



WIRELESS

SMCWUSBS-N Draft 11n Wireless USB2.0 Adapter



OVERVIEW

The EZ Connect™ N Draft 11n Wireless USB2.0 Adapter (SMCWUSBS-N) 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-N 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 support-

ed, 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. To extend functionality further, the SMCWUSBS-N also supports Soft AP mode*. This enables it to function as a wireless Access Point so that associated clients can share an Internet connection, files, printers, and other network services. Finally the SMCWUSBS-N 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.

FEATURES	BENEFITS
Wireless-N (802.11n draft) compliant	Delivers improved throughput and range than existing 802.11g technology.
802.11b/g compliant	Full backwards compatibility with 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.
Soft AP mode*	Can function as a wireless Access Point so that associated clients can share an Internet connection, files, printers, and other network services.
Web-Based management interface	Easy installation with step-by-step guidance.



TECHNICAL SPECIFICATIONS

SMCWUSBS-N

PHYSICAL

- Link/Activity status LED
- WPS Auth status LED
- WPS push button

WIRELESS OPERATING MODES

- Ad-hoc mode
- Infrastructure mode
- Soft AP 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)
- Access Control (Soft AP mode only)

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: 14.5dBm +/- 1dBm
- 11g Mode: 14.5dBm +/- 1dBm
- 11b Mode : 17.5dBm +/- 1dBm

TEMPERATURE

- Operating: -10 degrees C to 50 degrees C
- Storage: -10 degrees C to 70 degrees C

HUMIDITY

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

DIMENSIONS

- 82 x 26 x 11 mm
- 3.23 x 1.02 x 0.43 in

WEIGHT

- 0.018kg
- 0.0396lbs

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

PACKAGE CONTENTS

- EZ Connect™ N Wireless USB2.0 Adapter (SMCWUSBS-N)
- EZ Installation Wizard & Documentation CD
- Quick Installation Guide
- Warranty Information Card

WARRANTY

- 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

* Soft AP Mode only supported under Windows XP

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