SMCGS8P-Smart

EZSwitch™ 10/100/1000 8 Port Gigabit Web Managed
Smart Switch including 1 Combo port (RJ-45/SFP)

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 with 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 installations. 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 into one package. The SMCGS8P-Smart is ideal for desktop or wiring closest edge configurations.

KEY FEATURES

10/100/1000 Gigabit Copper Ports and 1 combo port (RJ-45/SFP)

The gigabit Ethernet ports provide high speed and legacy connections to all nodes on the network, while the combo port allows fiber connections to be connected, thereby ensuring a migration path for network installations.
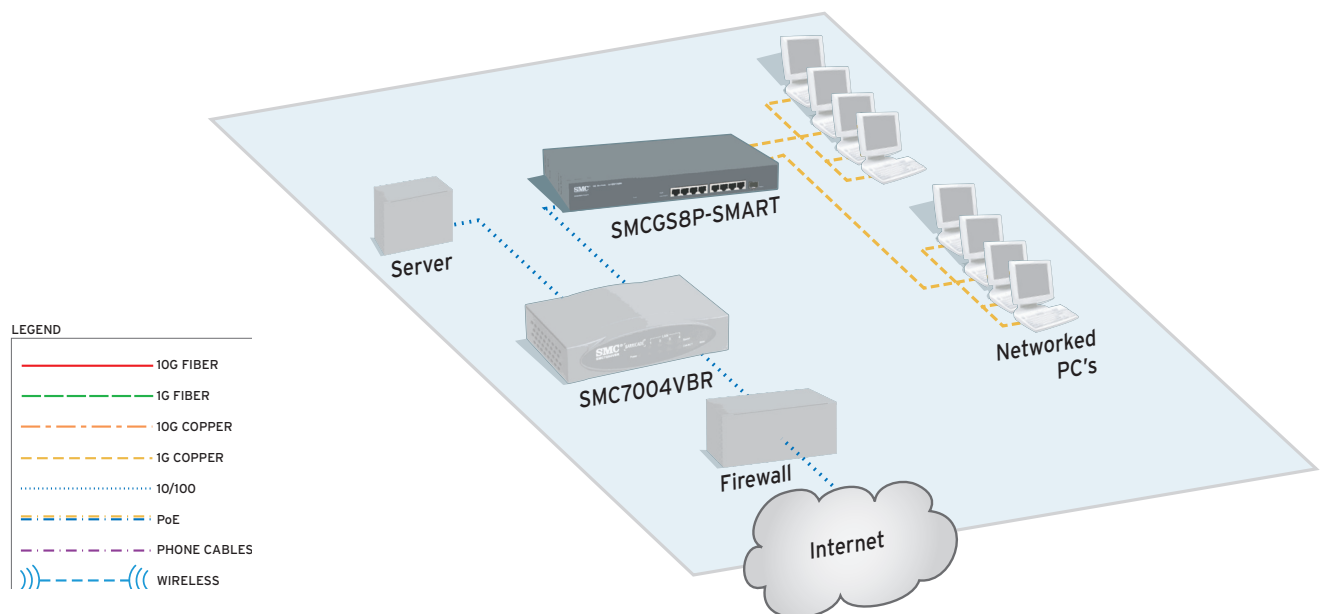
Flexible QoS and VLAN

Qos allows prioritization based on 802.1p and DSCP using 4 priority queues for better network performance and VLAN support both port and tag based VLANs for more efficient management.

Smart Web Management

Flexible and easy to use web interface enables quick installation and configuration for any user

Power over Ethernet Capability

With IEEE802.3af compliant PoE on non-Combo Copper ports, devices such as VoIP Phones and IP cameras can be installed without running separate power lines. Maximum of 62W per device.

APPLICATION DIAGRAM

LEGEND

— 10G FIBER
--- 1G FIBER
—·— 10G COPPER
--- 1G COPPER
···· 10/100
—·—·— PoE
—·—·— PHONE CABLES
)))—--(((WIRELESS

SIDEBAR: SWITCHES | VDSL | WIRELESS | VOIP | STORAGE | BROADBAND | ADAPTERS

SWITCHES

VDSL

WIRELESS

VOIP

STORAGE

BROADBAND

ADAPTERS

TECH SPECS - SMCGS8P-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
- Single-mode 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
- 144 Kbits

POWER CONSUMPTION
- 165W (full PoE Load) Maximum
- 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 In-Band

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
- 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
- Please check www.smc.com for the warranty terms in your country/region

SMC1GSFP-SX
- 1G SX SFP Transciever, 550M, Multimode fiber

SMC1GSFP-LX
- 1G LX SFP Transciever, 10Km, Singlemode fiber

SMC1GSFP-ZX
- 1G LH SFP Transceiver, 70Km, Single-mode fiber

CONTACT

North America
20 Mason
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information

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