# SMC Networks

## 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-functional router combines high speed 54Mbps wireless access point with security features that include Wi-Fi Protected Setup™ (WPS), 802.1x for authentication, 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

**WAN INTERFACE**
• 1 x 10BASE-T/100BASE-TX

**LAN INTERFACES**
• 1 x 10BASE-T/100BASE-TX

**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)

**MODULATION TYPE**
• OFDM, CCK

**OPERATING CHANNELS**
• 11 channels (US, Canada)

**ANTENNA TYPE**
• 1 Removable dipole antenna

**ANTENNA GAIN**
• 2 dBi

**SENSITIVITY MODULATION RATE**
Modulation Rate Receive Sensitivity Typical (dBm)
• 802.11b - 1Mbps -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 -75
• 802.11g - 48Mbps -68
• 802.11g - 54Mbps -68

**RF OUTPUT POWER**
• 15 dBm +/- 2dB

**MANAGEMENT**
• Installation Wizard
• Web based Management (HTTP)

**ADVANCED FEATURES**
• Dynamic IP Address Configuration – DHCP, DNS
• Wireless Security – 64/128-bit WEP/WPA/WPA2/Wi-Fi Protected Setup™
• 802.1x, 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, Speed - 10/100 Mbps)

**DIMENSIONS**
• 10.5 x 7 x 2.6 cm
• 4.92 x 2.76 x 1.02 in

**WEIGHT**
• 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)

**COMPLIANCES**
• CE Mark

**EMISSIONS**
• FCC Part 15B Class B
• EN 55022B
• EN 55024
• EN61000-3-2
• EN61000-3-3

**WARRANTY**
• 3 years

## Contact

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