

# SMCWBR11S-3GN

## 150Mbps Wireless-N Mini 3G Broadband Router

### Product Overview

SMCWBR11S-3GN is an all-in-one networking solution for connecting and sharing your high speed Internet connection. Designed to support a 3G USB Modem (not included), SMCWBR11S-3GN can act as your primary or secondary WAN connection. Convenient for those on the road, people living in areas that do not support xDSL/Cable, or those wanting auto-failover to ensure always-on service should xDSL/ Cable fail, SMCWBR11S-3GN provides the ultimate flexibility.

This platform combines 1 10/100Mbps LAN port, 1 10/100Mbps WAN port, a 802.11n access point providing up to 150Mbps high speed wireless connection, NAT firewall with SPI, a user friendly web-based management interface as well as Wi-Fi Protected Setup (WPS) that enables push button or PIN configuration in one convenient device.



### Key Features and Benefits

#### Advanced, Robust Security

The SMCWBR11S-3GN NAT Firewall with Stateful Packet Inspection (SPI) to protect the internal host from hacker attacks. Wireless security is comprehensive and includes WPA/WPA2 PSK and Enterprise as well as a WPS button for the ultimate convenience of one touch secure connectivity.

#### Easy to Set up

The SMCWBR11S-3GN includes EZ Installation. Just insert the EZ installation CD follow the steps and start using your router in minutes.

#### Feature Rich

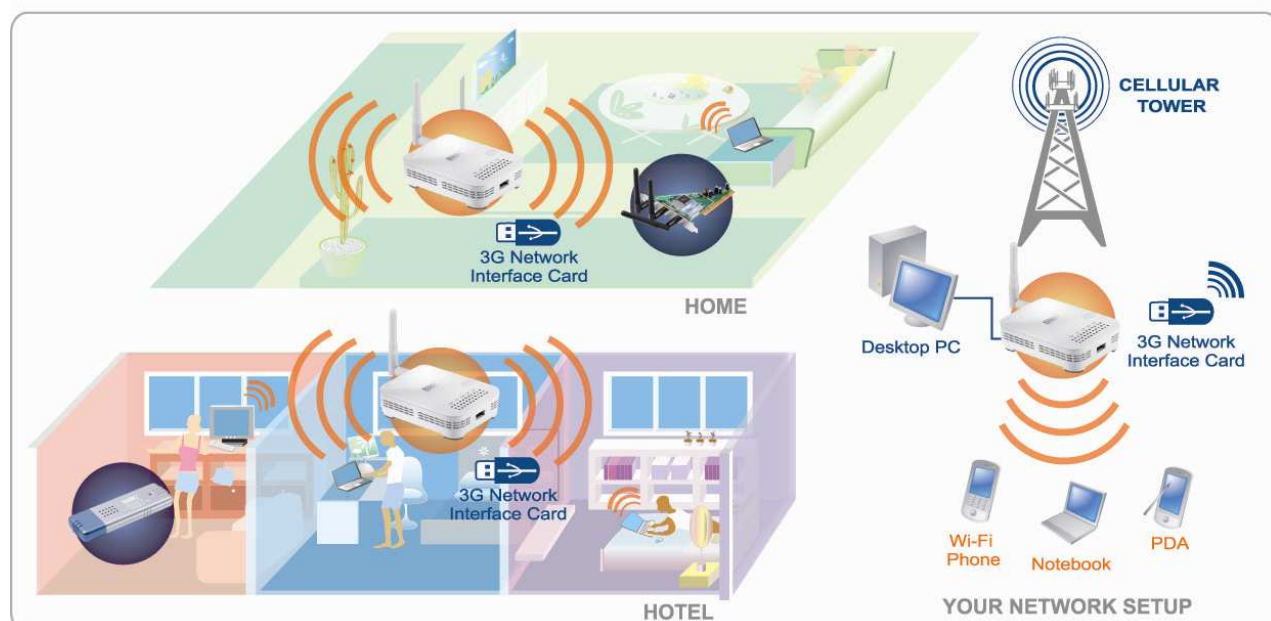
The SMCWBR11S-3GN has numerous features to meet your requirements including Wireless Distribution System (WDS), Dual SSIDs, Static Routing, Wi-Fi Multimedia (WMM) and more.

#### 3G Connectivity

A USB 2.0 port permits sharing of a 3G modem's connectivity to the SMCWBR11S-3GN's LAN interface. (3G USB modem not included)



### Application Diagram



## Features

### PHYSICAL

- One 10/100Mbps WAN port
- One 10/100Mbps LAN port
- One USB for 3G USB modem (not included)
- One external detachable 2 dBii antenna
- WPS button
- Reset button

### MANAGEMENT FEATURES

- EZ Installation Wizard
- Web-based management interface (HTTP)
- Remote management
- SNTP time synchronize

### SECURITY FEATURES

- NAT Firewall with SPI
- Access Control
- MAC filter
- URL Blocking
- DMZ Host
- SSID Broadcast disable
- Wireless MAC address Filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)
- Wi-Fi Protected Setup (WPS)

### ROUTER FEATURES

- Shared high speed 3G/cable/xDSL internet connection
- 1 10/100 LAN port with auto MDI-MDIX
- Built-in Wireless -N (802.11n) access point
- Static Routing
- NAT with ALGs
- 802.11e WMM
- IGMP Proxy
- Dual SSIDs

### STANDARDS

- Wired: IEEE 802.3 (10Base-T)  
IEEE 802.3u (100Base-TX)
- Wireless: IEEE 802.11b  
IEEE 802.11g  
IEEE 802.11n (draft 2.0)

### OPERATING FREQUENCY

- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)
- Japan: 2412~2484MHz (Ch1~Ch14)

### TEMPERATURE

- Operating: 0°C to 40°C (32°F to 104°F)
- Storage: -20°C to 60°C (-4°F to 140°F)

### HUMIDITY

- Operating: 10% to 85% Non-Condensing
- Storage: 5% to 90% Non-Condensing

### DIMENSIONS

93 x 70 x 26mm

### UPGRADE METHOD

Web

### WEIGHT

74g

### POWER REQUIREMENTS

- Input Voltage: 100V AC to 240V AC, 50 / 60Hz
- Output Power: 12V DC, 1A

### TX Output Power

- 11g/n without antenna 14 dBm +- 1 dBm
- 11b without antenna 17 dBm +- 1 dBm

### SYSTEM REQUIREMENTS

- Broadband 3G Internet service with USB 2.0 modem connection, or Cable/xDSL Internet service and modem with Ethernet connection
- 2.4GHz 802.11n draft wireless adapter or 2.4GHz 802.11b/g wireless adapter installed on each PC. Alternatively an Ethernet adapter can be used.
- Internet Explorer 5.5 or above, Mozilla Firefox 1.0 or above
- We recommend using this product with the SMCWCB-N2, SMCWPCI-N2 and SMCWUSB-N wireless adapters

### PACKAGE CONTENTS

- SMCWBR11S-3GN
- Power adapter: 12V, 1A
- RJ45 cable
- QIG
- CD with EZ Installation + Documentation
- Warranty information card

### WARRANTY

Please check [www.smc.com](http://www.smc.com) for the warranty terms in your country/region

## Contact

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