SMC®
Networks

SMC8014W-G
EZ Connect™ 2.4GHz 54Mbps Wireless Cable Modem Gateway

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 SMC8014W-G supports other advanced features such as port forwarding, remote management, URL blocking, DMZ, and a built-in DHCP server.

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 SMC8014W-G also includes advanced firewall protection and configurable parental controls to protect anyone on your home of 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.

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 SMC8014W-G 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
EZ Click Installation Wizard	A simplified, easy way to install your home network. With a few clicks, you're up and running!
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 tunneling via L2TP, PPTP and IPSec pass-through	VPN pass-through support allows remote users secure access to their corporate infrastructure

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 Server (QoS) features
• Supports 16 Service Identifiers (SIDs) in downstream Wireless Interface
• 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

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

OPERATING ENVIRONMENT
• Operating Temp. 0oC to 40oC (32oF to 104oF)
• Storage Temp. -20oC to 70oC (-4oF to 158oF)
• Operating Humidity 10% to 85% Non-Condensing
• Storage Humidity 5% to 90% Non-Condensing

ENCRYPTION
• 56-bit/128-bit DES
• 64-bit/128/256-bit WEP

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