Specifications

SMART Board™ Interactive Whiteboard

Model 690

Physical Specifications

Size	85 3/4" W × 49 1/2" H × 5 1/8" D (217.8 cm × 125.7 cm × 13 cm)
Active Screen Area (maximum interactive, projected image)	82 1/8" W × 46 1/8" H (208.6 cm × 117.2 cm) 94 1/4" diagonal (239.3 cm) 16:9 aspect ratio
Weight	48 lb. (21.8 kg)
Shipping Size	
1 unit	54" W × 94 1/2" H × 5 1/2" D (137.2 cm × 238.8 cm × 14 cm)
8 units on pallet	55" W × 99" H × 45" D (139.7 cm × 251.5 cm × 114.3 cm)
Shipping Weight	
1 unit	78 lb. (35.4 kg)
8 units on pallet	644 lb. (292.1 kg)
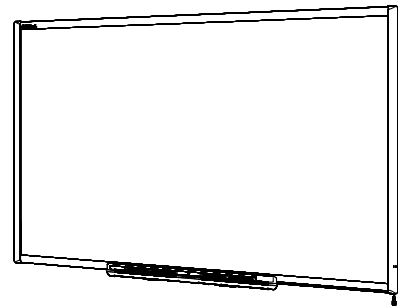
All dimensions +/- 1/8" (0.3 cm). All weights +/- 2 lb. (0.9 kg)

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Standard Features

Software	SMART Notebook software included. See the SMART Notebook software specifications for a complete list of system requirements. Software upgrades are available at http://www2.smarttech.com/st/en-US/Support/SBS/.
Pen Tray	Optical sensors in the pen tray detect when a pen or eraser is lifted from the tray. LEDs show the active tool.
Pens and Eraser	Black, red, green and blue pen tray pens and a rectangular eraser
Resolution	Touch resolution is approximately 4000 × 4000.
Screen Surface	The hard-coated polyester surface is tear proof, optimized for projection, compatible with dry-erase markers and easily cleaned with whiteboard cleaner.
Digitizing Technology	Resistive
Frame Finish	Two-tone gray (approximates Pantone® Charcoal Gray 18-0601 TPX) and Ultrasonic Chrome (approximates metallic Pantone 877 C)
Wall-Mount Bracket	2 × 32" (81.3 cm) wide, spaced 2" (5.1 cm) apart, with 10 screws and drywall anchors to support the wall-mounted interactive whiteboard
Computer Connection	16' (5 m) USB 2.0 cable
Power Requirements	Power is obtained from the computer directly through the USB cable for Windows®, Mac and Linux® computers. Power consumption is less than 1.5 W (300mA at 5V).
Certifications and Compliance	CSA (U.S./Canada), CE, CB (TUV), China EIP, EU RoHS, WEEE, VCCI
Warranty	Five-year limited equipment warranty upon registration. See warranty document for details.

ℹ NOTE

A digital projector isn't included with this model of SMART Board interactive whiteboard. To take advantage of all interactive features, you must integrate a 16:9 aspect ratio digital projector.

Storage and Operating Specifications

Storage	-40°F to 120°F (-40°C to 50°C)
Operation	41°F to 95°F (5°C to 35°C) with up to 80% humidity non-condensing

SMART Order Number

SB680	94 1/4" diagonal (239.3 cm) diagonal SMART Board interactive whiteboard

Optional Accessories

Part Number	Description	NA	UK	EU	AU
RS232-XX	RS-232 to USB conversion module that allows a serial connection to the interactive whiteboard as an alternative to USB	✔	✔		
WC6-XX	Wireless Bluetooth® connection between the SMART Board interactive whiteboard and the computer	✔	✔		
SBA-XX	USB audio system with two 15 W speakers that mount to the interactive whiteboard or wall	✔	✔		✔
SYSON6-XX	SystemOn expansion module wakes up the computer and turns on the projector with one button press	✔	✔		
USB-GW	GoWire™ SMART Notebook software auto-launch USB cable				
USB-XT	16' (5 m) USB active extension cable				
CAT5-XT	USB to Cat 5 cable extender set				
RPEN-ER	Replacement set of four pen tray pens (black, red, green and blue) and rectangular eraser				
RPEN	Replacement set of four pen tray pens (black, red, green and blue)				

NOTE

Part numbers ending in XX have power supplies for those countries or regions, as indicated by ✔ in the columns to the right. When ordering, substitute the XX in the part number with the country code as follows:
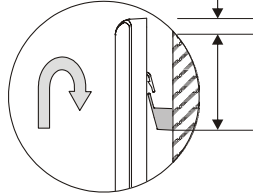
NA = U.S. and Canada
UK = United Kingdom
EU = European Union
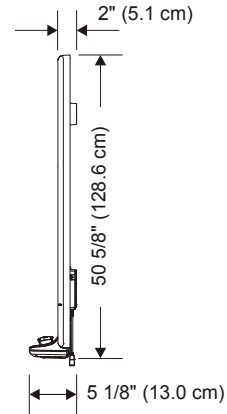AU = Australia

Physical Dimensions

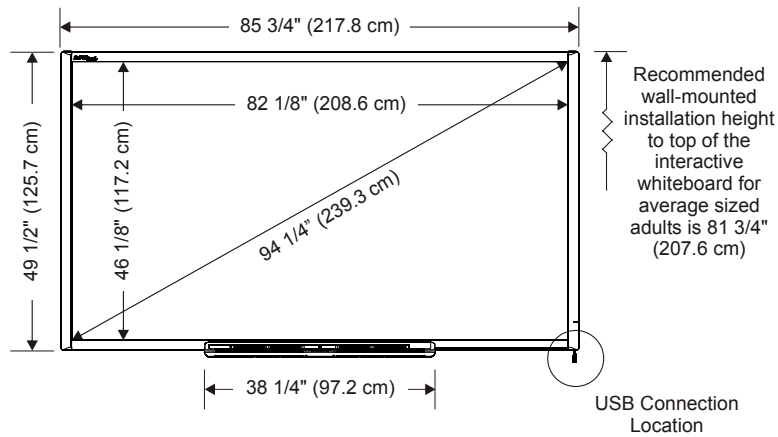Leave at least 5/8" (1.6 cm) headroom to wall mount the interactive whiteboard

Distance from the bottom of the wall mount bracket to the top of an installed interactive whiteboard is 4 1/4" (10.8 cm)

Wall-Mounted Cut Away View

2" (5.1 cm)

50 5/8" (128.6 cm)

5 1/8" (13.0 cm)

Wall-Mounted Side View

85 3/4" (217.8 cm)

82 1/8" (208.6 cm)

49 1/2" (125.7 cm)

46 1/8" (117.2 cm)

94 1/4" (239.3 cm)

38 1/4" (97.2 cm)

Recommended wall-mounted installation height to top of the interactive whiteboard for average sized adults is 81 3/4" (207.6 cm)

USB Connection Location

Wall-Mounted Front View

ISO 9001