

**SMCWBR11-G
Barricade™g 802.11g 54 Mbps Mini Wireless Router/AP**



OVERVIEW

The Barricade™g 802.11g 54Mbps Mini Wireless Router/AP (SMCWBR11-G) is the perfect networking solution for the user that is looking for a simple, easy to carry and configure network product.

This platform independent multi-function router combines high speed 54Mbps wireless access point with security features that include Wi-Fi Protected Setup™ (WPS), Wi-Fi Protected Access (WPA / WPA2), MAC address filtering and 64/128-bit Wired Equivalent Privacy.

The SMCWBR11-G also includes a NAT firewall, web-based network management. Supporting NAT, the SMCWBR11-G can provide simultaneous Internet access for multiple PCs using a single purchased IP address.

Finally, installation is made simple and straightforward with the few clicks of the Installation Wizard utility.

FEATURES	BENEFITS
Share your Cable/DSL connection	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.
Easy Setup and Installation	The easy-to-use setup wizard will help you to install the SMCWBR11-G with just a few easy clicks.
802.11g/ 802.11b compliant High Speed Wireless LAN connection	The new Barricade G offers a high data rate that is up to 5 times faster than the 802.11b wireless LAN and is backward compatible with existing 802.11b network devices.
Dual SSID Radio Channel	The SMCWBR11-G has got two SSID's; one for regular wireless clients, and the other designated usage. This ensures optimal performance and balanced usage for the internet.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Setup™ (WPS)	Makes wireless security setup easy with push button and PIN configuration methods.

STANDARDS

- IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.11i, IEEE 802.11e

WAN INTERFACE

- 1 x 10BASE-T/100BASE-TX

LAN INTERFACES

- 1 x 10BASE-T/100BASE-TX

DATA RATES

- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel
- 802.11b: 1, 2, 5.5, 11 Mbps per channel

FREQUENCY BAND

- IEEE 802.11b/g Radio: 2.4 GHz
- FCC 2400~2483.5 MHz (Ch1~Ch11)
- ETSI 2400~2483.5 MHz (Ch1~Ch13)

MODULATION TYPE

- OFDM, CCK

OPERATING CHANNELS

- 11 channels (US, Canada)
- 13 channels (ETSI)

ANTENNA TYPE

- 1 Removable dipole antenna

ANTENNA GAIN

- 2 dBi

SENSITIVITY MODULATION RATE

Modulation Rate Receive Sensitivity Typical (dBm)

- 802.11b: -90 dBm @ 1 Mbps, -84 dBm @ 11 Mbps
- 802.11g: -86 dBm @ 6 Mbps, -68 dBm @ 54 Mbps

RF OUTPUT POWER

- up to 18 dBm +/- 2dB

MANAGEMENT

- Installation Wizard
- Web based Management (HTTP)

ADVANCED FEATURES

- QoS feature - Controlling WAN Upload and Download Speed
- Wireless Security - 64/128-bit WEP/WPA/WPA2/Wi-Fi Protected Setup™
- SSID broadcast disabled, MAC address filtering
- Wireless Distribution System (WDS)
- DDNS (supported DDNS provider - DynDNS, TZO and DHS)

INDICATOR PANEL

- Power, WLAN, WAN (Link, Activity), LAN (Link/Activity)

DIMENSIONS (PHYSICAL)

- 11.5 x 7 x 2.6 cm
- 4.52 x 2.76 x 1.02 in

WEIGHT (PHYSICAL)

- 90 g
- 3.17 oz

INPUT POWER

- 5 VDC, 2 A

POWER CONSUMPTION

- 6.5 W maximum. @ 100-240 VAC

TEMPERATURE

- Operating: 0 to 40 °C (32 to 104 °F)
- Storage: -20 to 70 °C (32 to 158 °F)

HUMIDITY

- 15% to 95% (non-condensing)

CERTIFICATIONS

- FCC Part 15B Class B, FCC Part 15C
- EN 55022B, EN 55024
- EN 61000-3-2, EN 61000-3-3
- EN 61000-[4-2/4-6], EN 61000-[4-8/4-11]
- AS/NZS CISPR 22
- VCCI Class B
- EN 60950-1
- EN 300-328
- EN 301 489-1, EN 301 489-17
- EN 50385

WARRANTY

- 3 years

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