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
■ 1 10/100 Mbps WAN port
■ 4-port 10/100 Mbps LAN switch
■ One external fixed 5 dBi antenna
■ 1 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

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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