

# SMCWBR14S-N3

## 802.11n Wireless Broadband Router

### Product Overview

The Barricade™ N 802.11n Broadband Router (SMCWBR14S-N3) is an all-in-one networking solution for connecting and sharing your high speed cable/xDSL internet connection. This multi-functional broadband router combines a 4-port 10/100Mbps LAN switch, a high speed Wireless-N access point, NAT firewall with SPI, and a user friendly web-based management interface in one convenient device.



SMCWBR14S-N3 is Wi-Fi CERTIFIED for full compliance with the 802.11n v2.0 standard, providing up to 300Mbps high speed wireless connection. With security being a key consideration, SMCWBR14S-N3 supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks.

### Key Features and Benefits

#### Advanced, Robust Security

The SMCWBR14S-N3 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 to provide the ultimate convenience for one touch secure connectivity



#### Easy to Set up

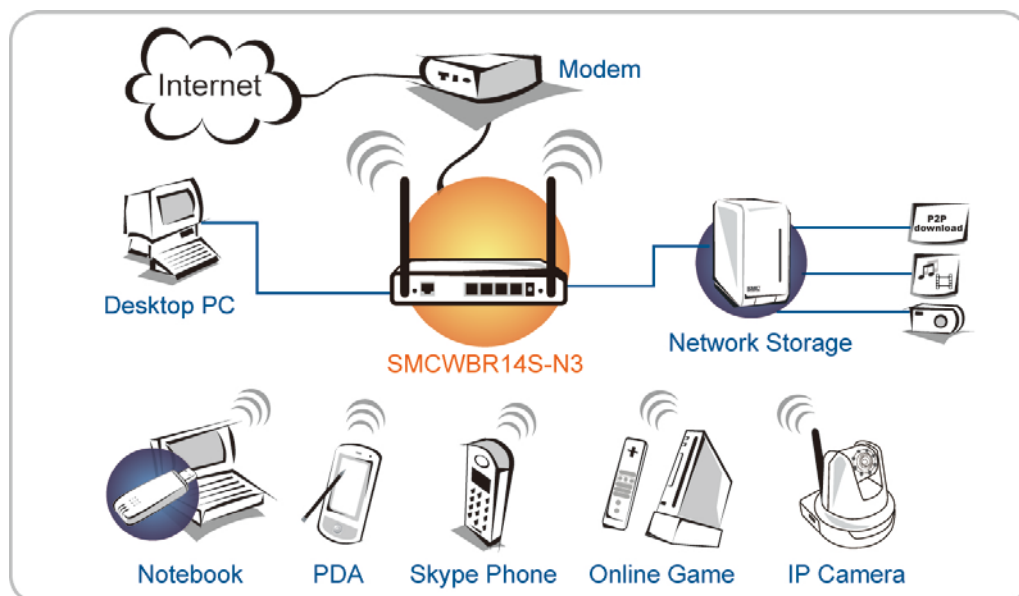
The SMCWBR14S-N3 includes EZ Installation. Just insert the EZ installation CD and it will help you setup and configure your router step by step in minutes.



#### Feature Rich

The SMCWBR14S-N3 provides a multitude of features for the most demanding network requirement including Wireless Distribution System (WDS), Dual SSIDs, Static and Dynamic Routing (RIP v1, v2), Quality of Service (QoS) and more.

### Application Diagram



## Features

### PHYSICAL

- One 10/100Mbps WAN port
- 4-port 10/100Mbps LAN switch
- Two External Fixed 2dBi antennas
- 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, IP and Port filter
- Content, URL and Keyword 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)
- WiFi Protected Setup (WPS)

### ROUTER FEATURES

- Share your high speed cable/xDSL internet connection
- 4-port 10/100 LAN switch with auto MDI-MDIX
- Built-in Wireless-N (draft 802.11n) access point
- Static Route
- Dynamic routing supporting RIP v1/v2
- NAT with ALGs
- NATP
- 802.11e WMM
- IGMP Proxy
- Dual SSIDs

### STANDARDS

- Wired: IEEE 802.3 (10Base-T)  
IEEE 802.3u (100Base-TX)
- Wireless: IEEE 802.11  
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

(L)185\*(W)130\*(H)34mm

### UPGRADE METHOD

Web

### WEIGHT

255g

### POWER INPUT

5V/ 2A

### SYSTEM REQUIREMENTS

- Broadband (Cable/xDSL) Internet service and Modem with Ethernet connection.
- 2.4GHz 802.11n wireless adapter or 2.4GHz 802.11b/g Wireless adapter installed on each PC. Alternatively an Ethernet adapter may be used.
- Internet Explorer 5.5 or above, Mozilla Firefox 1.0 or above
- We recommend using this product with the SMCWPCI-N2 and SMCWUSB-N3 wireless adapters

### PACKAGE CONTENTS

SMCWBR14S-N3  
5V, 2A power adapter  
RJ45 cable  
QIG  
CD  
Warranty information card

### WARRANTY

3 years

## Contact

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