

SMC8014WG-BIZ EZ Connect™ 2.4GHz 54Mbps Commercial Wireless Cable Modem Gateway



OVERVIEW

The new SMC EZ Connect™ Wireless Cable Modem Gateway is a cable modem with an integrated 4-port 10/100 dual speed switch and 802.11G wireless access point, bringing an all in one solution to the home and office. The Gateway has a DOCSIS 2.0/Cable Home 1.1 certified cable modem to insure interoperability with existing cable systems. The SMC8014WG-BIZ also includes advanced firewall protection and configurable parental controls to protect anyone on your home or office network from unwanted intruders and offensive web content. It provides support for VPN connections with PPTP, L2TP, and IPsec pass through to allow any user remote access to their corporate LAN.

The SMC EZ Connect™ Wireless Cable Modem Gateway has an integrated firewall, including Stateful Packet Inspection (SPI) to provide a high level of security against hacker invasions, such as Denial of Service (DoS) attacks. The SPI firewall analyzes individual data packets as they pass through the gateway, to ensure that only authorized data is allowed access to your network. Built in parental controls allow parents to decide what content is suitable for their children. In addition, the SMC8014WG-BIZ supports other advanced features such as port forwarding, remote management, URL blocking, DMZ, and a built-in DHCP server.

For wireless connectivity, the SMC EZ Connect Gateway supports 802.11g communication at data rates of up to 54Mbps. To secure all wireless communication, the SMC8014W-G supports MAC address filtering, 64/128-bit WEP, WPA, and disable SSID broadcast. It also comes with two detachable antennas for the addition of any one of SMC's 2.4GHz high gain antennas for increased range and coverage. Configuration is also made simple with an easy to use web interface for management and configuration changes. Remote management is supported so you can manage the SMC8014WG-BIZ from anywhere as long as you have an internet connection.

FEATURES	BENEFITS
Complies with DOCSIS 2.0 and CableHome 1.1	Fully interoperable with all DOCSIS cable networks
Share your Cable connection across multiple computers	Allows your single cable connection to be used by multiple computers. Share files, printers and other devices on a network.
Enjoy wireless freedom with built in 802.11g	Wireless operation with support of up to 54Mbps using 802.11g
Configurable Parental Controls	The simple web interface empowers parents or administrators with the ability to limit access by date/time, key-words or site addresses.
Advanced Firewall Protection	The SPI firewall can monitor and analyze all the information entering your network. It also provides a higher level of security that can protect your network from Denial of Service (DoS) attacks that will disrupt internal communications.
VPN termination via L2TP, PPTP, and IPsec	VPN termination support allows remote user access to your corporate infrastructure or communication between offices



TECHNICAL SPECIFICATIONS

SMC8014WG-BIZ

COMPATIBILITY

- Platform independent - works with PC or Mac
- DOCSIS 2.0/Cable Home 1.1 compliant
- IEEE 802.3, 802.3u and 802.11b/g compliant
- SPI firewall is ICSA certified
- USB 1.1

PORTS

- 4 10/100 BASE-TX RJ45
- 1 USB 1.1 Connector Type B
- 1 IEEE 802.11b/g
- Cable Interface F type female 75ohm

CABLE MODEM FEATURES

- DOCSIS 2.0 certified
- 64/256QAM auto detection
- Supports maximum DOCSIS transfer rates
- Independent resets for downstream and upstream blocks
- Fragmentation and concatenation enabling Quality of Service (QoS) features
- Supports 16 Service Identifiers (SIDs) in downstream
- Supports 64/128/256 bit RC4 authentication and encryption

NETWORKING

- IEEE 802.1d compliant bridging
- DHCP Client
- DHCP Server
- DNS Relay
- ARP
- ICMP
- FTP/TFTP
- Telnet
- SSH
- Radius
- TACACS+
- RIP v1/2

SECURITY

- Password protected configuration access
- Stateful Packet Inspection (SPI) Firewall
- Network Address Translation (NAT)
- Application Level Gateways (ALG)
- Intrusion Detection
- Denial of Service (DoS) prevention
- Trojan Horse Prevention
- Smart Tracking
- Domain Validation
- Multiple User Profiles
- Dynamic Address-User Mapping

- Web based authentication
- Comprehensive Logging
- NAT 1-1 Mappings
- VPN Termination
 - IPsec
 - PPTP
 - L2TP

OUTPUT POWER

- -54Mbps OFDM: +12~ 14dBm; 11Mbps CCK: 18dBm

RECEIVE SENSITIVITY

- -72dBm at 54Mbps, 10% PER
- -72dBm at 48Mbps, 10% PER
- -75dBm at 36Mbps, 10% PER
- -79dBm at 24Mbps, 10% PER
- -82dBm at 18Mbps, 10% PER
- -83dBm at 22Mbps, 8% PER
- -84dBm at 12Mbps, 10% PER
- -82dBm at 11Mbps, 8% PER
- -87dBm at 9Mbps, 10% PER
- -88dBm at 6Mbps, 10% PER
- -85dBm at 5.5Mbps, 8% PER
- -86dBm at 2Mbps, 8% PER
- -89dBm at 1Mbps, 8% PER

CONNECTORS

- 2 - RP-SMA

FREQUENCY

- 2.412-2.483GHZ

ENCRYPTION

- 56-bit/128-bit DES
- 64-bit/128-bit WEP

OPERATING ENVIRONMENT

- Operating Temp. 0°C to 40°C / 32°F to 104°F
- Storage Temp. -20°C to 70°C / -4°F to 158°F
- Operating Humidity 10% to 85% Non-Condensing
- Storage Humidity 5% to 90% Non-Condensing

CERTIFICATION

- FCC Part 15B Class B
- FCC Part 68
- CD mark EN55024
- FCC Part 15C Class B
- CE Class B
- VCCI Class B
- CSA International
- UL

SIZE

- 130 x 85 x 32mm / 5.12 x 3.35 x 1.26 in

WEIGHT

- 370g / 13.05oz

REGULATORY APPROVALS

- CSA
- FC Part 15B Class B
- FCC Part 68
- FCC Part 15C Class B
- CE mark EN55024

LEDs

- Power, Diag, Cable, Traffic, Wireless, USB, Ethernet

POWER

- 12V/1.25A

WARRANTY

- Limited Lifetime

Contact

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