



SMCWUSBS-N2

Draft 11n Wireless USB2.0 Adapter



OVERVIEW

The EZ Connect™ N Draft 11n Wireless USB2.0 Adapter (SMCWUSBS-N2) enables Wireless-N connectivity to your desktop or notebook computer and provides improved throughput and range than existing 802.11g technology. Upgrading to Wireless-N is an excellent solution for browsing the Internet and sharing files such as video, music and photos. The SMCWUSBS-N2 is Wi-Fi CERTIFIED™ for full compliance with the 802.11n draft v2.0 standard, as well as the popular Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With security being a key consideration, the latest WPA and WPA2 wireless encryption standards are supported, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that enables push button or PIN configuration. Finally the SMCWUSBS-N2 includes an easy installation wizard which guides you step-by-step through the install process. Once installed the WLAN utility allows you to scan for available wireless networks and manage multiple network profiles so connecting becomes instantaneous.

KEY FEATURES

New Wireless-N (802.11n draft v2.0) technology

Delivers improved speed and range than existing 802.11g technology while maintaining full backwards compatibility with older Wireless-G (802.11g) and Wireless-B (802.11b) standard products.

WPA/WPA2 Encryption

Prevents unauthorized access to your wireless network and insures your data is secure.

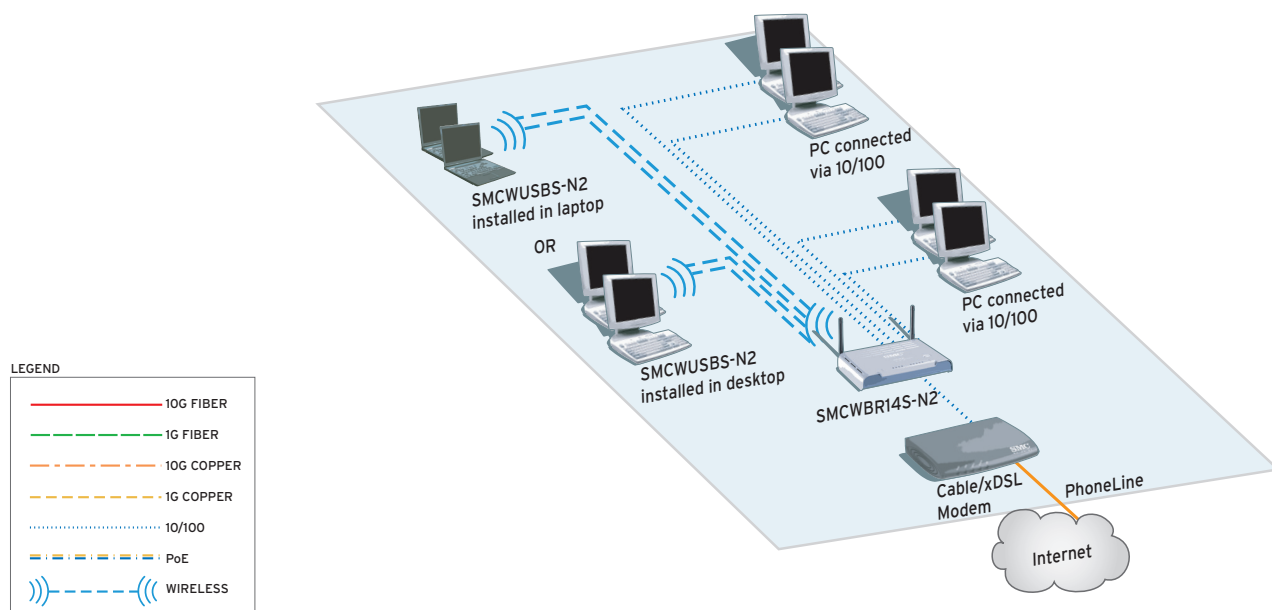
Wi-Fi Protected Set-up™ (WPS)

Makes wireless security setup easy with push button or PIN configuration.

Installation Wizard

Easy software installation with step-by-step guidance.

APPLICATION DIAGRAM



TECH SPECS - SMCWUSBS-N2

PHYSICAL

- Link status LED

WIRELESS OPERATING MODES

- Ad-hoc mode
- Infrastructure mode

EASE OF USE

- EZ Installation Wizard
- Wi-Fi Protected Setup™ - PBC and PIN
- Site survey utility
- Profile manager

SECURITY FEATURES

- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)

QUALITY-OF-SERVICE (QoS)

- WMM (Wi-Fi Multimedia)

STANDARDS

- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v2.0

OPERATING FREQUENCY

- USA - FCC: 2412~2462MHz (Ch1~Ch11)
- Canada - IC: 2412~2462MHz (Ch1~Ch11)
- Europe - ETSI: 2412~2472MHz (Ch1~Ch13)

TYPICAL RF OUTPUT POWER

- 11n Mode: 13.5dBm
- 11g Mode: 17dBm
- 11b Mode : 20dBm

TEMPERATURE

- Operating: 0 degrees C to 40 degrees C
- Storage: -10 degrees C to 70 degrees C

HUMIDITY

- Storage: 5% to 90% Non-condensing
- Operating: 0% to 70% Non-condensing

DIMENSIONS

- 92 x 27.08 x 12.30mm
- 3.62 x 1.07 x 0.48 in

WEIGHT

- 0.02Kg
- 0.044lbs

CERTIFICATIONS

- FCC
- CE

SYSTEM REQUIREMENTS

- 2.4 GHz 802.11n draft wireless network or 2.4 GHz 802.11b/g wireless network
- Microsoft Windows 2000 , XP or Vista
- A Notebook or Desktop computer with:
 - 300MHz CPU or above
 - Available USB2.0 port
 - 20MB of available hard disk space
 - CD-ROM drive
- We recommend using this product with SMC's Barricade™ N Routers

WARRANTY

- SMC Limited Lifetime

* The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance

* The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance

CONTACT

North America
20 Mason
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information

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