>Configurable 802.1Q VLAN</td>
<td>Allows both port and tag based VLANs</td>
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<td>Static Link Aggregation</td>
<td>Allows up to 4 ports within a single aggregation</td>
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<tr>
<td>Cable Diagnostics</td>
<td>Enables easy debugging of cable faults</td>
</tr>
<tr>
<td>Auto-MDIX ports</td>
<td>No crossover cables required, pure plug and play</td>
</tr>
<tr>
<td>Compact chassis size</td>
<td>Chassis ideal for desktop or rack mounting applications</td>
</tr>
<tr>
<td>Limited Lifetime Warranty</td>
<td>Investment protection and quality assurance</td>
</tr>
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www.smc.com
TECHNICAL SPECIFICATIONS

SMCG8P-SMART

PORTS
• 8 Auto-MDIX 10BASE-T/100BASE-TX/1000BASE-T RJ-45 ports
• 1 Combo SFP ports

NETWORK INTERFACE
• 10BASE-T: RJ-45 UTP CAT. 3,4,5
• 100BASE-TX: RJ-45 UTP Cat. 5
• 1000BASE-T: RJ-45 connector
• Multimode fiber cable; 62.5/125 or 50/125 microns
• Singlemode fiber cable; 9/125 micron

SWITCH FABRIC
• 16Gbps

SWITCHING DATABASE
• 4K MAC address entries

LED
• System: Power
• Port: Link/Act; Status of SFP ports; PoE
• 1000/100M

WEIGHT
• 2.06Kg
• 4.54lbs

SIZE
• 33.0 x 20.3 x 4.4 cm
• 12.99 x 7.99 x 1.73in

MEMORY BUFFER
• 144Kbytes

POWER CONSUMPTION
• 165W (full PoE Load)
• AC Input - 100 to 240V, 5-60Hz, 1.5A
• Maximum Current - 1.5A@110VAC, 0.75A@220 VAC

TEMPERATURE
• Operating: 0 to 45 °C (32 to 114 °F)
• Storage: -40 to 70 °C (-40 to 158 °F)

HUMIDITY
• 10% to 90% (non-condensing)

MANAGEMENT FEATURES
• In-Band Management
• Web-based HTTP and SNMP
• Software Loading
• HTTP InBand

SWITCH FEATURES
• Forwarding Mode
• Store-and-forward
• VLAN Support
• Up to 255 groups; port-based or with 802.1Q
• VLAN tagging
• Quality of Service
• Supports four levels of priority with flexible classification and prioritization based on 802.1p / DSCP
• Port Trunking
• Port Mirroring
• Rate limiting
• Jumbo Frame support

• Cable Diagnostics
• IP Filter
• Static Port Security
• IGMP Snooping

STANDARDS
• IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet,
• IEEE802.1p Priority tags
• IEEE802.1Q VLAN
• IEEE802.1ac VLAN tagging

EMC/SAFETY COMPLIANCES
• CE Mark

IMMUNITY
• EN 61000-4-2/3/4/5/6/8/11

EMISSIONS
• FCC Class A, CISPR Class A, EN 61000-3-2/3
• VCCI Class A

SAFETY
• CSA/CUS (CSA60950-1 & UL60950-1)
• TUV / GS EN60950-1
• CB IEC60950-1

WARRANTY
• Limited lifetime

SMCGSFP-SX
• 1G SX SFP Transciever, 550M, Multimode fiber

SMCGSFP-LX
• 1G LX SFP Transciever, 10Km, Singlemode fiber

SMCGSFP-ZX
• 1G LH SFP Transciever, 70Km Singlemode fiber

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