

SMCWEBS-N

EZ Connect™ Wireless N Access Point/ Repeater

Product Overview

The EZ Connect™ 300Mbps Wireless Access Point/ Repeater (SMCWEBS-N) is a multi-functional Wireless-N networking device supporting Access Point, Repeater and Ethernet Client modes. Designed for multimedia applications the SMCWEBS-N can be used in Access Point mode to add high-speed wireless connectivity to your network, or Ethernet Client mode to simultaneously connect multiple Ethernet enabled devices such as a gaming console, digital media player or Network Attached Storage. Support for WDS provides a repeater mode to extend the range of a wireless network, or a bridge mode to connect a remote LAN segment to an Internet connection. The SMCWEBS-N is IEEE802.11n certified utilizing advanced MIMO technology to deliver incredible speed and range while maintaining full backwards compatibility with the Wireless-G (802.11g) and Wireless-B (802.11b) standards.



Key Features and Benefits

Multi-functional: Access Point/ Repeater/ Ethernet Client modes

Adds high-speed wireless connectivity to a wired network, extends the range of a wireless network, connects a remote LAN segment to the Internet or turns any Ethernet-enabled device wireless.

WiFi Protected Setup (WPS)

WiFi Protected Access (WPA/ WPA2)

Support for WPS makes wireless security setup easy with push button and PIN configuration methods. WPA/ WPA2 prevent unauthorized access to the wireless network and ensure secure data transmission.

4-port 10/100 LAN Switch

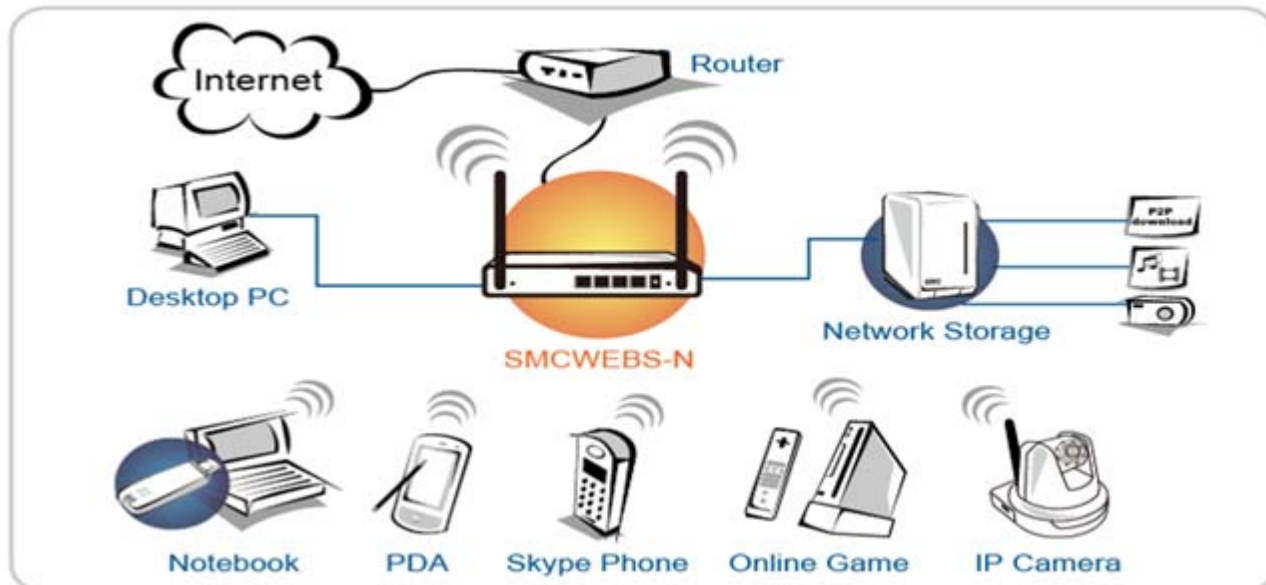
Directly connect up to 4 Ethernet enabled devices.

Web-based Management Interface

Simple and straightforward set-up with the intuitive web-based management interface and installation wizard.



Application Diagram



Features

PHYSICAL

- 4-port 10/100Mbps LAN switch (RJ-45) with Auto-MDI/X
- 2 detachable 2dBi antennas (RP-SMA)
- 2T2R antenna design
- WPS button
- Reset button

OPERATING MODES

- Wireless Access Point
- Ethernet Client
- Wireless Distribution System (WDS)
 - Lazy/ Repeater/ Bridge Mode

MANAGEMENT FEATURES

- Web-based management interface (HTTP)
- Firmware upgrade via web-interface
- Time synchronization
- UPnP
- LED indicators:
 - Power
 - LAN (Ethernet Link/Activity)
 - WLAN (Wireless Link/ Activity)
 - WPS (WPS in progress)

WIRELESS FEATURES

- Wireless Distribution System (4 links)
- Multiple SSID's (up to 4)
- WiFi Multimedia (WMM)
- Site Survey
- Profile Management

SECURITY FEATURES

- Access Control
- MAC, IP and Port filter
- SSID Broadcast disable
- Wireless MAC address filtering
- WEP 64-/128-Bit Encryption
- WPA/ WPA2 Personal mode (Pre-shared Key)
 - AES, TKIP
- WPA/ WPA2 Enterprise mode (IEEE802.1x)
 - EAP-TLS, EAP-TTLS/ MSCHAPv2, EAP-SIM
 - PEAPv0/ EAP-MSCHAPv2, PEAPv1/ EAP-GTC
- WiFi Protected Setup (WPS), PIN and PBC methods

TX Output Power (Typical)

- 802.11n: 17 +/- 1 dBm
- 802.11g: 17 +/- 1 dBm
- 802.11b: 20 +/- 1 dBm

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: 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) 35mm

WEIGHT

- 291g

POWER REQUIREMENTS

- Input Voltage: 100V AC to 240V AC, 50 / 60Hz
- Output Power: 5V DC, 2A

COMPLIANCE

- FCC Part 15B Class B, Part 15C 15.247, 15.207 (2.4 GHz)
- EN 55022
- EN 55024
- EN 61000-3-2, EN61000-3-3
- EN 300 328, EN 301 489-1, EN 301 489-17

SYSTEM REQUIREMENTS

- 2.4GHz 802.11n draft 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

PACKAGE CONTENTS

- 1x SMCWEBS-N
- 1x 5V, 2A power adapter
- 1x RJ45 cable (1m)
- 1x Quick Installation Guide (multi-lingual)
- 1x CD-ROM
- 1x Warranty information card

WARRANTY

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

Contact

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