

SMCWBR14S-N5

150 Mbps 4-Port Wireless Broadband Router

Product Overview

The Barricade™ Wireless Broadband Router (SMCWBR14S-N5) 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 10/100 Mbps LAN switch, a high-speed 150 Mbps 11n access point, NAT firewall with SPI, and a user-friendly web-based management interface in one convenient, small form-factor device.

The SMCWBR14S-N5 provides up to 150 Mbps high-speed wireless 11n connection. With security being a key consideration, the SMCWBR14S-N5 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-N5 features a 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

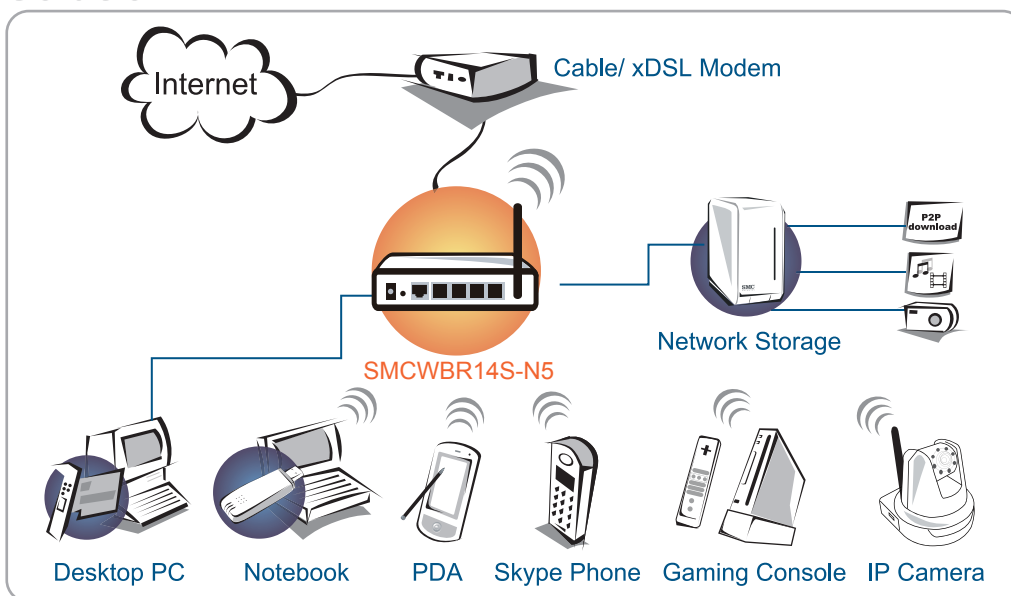
The SMCWBR14S-N5 includes EZ Installation. Just insert the EZ installation CD and it will help you set up and configure your router step-by-step in minutes.

Feature Rich

The SMCWBR14S-N5 provides a multitude of features for the most demanding network requirements, including Wireless Distribution System (WDS), dual SSIDs, static and dynamic routing (RIP v1, v2), and more.

Application Diagram

Solution



Features

Physical

- One 10/100 Mbps WAN port
- 4-port 10/100 Mbps LAN switch
- One external fixed 5 dBi antenna
- One power switch on/off button
- WPS/reset button

Management Features

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

Security Features

- NAT firewall with SPI
- Access control
- MAC filter
- ALG management
- DMZ host
- SSID broadcast disable
- Wireless MAC address filtering
- WEP 64/128-bit encryption
- WPA/WPA2-PSK (Pre Shared Key)
- Wi-Fi Protected Setup (WPS)

Router Features

- Share your high-speed cable/xDSL Internet connection
- 4-port 10/100 Mbps LAN switch with auto MDI-MDIX
- Built-in wireless 11n access point
- Static route
- RIP1/RIP2
- NAT with ALGs
- Dual SSIDs
- IEEE 802.11e WMM
- IGMP proxy

Standards

- Wired:
 - IEEE 802.3 (10BASE-T),
 - IEEE 802.3u (100BASE-TX)
- Wireless:
 - IEEE 802.11b
 - IEEE 802.11g
 - IEEE 802.11n

Operating Frequency

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

Temperature

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

Humidity

- Operating: 10% - 90% RH, Non-condensing
- Storage: 5% - 90% RH, Non-condensing

Dimensions

- (L) 186.2 mm (W) 109.41 mm (H) 30.2 mm

Upgrade Method

Web

Tx Output Power (Typical)

- 802.11b: 18 dBm ± 2dBm
- 802.11g: 18 dBm ± 2dBm
- 802.11n: 15 dBm ± 2dBm

Sensitivity

- 130M: -68dBm@10% PER
- 108M: -68dBm@10% PER
- 54M: -68dBm@10% PER
- 11M: -85dBm@8% PER
- 6M: -88dBm@10% PER
- 1M: -90dBm@8% PER

Package Contents

- SMCWBR14S-N5
- Power Adapter
- Ethernet Cable
- Quick Install Guide
- Documentation CD
- SMC Warranty Registration Card

Weight

- 218 g

Power Requirement

- Input: 100 ~ 240 VAC, 50/60 Hz
- Output: 9 VDC, 0.6 A

Certifications

- FCC Class B
- CE Mark
- RoHS compliant

Warranty

Please check www.smc.com for the warranty terms in your country.

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