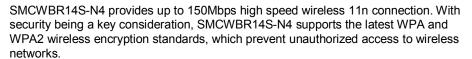# SMCWBR14S-N4
150 Mbps 4-Port Wireless Broadband Router

Product Overview

The Barricade™ N Broadband Router (SMCWBR14S-N4) 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 150Mbps 11n access point, NAT firewall with SPI, and a User friendly web-based management interface in one convenient, small form-factor device.

SMCWBR14S-N4 provides up to 150Mbps high speed wireless 11n connection. With security being a key consideration, SMCWBR14S-N4 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-N4 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-N4 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-N4 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), and more.
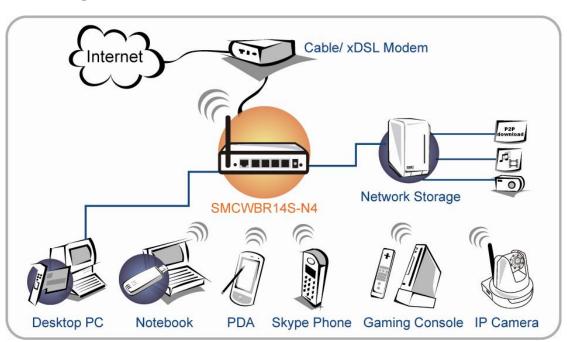
Application Diagram

Internet — Cable/ xDSL Modem

SMCWBR14S-N4

Network Storage

P2P download

Desktop PC · Notebook · PDA · Skype Phone · Gaming Console · IP Camera

Features

PHYSICAL
- One 10/100Mbps WAN port
- 4-port 10/100Mbps LAN switch
- One external fixed 2dBi antenna
- WPS button
- Reset button

MANAGEMENT FEATURES
- EZ Installation Wizard
- Web based management interface (HTTP)
- Firmware upgrade via web-interface
- Remote management
- SNTP time synchronize
- UPnP
- LED indicators:
  - Power
  - LAN (Ethernet Link/Activity)
  - WAN (Ethernet Link/Activity)
  - WLAN (Wireless Link/ Activity)
  - WPS (WPS in progress)

SECURITY FEATURES
- NAT Firewall with SPI
- Access Control
- MAC, IP and Port filter
- 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, AES, TKIP)
- WiFi Protected Setup (WPS): PIN and PBC method

ROUTER FEATURES
- Shares high speed cable/xDSL internet connection
- 4-port 10/100 LAN switch with auto MDI-MDIX
- Built-in Wireless-N (11n) access point
- Static Routing
- Dynamic routing supporting RIP v1/v2
- NAT
- 802.11e WMM
- IGMP Proxy
- Dual SSIDs
- Dynamic DNS
- DNS Proxy
- Virtual Server
- DHCP Server

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

TEMPERATURE
- Operating: 0ºC to 40ºC (32ºF to 104ºF)
- Storage:-20ºC to 60ºC (-4ºF to 140ºF)

Tx OUTPUT POWER (Typical)
- 802.11b: 17dBm +- 1dBm
- 802.11g: 14dBm +- 1dBm
- 802.11n: 14dBm +- 1dBm

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

DIMENSIONS
90.8 x 135.5 x 28.5mm (3.57 x 5.33 x 1.12in)

WEIGHT
157g (5.54oz)

POWER REQUIREMENTS
- Input:100V~200V, 50-60Hz
- Output: 5V/ 1A

COMPLIANCE
- FCC Part 15B Class B, Part 15C 15.247, 15.207 (2.4 GHz)
- EN 55022
- EN 55024
- EN61000-3-2, EN61000-3-3
- EN 300 328, EN 301 489-1, EN 301 489-17

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 can be used.
- Internet Explorer 6.0 or above, Mozilla Firefox 2.0 or above
- We recommend using this product with the SMCWCB-N2, SMCWPCI-N2 and SMCWUSBS-N3 wireless adapters

PACKAGE CONTENTS
- SMCWBR14S-N4
- 5V 1A Power adapter
- RJ45 cable (1m)
- Quick Installation Guide
- Auto-run CD-ROM
- Warranty information card

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

Contact

North America
20 Mason, Irvine,
CA 92618, U.S.A.
1-800-SMC-4YOU
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