

Wireless Connection for All SMART Board™ and Sympodium™ Products

Specifications – WC2

NOTE: Approved for North America and the UK.

Physical Specifications

Size (each radio with antennae)	2 5/16" W x 7 1/8" D x 1" H (5.9 cm x 18.1 cm x 2.5 cm)
Weight (each radio with antennae)	0.25 lb. (0.12 kg)
Shipping Size	9" W x 10 1/4" H x 2 3/8" D (26 cm x 22.9 cm x 6 cm)
Shipping Weight	2.1 lb. (1 kg)

All dimensions +/- 1/8" (0.3 cm). All weights +/- 1/2 lb. (0.2 kg).

Standard Features

Technology	IEEE 802.11b WiFi industry-standard wireless-radio frequency
Host Interface	RS-232
Frequency	2.4 GHz spread spectrum (non-line-of-sight)
Range	Maximum 300' – 1,200' (91.4 m – 365.8 m)
Speed	11 Mbps
RF Channels	11 channels (US, Canada), 13 channels (Europe)
Transmission Power	14 dBm at antenna input typical
Receiver Sensitivity	-80 dBm @1e-5 BER typical
Antenna	Integrated dipole antenna with ~2dBi gain
Data Rate	11, 5.5, 2 or 1 Mbps fixed rate, or configured to automatic rate selection
Modulation	CCK, Direct Sequence Spread Spectrum
Network Types	Supports a dedicated point-to-point link, ad hoc mode and infrastructure mode
Data Encryption	Supports standard 64-bit and 128-bit WEP
Network Security	MAC address-based access control
LED Indicators	4: Power, Transmission, Receiving, Link
Operating Temperature	-10°C – 50°C
Regulation Compliance	FCC part 15, CE
Configuration	Plug & Play (no additional software required)
Power	Universal switching power supply; Input: 100 – 240V AC 50 – 60 Hz 0.4A, Output: 5V DC 2A with country-specific IEC power cord, North America or UK
Power Consumption	<480mA (max. reached in transmit-mode)

Computer Requirements for SMART Board Software

Windows® Operating System	486DX 66 MHz or higher processor (Pentium® processor recommended) 16 MB RAM required (24 MB RAM recommended) Windows 95, 98, 2000, ME, XP or Windows NT® 4.0 (SP-4) operating system 50 MB of free hard-disk space for complete installation An available serial and USB port
Macintosh Computer	Power Macintosh computer 32 MB RAM required Macintosh OS 8.5 through OS X operating systems 10 MB of free hard-disk space for complete installation An available serial and USB port

SMART Board Software

Windows Operating System	SMART Board driver 7.1.3 and SMART Notebook™ 2.5.3 software
Macintosh Computer	SMART Board driver 6.0.2 and SMART Notebook 1.3.2 software for Mac OS 8.5 through 9.x operating system SMART Board driver 6.0.4 and SMART Notebook 1.3.4 software for Mac OS X operating system

SMART Order Number

WC2-NA	SMART Wireless Connection (USA and Canada only)
WC2-UK	SMART Wireless Connection (UK only)

NOTE: Can be used in other European countries with a locally purchased IEC/country-specific computer power cord.

SMART Technologies Inc.

Suite 600, 1177 – 11th Avenue SW
Calgary, AB CANADA T2R 1K9
Support: 1.866.518.6791 (Canada/U.S.) or +1.403.228.5940 in all other countries
Main Switchboard: 1.888.42.SMART (Canada/U.S.) or +1.403.245.0333 in all other countries
Fax: +1.403.245.0366
info@smarttech.com www.smarttech.com



Bringing people and ideas together.™

© 2003 SMART Technologies Inc. All rights reserved. SMART Board, Notebook, Sympodium, the SMART logo and "Bringing people and ideas together." are trademarks of SMART Technologies Inc. Windows and Windows NT are registered trademarks of Microsoft Corporation in the U.S. and other countries. Pentium is a registered trademark of Intel Corporation or its subsidiaries in the U.S. and other countries. Macintosh, Power Macintosh and Mac OS are registered trademarks of Apple Computer, Inc., registered in the U.S. and other countries. Specifications are subject to change without notice. US Patent No. 5,448,263 and No. 6,141,000. Canadian Patent No. 2,058,219. Other US and foreign patents pending. February 2003.