



SMCGS24C-Smart

EZSwitch™ 10/100/1000 24 Port Gigabit
Web Managed Smart Switch including 4 Combo ports (RJ-45/SFP)

OVERVIEW

SMC Networks' EZ Switch 10/100/1000 (SMCGS24C-Smart) is a new 24 port gigabit smart switch with 4 combo ports that bring the speed of gigabit copper to the desktop with the added flexibility of fiber. SMCGS24C-Smart 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 and VLANs. 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. Ideal for users looking to migrate from unmanaged to managed networks, this Smart switch is easy to install and provides 10 times the throughput of 100M switches. Notebook and desktop computers are being configured with 1000BASE-T Ethernet ports, combined with SMC's gigabit Smart switches, computers on your network will work to their fullest potential; downloading files from the server or other central network resources, better control and configuration options, non-blocking wire-speed throughput, and scalable solutions for increased performance and productivity needs. The SMCGS24C-Smart switch is a perfect solution for enterprise and SOHO businesses.

KEY FEATURES

10/100/1000 Gigabit Copper Ports and 4 combo ports (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. These ports allows for maximum flexibility for the connections in any network.

Smart Web Management

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

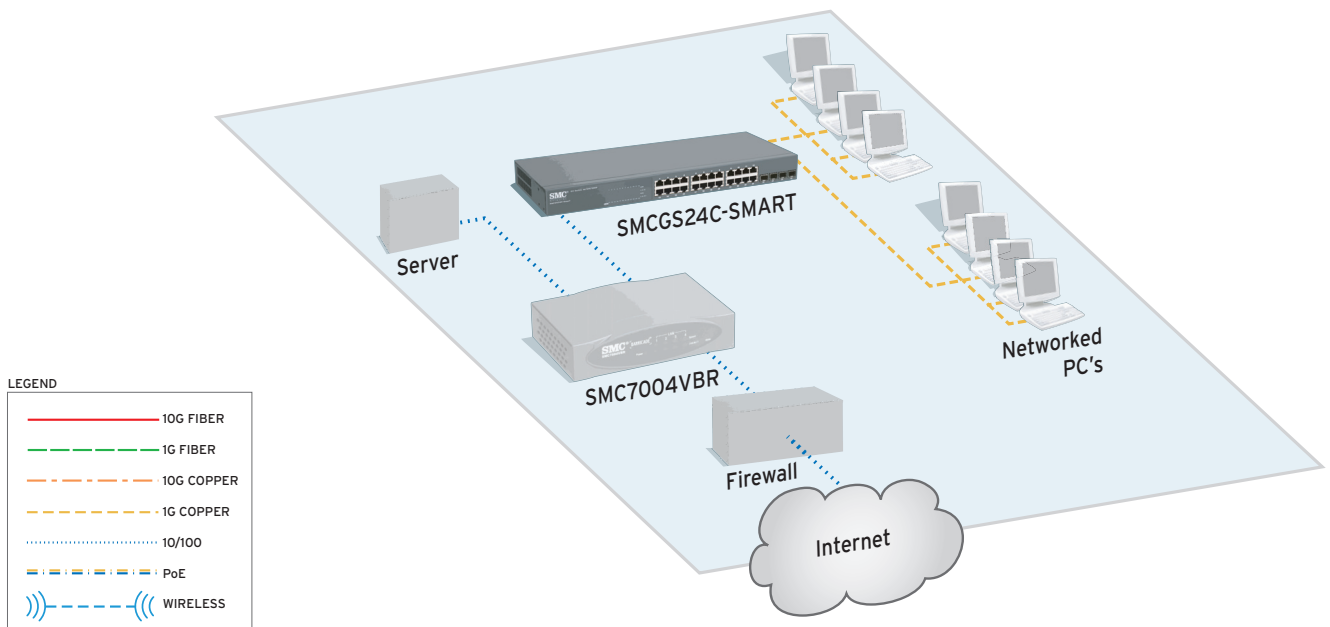
Flexible QoS and VLAN

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.

Allows up to 8 ports within a single aggregation

Link aggregation eliminates bottlenecks in any network.

APPLICATION DIAGRAM



TECH SPECS - SMC GS24C-SMART

PORTS

- 24 Auto-MDIX 10BASE-T/100BASE-TX/1000BASE-T RJ-45 ports
- 4 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
- Multi-mode fiber cable; 62.5/125 or 50/125 microns
- Single-mode fiber cable: 9/125 micron

SWITCH FABRIC

- 48Gbps

SWITCHING DATABASE

- 8K MAC address entries

LED

- System: Power
- Port: Link/activity
- 1000/100M

WEIGHT

- 3.72kg
- 8.44 lbs

SIZE

- 44.0 x 17.5 x 4.4cm
- 17.4 x 6.9 x 1.8 in.

MEMORY BUFFER

- 400 Kbits

POWER CONSUMPTION

- 28 Watts

TEMPERATURE

- Operating: 0 ~ 40 °C / 32 ~ 104 °F
- Storage: -40 ~ 70 °C / -40 ~ 158 °F

HUMIDITY

- 10% to 90% (non-condensing)

MANAGEMENT FEATURES

- In-Band Management
- Web-based HTTP
- 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

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

SMC1GSFP-SX

- 1G SX SFP Transceiver, 550M, Multimode fiber

SMC1GSFP-LX

- 1G LX SFP Transceiver, 10Km, Singlemode fiber

SMCBGZLCX1

- 1G LH SFP Transceiver, 70Km Singlemode 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

© 2009 SMC Networks. SMC and the SMC logo are registered trademarks of SMC Networks in the United States or other countries. Other trademarks or registered trademarks are the property of their respective owners. Information is subject to change without notice. All rights reserved.

2/2009