The 802.11g 54Mbps Wireless Router (SMCWBR14-G2) is the perfect networking solution for the user that is looking for a simple, all-in-one home or small office network product.

This platform independent multi-functional router combines a 4-port 10/100 Mbps dual-speed switch with Automatic MDI-MDIX feature, and a high speed 54Mbps wireless access point with security features that include 802.1x for authentication, Wi-Fi Protected Access (WPA), MAC address filtering and 64/128-bit Wired Equivalent Privacy (WEP).

The SMCWBR14-G2 also includes a firewall with Stateful Packet Inspection, web-based network management and support for Virtual Private Network (VPN) pass-through for secure remote office connections.

Supporting NAT, the SMCWBR14-G2 can provide simultaneous Internet access for multiple PCs using a single purchased IP address.

Finally, installation is made simple and straightforward with the EZ 3-Click Installation Wizard utility.

### FEATURES
- Share your Cable/DSL connection
- EZ 3-Click Installation Wizard
- 802.11g/ 802.11b compliant High Speed Wireless LAN connection
- 4-port 10/100 Mbps Auto MDI-MDIX switch and one detachable antenna
- Stateful Packet Inspection (SPI) Firewall
- Access Control and URL Blocking

### BENEFITS
- Ability to connect to cable/xDSL modem for instant internet access. Allows a single broadband Internet connection to be used by multiple computers. Share files, printers, and other devices on a network.
- A new and improved way to install your Wireless Barricade. In 3 simple clicks, you will be connected to the Internet.
- The new Barricade G offers a high data rate that is up to 5 times faster than the widely used 802.11b wireless LAN and is backward compatible with existing 802.11b network devices.
- Multi-port auto-sensing switch for integration to your wired LAN with Auto MDI-MDIX support. No need for the use of crossover cable. One detachable antenna can be replaced with SMC high gain antennas for added performance and coverage.
- Robust Stateful Packet Inspection firewall provides a high level of security against Denial of Service (DoS) attacks. The SPI firewall analyzes each individual data packet as it passes through SMCWBR14-G2 and ensures that only authorized packets can access the local network.
- Access Control based on a predefined-scheduled time, IP address filtering, and MAC Address Filtering. Parental control to protect your family with URL blocking capability. Provides secure data transmissions across the network.
TECHNICAL SPECIFICATIONS

SMCWB14-G2

STANDARDS
• IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g

WAN INTERFACE
• 10BASE-T/100BASE-TX

LAN INTERFACES
• 10BASE-T/100BASE-TX
• 4 RJ-45 ports

DATA RATES
• 1/2/5.5/6/9/11/12/18/24/36/48/54 Mbps with Automatic Fallback

FREQUENCY BAND
• IEEE 802.11b/g Radio: 2.4 GHz
• USA - FCC 2412~2462MHz (Ch1~Ch11)
• Canada - IC2412~2462MHz (Ch1~Ch11)
• Europe - ETSI 2412~2472MHz (Ch1~Ch13)
• Japan - STD-T66/STD-332412~2484MHz (Ch1~Ch14)

MODULATION TYPE
• OFDM, CCK
• Operating Channels
• 11 channels (US, Canada)
• 13 channels (ETS1)
• 14 channels (Japan)

ANTENNA TYPE
• 1 Dipole antenna with RP-SMA connector

ANTENNA GAIN
• 1.43 dBi

SENSITIVITY MODULATION RATE
• Modulation Rate Receive Sensitivity Typical (dBm)
  • 802.11b - 1Mmps -90
  • 802.11b - 2Mbps -88
  • 802.11b - 5.5Mbps -85
  • 802.11b - 11Mbps -82
  • 802.11g - 6Mbps -88
  • 802.11g - 9Mbps -87
  • 802.11g - 12Mbps -84
  • 802.11g - 18Mbps -82
  • 802.11g - 24Mbps -79
  • 802.11g - 36Mbps -76
  • 802.11g - 48Mbps -68
  • 802.11g - 54Mbps -68

RF OUTPUT POWER
• Modulation Rate Output Power 15 dBm + 2dB

MANAGEMENT
• Web-based management

ADVANCED FEATURES
• Dynamic IP Address Configuration - DHCP, DNS
• Wireless Security - 64/128-bit WEP/TKIP/AES-CCM/AES-OBW
• 802.1x, SSID broadcast disabled, MAC address filtering
• Firewall - SPI, Access Control, Event Logging
• Virtual Server via NAT
• Virtual Private Network - PPTP, L2TP, IPSec pass-through
• Intrusion Detection, email Alerts, Parental Control
• Wireless Distribution System (WDS)
• DDNS, UPnP, Port Forwarding

INDICATOR PANEL
• Power, WLAN, WAN (Link, Activity), LAN (Link/Activity, Speed - 10/100 Mbps)

DIMENSIONS
• 155 x 130 x 26 mm
• 6.10 x 5.12 x 1.02 in

WEIGHT
• 410 g
• 14.46 oz

INPUT POWER
• 12 VDC 1A
• EU: DV-1280-3UP

POWER CONSUMPTION
• 5 Watts max. @ 100-240 VAC

INTERNET STANDARDS

TEMPERATURE
• Operating 0 to 40ºC
• 32º to 104ºF
• Storage -40º to 70ºC
• -40º to 158ºF

HUMIDITY
• 5% to 95% (non-condensing)

COMPLIANCES
• CE Mark

EMISSIONS
• FCC Class B
• VCCI Class B
• Industry Canada Class B
• EN55022 (CISPR 22) Class B
• C-Tick - AS/NS 3548 (1995) Class B

IMMUNITY
• EN 61000-3-2/3
• EN 61000-4-2/3/4/5/6/8/11
• DGT LP0002: 2004

SAFETY
• CSA/NRTL (UL1950, CSA 22.2.950)
• GS (EN60950)
• CB (IEC60950)

WARRANTY
• Limited Lifetime

Contact

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Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

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