Specifications

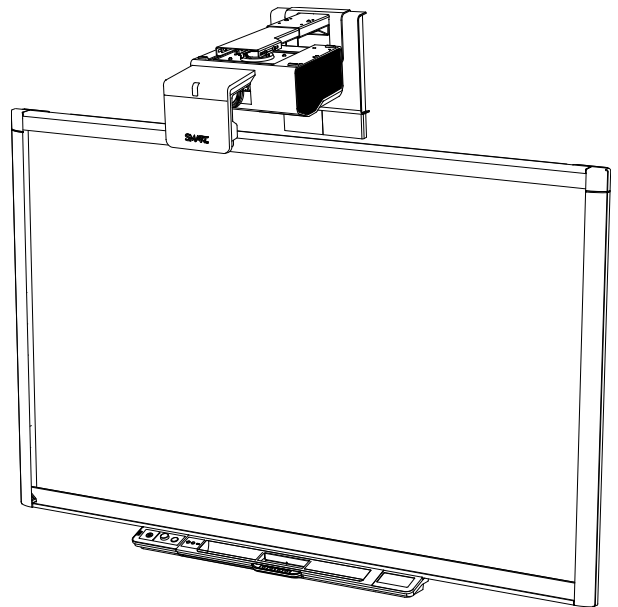# SMART Board® interactive whiteboard system
Model X885i5/885i5-SMP

Physical specifications

SMART Board® 885 interactive whiteboard

Size	78 1/2" W × 53 3/8" H × 6 1/2" D
	(199.4 cm × 135.6 cm × 16.5 cm)
Active screen area (maximum interactive projected image)	74" W × 46 1/4" H
	(188 cm × 117.5 cm)
	87" (221 cm) diagonal
	16:10 aspect ratio
Weight	60 lb. (27.2 kg)
Shipping size	4 3/8" W × 56 3/4" H × 88" D
	(11.1 cm × 144.1 cm × 223.5 cm)
Shipping weight	
SBX885i5	1 unit:
	90 lb. (40.8 kg)
SB885i5-SMP	1 unit:
	95 lb. (43.1 kg)

SMART UF75w projector

Projector	14" W × 15 1/2" H × 27" D
	(35.6 cm × 39.4 cm × 68.6 cm)
Remote control	1 5/8" W × 3 3/8" H × 1/4" D
	(4 cm × 8.6 cm × 0.7 cm)
Weight	17 lb. (7.7 kg)

All dimensions +/- 1/8" (0.3 cm). All weights +/- 2 lb. (0.9 kg).

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Shipping size	20" W × 15 1/2 " H × 24" D
	(50.8 cm × 39.4 cm × 61 cm)
Shipping weight	32 lb. (14.5 kg)

Extended control panel (ECP)–SBX885i5 only

Size	6 5/8" W × 2 1/8" H × 4 5/8" D
	(16.8 cm × 5.5 cm × 11.9 cm)
Shipping size	16 1/2" W × 14" H × 3" D
	(41.9 cm × 35.6 cm × 7.6 cm)
Shipping weight	5 lb. 11 oz. (2.6 kg)

> **ℹ NOTE**
>
> The SB885i5-SMP ships with the ECP and SBX800 CAT5-XT USB extender already attached to the pen tray of the SMART Board 885 interactive whiteboard.

Standard features

Software	The following software options are available, either:
SBX885i5	SMART Notebook™ collaborative learning software including SMART Product Drivers
	OR
SB885i5-SMP	SMART Meeting Pro™ software including SMART Product Drivers
Environmental compliance	China EIP, EU WEEE, Covered Electronics Devices, Packaging, Batteries and EU RoHS
Power consumption	290 W average in Standard mode and less than 1 W in Standby mode in accordance with EuP regulations
Cables	The following cables are included with each system option:

System	Cables
SBX885i5	Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your devices.
SB885i5-SMP	• Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your devices. • An SBX800 CAT5-XT USB extender is included and enables you to connect your interactive whiteboard pen tray to a guest computer up to 50' (15 m) away using a Cat 5, Cat 5e or Cat 6 cable (not included). For more information, see smarttech.com/kb/154489.

Interactive whiteboard features

Touch and gestures

Perform mouse functions with your finger, and write and erase digital ink with a pen tray pen or the eraser. The Object Awareness feature enables you to pick up a pen, and then write, select or erase without replacing the pen. This interactive whiteboard also features gesture capability, providing a natural and flexible way to interact with content.

Multitouch capabilities

Enables two users to draw simultaneously on the SMART Board® interactive whiteboard surface.

