

Wireless Connection for All SMART Board™ and Sympodium™ Products

Specifications – WC2

NOTE: Approved for North America and the U.K.

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" (3.2 mm). All weights +/- 2 lb. (0.9 kg).

Standard Features

Software	SMART Board 8.0 software and Notebook™ 8.0 software
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 (U.S., 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	14°F - 122°F (-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 U.K.
Power Consumption	<480mA (max. reached in transmit-mode)
Warranty	One-year limited warranty

Computer Requirements

Windows Operating Systems	Pentium® 150 MHz processor (Pentium II processor or later recommended) 48 MB of RAM (128 MB recommended) Windows NT® 4.0 (SP-6), Windows 98 operating system or later 100 MB of free hard disk space for complete installation Available serial or USB port. (Serial port must support a data rate of up to 57,600 bps.)
Macintosh Computers	350 MHz processor 128 MB of RAM Mac OS X operating system software v10.1 or later 25 MB of free hard disk space for complete installation Available serial or USB port. (Serial port must support a data rate of up to 57,600 bps.) NOTE: Other versions of SMART Board software are available for UNIX® and Linux® systems, as well as for earlier Windows and Macintosh operating systems.

SMART Order Number

WC2-NA	SMART Wireless Connection (U.S. and Canada only)
WC2-UK	SMART Wireless Connection (U.K. 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 (all other countries)
Main Switchboard: 1.888.42.SMART (Canada/U.S.) or +1.403.245.0333 (all other countries)
Fax: +1.403.245.0366
info@smarttech.com www.smarttech.com



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