



Unmanaged Switch

SMCGS16-Smart / SMCGS24-Smart
EZSwitch 10/100/1000
16 and 24 Port Gigabit Web Managed Smart Switches



OVERVIEW

SMC Networks' EZSwitch 10/100/1000 (SMCGS16-Smart/SMCGS24-Smart) are 16 and 24 port gigabit smart switches that bring the speed of gigabit copper to the desktop combined with user friendly web based configuration. SMCGS16-Smart and SMCGS24-Smart provide a flexible web based management interface to enable the configuration of port settings, QoS (IP Port, DSCP and 802.1p), link aggregation and VLAN's. These features allow traditionally unmanaged networks to increase throughput and security which is becoming critical in next generation networks. Ideal for users looking to migrate from unmanaged to managed networks, these Smart switches are easy to install and provide 10 times the throughput than 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 sever 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 SMCGS16-Smart and SMCGS24-Smart are a perfect solution for enterprise and SOHO businesses.

FEATURES	BENEFITS
10/100/1000 Gigabit Copper Ports	Provides high speed and legacy connections to all nodes on the network, thereby ensuring a migration path for network installations.
Smart Web Management	Flexible and easy to use web interface enables quick installation for any user
Flexible QoS	Allows prioritisation based on 802.1p, IP Port (eg Port 80 for HTTP), DSCP (eg 46 for expedited forwarding)
Configurable 802.1Q VLAN	Allows both port and tag based VLANs
Static Link Aggregation	Allows up to 8 ports within a single aggregation
Auto-MDIX ports	No crossover cables required, pure plug and play
Fanless operation (Applies to SMCGS16-Smart only)	Ideal of desktop installation due to the switch not requiring fans.
Compact chassis size	Chassis ideal for desktop or rack mounting applications
Limited Lifetime Warranty	Investment protection and quality assurance



TECHNICAL SPECIFICATIONS

SMCGS16-Smart / SMCGS24-Smart

PORTS

- SMCGS16-Smart: 16 Auto-MDIX 10BASE-T/100BASE-TX/1000BASE-T RJ-45 ports
- SMCGS24-Smart: 24 Auto-MDIX 10BASE-T/100BASE-TX/1000BASE-T RJ-45 ports

NETWORK INTERFACE

- 10BASE-T: RJ-45 UTP CAT. 3,4,5
- 100BASE-TX: RJ-45 UTP Cat. 5
- 1000BASE-T: RJ-45 connector

SWITCH FABRIC

- SMCGS16-Smart - 32Gbps
- SMCGS24-Smart - 48Gbps

SWITCHING DATABASE

- 8K MAC address entries

LED

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

WEIGHT

- SMCGS16-Smart: 2.0 kg (4.04 lbs)
- SMCGS24-Smart: 2.2 kg (4.85 lbs)

SIZE

- 33 x 20.4 x 4.4 cm (12.99 x 8.04 x 1.73 in.)

MEMORY BUFFER

- SMCGS16-Smart: 272 Kbits on-chip frame buffer
- SMCGS24-Smart: 400 Kbits on-chip frame buffer

POWER CONSUMPTION

- SMCGS16-Smart: 15.8 Watts
- SMCGS24-Smart: 24.2 Watts

TEMPERATURE

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

HUMIDITY

- 5% to 95% 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 8 groups; port-based or with 802.1Q
 - VLAN tagging
 - Quality of Service
 - Supports two levels of priority with flexible classification and prioritization based on 802.1p / IP Port / DSCP
- Port Trunking
- Port Mirroring
- Rate limiting
- Jumbo Frame support

STANDARDS

- IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet,
- IEEE802.1D Spanning Tree Protocol and traffic priorities,
- 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

SAFETY

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

WARRANTY

- Limited lifetime

Contact

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