Pen tray

Optical sensors in the pen tray detect when you lift a pen or eraser from the tray. Color buttons on the pen tray enable you to select pen color.

The following pen tray features are available:

System	Features
SBX885i5	Removable end caps for optional accessories
SB885i5-SMP	The ECP is installed to the pen tray. The pen tray also features the SBX800 CAT5-XT USB extender.

Pen and eraser

Two ergonomic pens with a comfort grip and a rectangular eraser

Resolution

Touch resolution is approximately 4000 × 4000.

Screen surface

The hard-coated steel surface is durable, optimized for projection, compatible with dry-erase markers and easily cleaned.

Digitizing technology

Four-camera DViT® (Digital Vision Touch) technology

Frame finish

Two-tone gray (Dark gray approximates PANTONE® Charcoal Gray 18-0601 TPX. Light gray approximates PANTONE Cool Gray 6C.)

Wall-mount bracket

Two 32" (81.3 cm) wide brackets with 10 screws and toggle bolt anchors to support a wall-mounted interactive whiteboard

Computer connection

The following computer connection methods are available:

System	Connection method
SBX885i5	16' (5 m) USB 2.0 cable to room computer
SB885i5-SMP	16' (5 m) USB 2.0 cable and 7' (2.1 m) SMART GoWire™ auto-launch cable to room computer 50' (15. 2 m) SBX800 CAT5-XT USB extender to guest computer

Power requirements

The interactive whiteboard system obtains power from the projector through the ECP cable.

Regulatory certification	CE, CSA (U.S./Canada), C-Tick and FCC

SMART UF75w projector features

System components	SMART UF75w projector, wall mount, ECP, remote control and all input cables necessary to connect the ECP to the projector
Image adjustment	The wall mount includes mechanical adjustments for aligning the projector image with the interactive whiteboard. The projector also has a focus lever and an on-screen menu for adjusting brightness, contrast and other image-related attributes.
Display type	WXGA 1280 × 800
Display technology	The projection engine uses DLP® technology by Texas Instruments™, providing BrilliantColor™ performance and quality Gamma 2.2 correction with Bright Room, Dark Room, sRGB, User and SMART Presentation modes.
3D technology	3D-ready projector using DLP Link™ technology
Brightness	Estimated at 2500 lumens (typical) at a CCT of 6500 K by the IEC method
Lamp life	2500 hours in Standard 230 W mode. 4000 hours in Economy 190 W mode.
Aspect ratio	16:10 with support for 16:9, and 4:3 and 5:4 ratio with scaling.
Contrast ratio	2900:1
Video system compatibility	NTSC, NTSC 4:43, PAL, PAL-N, PAL-M and SECAM
Video interface compatibility	HDCP compliant HDMI, Composite, S-video, VESA® RGB with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)
Video format compatibility	The projector has a native 4:3 aspect ratio WXGA resolution and supports VGA, SVGA, SXGA, Quad VGA, SXGA+ and UXGA formats with scaling.
Synchronization	Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
Mounting hardware	Includes hardware for mounting the projector to framed and solid walls. Also includes a safety tether.

Input/output connections	Connector	Connects to
	Power	Main power source
	4-pin power mini-DIN 5V/2A output	ECP cable harness
	7-pin mini-DIN	ECP cable harness
	DB9 RS-232F	ECP cable harness
	DB15F RGB video input (VGA 1)	Default primary computer (cable not included)
	DB15F RGB video input (VGA 2)	Default secondary computer cable harness
	3.5 mm phone jack audio input (×2)	Pen tray (For primary and secondary computer audio output. Cable not included.)
	DB15F RGB video output (VGA Out)	Optional secondary display (cable not included)
	3.5 mm phone jack audio output	External audio system (cable not included)
	RCA composite video input (and left and right RCA audio input)	Video and audio source (cable not included)
	4-pin mini-DIN S-video input (and left and right RCA audio input)	Video and audio source (cable not included)
	RJ45	Network (for web page management and SNMP access, cable not included)
	USB B	Computer (for service access only, cable not included)
	HDMI input	High-definition audio/video source (cable not included)

Projector fan operating temperatures	• Standard speed: 41°F to 95°F (5°C to 35°C) from 0' to 6000' (0 m to 1800 m)
	• High speed: 41°F to 86°F (5°C to 30°C) from 6000' to 6800' (1800 m to 2100 m)

Projector noise	36 dBA at high speed and 31 dBA at standard speed, measured using the JIS method
Power requirements	100V–240V AC at 50 Hz–60 Hz
Power cable	Includes a 14' 9" (4.5 m) power cable

External control	Both serial (via RS-232) and SNMP (via Ethernet) control are supported. The RS-232 control connector is configured to accept codes from your computer or an optional room control system.

The following system connection options are available:

System	Connection options
SBX885i5	4-pin connector on ECP for RS-232 protocol room control systems. The cable is available separately (part number SBX8-CTRL) from your authorized SMART reseller (smarttech.com/wheretobuy).
SB885i5-SMP	4-pin connector on ECP for RS-232 protocol room control systems. The cable is included.

Remote control	An alternative method of controlling the projector and adjusting the projector settings
Theft protection	The projector system features an optional padlock ring to prevent theft. You can use the Kensington® security slot to affix the system to a wall as a visual and physical theft deterrent.
Regulatory certification	CB (TUV), CCC, CE, C-Tick, FCC, GOST-R, KC, NOM, PSB, PSE, TUV-GS, UL (U.S./Canada) and VCCI

ECP features

Input/output connections	

Connector	Connects to:
RJ11 6-wire	Pen tray
11-pin	ECP cable harness
4-pin	Optional room control system adapter (included with SB885i5-SMP only)
USB B	Pen tray
USB mini-B	Primary computer (not included) using the included cable
USB mini-B	Guest laptop (not included)
USB A	USB drive (not included)

> **i NOTE**
>
> This works with the primary computer only.

RCA jacks	The following RCA connection options are available:

System	Connection options
SBX885i5	RCA jacks for audio and composite video inputs are on the separate RCA connector pod included in the ECP box.
SB885i5-SMP	RCA jacks for audio and composite video inputs are on the projector.

Volume controls	Controls sound range
Power button	Turns the interactive whiteboard and projector on and off
Input selection button	Select the projector video and audio inputs from the available sources:

- VGA 1 (default primary computer)

- VGA 2 (default secondary computer)

- Composite

- S-video

- HDMI

Regulatory certification	CB (TUV), CE (Australia/New Zealand), CSA (U.S./Canada), NOM, GOST-R, PSE, CCC and FCC

Warranty

Interactive whiteboard	Your interactive whiteboard has a two-year limited equipment warranty or a five-year limited equipment warranty upon registration. See warranty documents for details.
Projector	Your projector has a three-year limited equipment warranty and the projector lamp has a 1000-hour/one-year warranty.
ECP	Your ECP has a three-year limited equipment warranty.
Accessories	Your accessories have a one-year warranty.

Storage and operating specifications

Storage

- Maximum storage temperature: 122°F (50°C) with up to 80% humidity, non-condensing

- Minimum storage temperature: -4°F (-20°C) with up to 80% humidity, non-condensing

Operation

- At standard fan speed: 41°F to 95°F (5°C to 35°C) from 0' to 6000' (0 m to 1800 m)

- At high fan speed: 41°F to 95°F (5°C to 35°C) from 6000' to 6800' (1800 m to 2100 m)

- In Service mode: 41°F to 95°F (5°C to 35°C) from 6800' to 9800' (2100 m to 3000 m)

Computer requirements

You need to connect a computer to your interactive whiteboard. Choose one of the following options:

SBX885i5 A computer or laptop with either a Windows® operating system or Mac operating system software and SMART Notebook software installed. For a complete list of computer requirements, go to smarttech.com/downloads and browse to the latest SMART Notebook release notes applicable to your operating system.

SB885i5-SMP A computer or laptop with a Windows operating system and SMART Meeting Pro software installed. For a complete list of computer requirements, go to smarttech.com/downloads and browse to the latest SMART Meeting Pro release notes applicable to your operating system.

> **i NOTE**
>
> If the computer or laptop doesn't have SMART Meeting Pro software installed, it can be connected to the interactive display using the SMART GoWire™ auto-launch cable included with this product. For a complete list of computer requirements, go to smarttech.com/downloads and browse to the latest SMART GoWire cable release notes applicable to your operating system.

SMART order numbers

SBX885i5 87" (221 cm) diagonal SMART Board interactive whiteboard with a SMART UF75 projector system. Includes a SMART Notebook software installation DVD.

SB885i5-SMP 87" (221 cm) diagonal SMART Board interactive whiteboard with a SMART UF75 projector system. Includes a SMART GoWire cable containing SMART Meeting Pro and SMART Bridgit® software. An SBX800 CAT5-XT USB extender is also included (see *Cables* on page 2).

20-01501-20 Lamp module replacement kit for SMART UF75 and SMART UF75w projectors
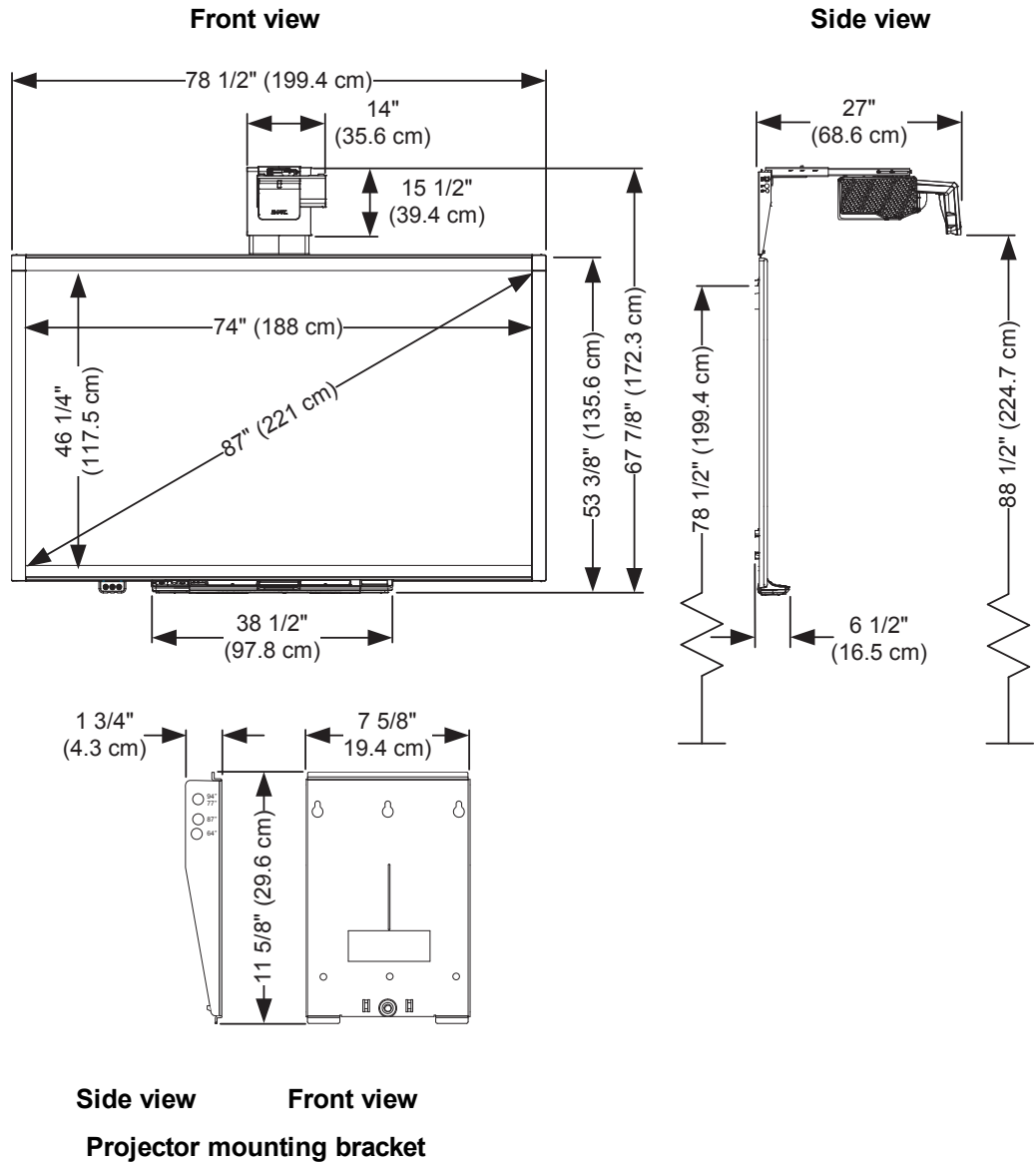
Optional accessories

For more information on additional accessories for your SMART Board 885i5 interactive whiteboard, see smarttech.com/accessories.

Physical dimensions

The images shown are for the SBX885i5 model.

Front view

Side view

78 1/2" (199.4 cm)

14" (35.6 cm)

15 1/2" (39.4 cm)

74" (188 cm)

46 1/4" (117.5 cm)

87" (221 cm)

53 3/8" (135.6 cm)

67 7/8" (172.3 cm)

38 1/2" (97.8 cm)

27" (68.6 cm)

78 1/2" (199.4 cm)

88 1/2" (224.7 cm)

6 1/2" (16.5 cm)

1 3/4" (4.3 cm)

7 5/8" 19.4 cm)

11 5/8" (29.6 cm)

Side view   **Front view**

Projector mounting bracket

smarttech.com/support

smarttech.com/contactsupport