Specifications

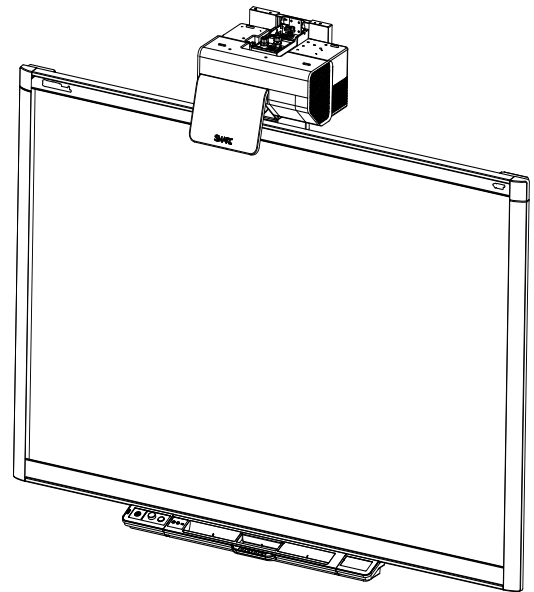# SMART Board® interactive whiteboard system
Model SBX885ix/SB885ix-SMP

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	
SBX885ix	1 unit:
	90 lb. (40.8 kg)
SB885ix-SMP	1 unit:
	95 lb. (43.1 kg)

SMART UX60 projector

Size	17 3/8" W × 10 1/2" H × 16 1/2" D
	(44.1 cm × 26.7 cm × 41.9 cm)
Remote control	1 5/8" W × 3 3/8" H × 1/4" D
	(4.1 cm × 8.6 cm × 0.6 cm)
Weight	22 lb. (10 kg)

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

Extraordinary made simple® | **SMART**®

Shipping size	38 lb. 6 oz. (17.4 kg)
Shipping weight	18 3/4" W × 18 1/8" H × 22 5/8" D
	(47.6 cm × 46 cm × 57.5 cm)

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 SB885ix-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:
SBX885ix	SMART Notebook™ collaborative learning software including SMART Product Drivers
	OR
SB885ix-SMP	SMART Meeting Pro™ software including SMART Product Drivers
Environmental compliance	China EIP, WEEE and EU RoHS
Power consumption	301 W in Standard mode and less than 1 W in Standby mode, in accordance with EuP regulations
Cables	Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your devices.

The following cables are included with each system option:

System	Cables
SBX885ix	Includes a wire management bundle that enables you to connect secondary computers to the projector.

System	Cables
SB885ix-SMP	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
SBX885ix	Removable end caps for optional accessories
SB885ix-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
SBX885ix	16' (5 m) USB 2.0 cable to room computer
SB885ix-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 UX60 projector features

System components	Ultra-short-throw SMART UX60 projector, mounting bracket, ECP, remote control, cleaning cloth and all necessary input cables from the ECP to the projector
Image adjustment	The adjustment module includes five mechanical adjustments for aligning the projector image with your interactive whiteboard. The projector also has a focus dial and a digital on-screen menu for brightness, contrast and other image attributes.
Display type	WXGA 1280 × 800
Display technology	The projection engine uses single chip DLP® technology by Texas Instruments™, providing BrilliantColor™ performance, High Contrast and Gamma 2.1 correction with Bright Room, Dark Room, sRGB, User and SMART Presentation modes, and a six-segment color wheel.
Brightness	Estimated at 2000 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	Native 16:10 aspect ratio with support for 16:9, and 5:4 and 4:3 aspect ratios with source image scaling.
Contrast ratio	2000:1
Video system compatibility	HDTV (720p and 1080i) video system compatibility and HD Ready (HDMI technology and 720p) available, NTSC, NTSC 4.43, PAL, PAL-N, PAL-M, SDTV (480i/p and 576i/p) and SECAM
Copy protection	HDCP compliant using the HDMI input connection
Video interface compatibility	VGA (RGB or Component), S-video, Composite video and HDMI

Synchronization	Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
Mounting hardware	Includes safety tether and hardware for mounting the SMART UX60 projector on framed, hollow and solid walls.
Projector mounting template	The template ensures simple installation and accurate alignment between the SMART UX60 projector and your SMART Board interactive whiteboard.

Input/output connections

Connector	Connects to
Power	Main power source
3-pin power mini-DIN 5V/1A output	[Not used]
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)	Primary computer (cable not included)
DB15F RGB video input (VGA 2)	Secondary computer (cable not included)
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)	Secondary display (cable not included)
3.5 mm phone jack audio output (×1)	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)
HDMI input	High-definition audio/video 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.)

Projector fan operating temperatures	- Standard speed: 0' to 6000' (0 m to 1800 m): 41°F to 95°F (5°C to 35°C) - High speed: 6000' to 6800' (1800 m to 2100 m): 41°F to 86°F (5°C to 30°C)
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
SBX885ix	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).
SB885ix-SMP	4-pin connector on ECP for RS-232 protocol room control systems. The cable is included.

Remote control	Provides the primary method of controlling projector settings
Theft protection	The projector system features optional security screws on the projector plate to safeguard the adjustment knobs, and two optional padlock rings to secure the system to the mounting bracket.

There are no projector menu options on the ECP. Keep your remote control in a safe place because the ECP is not a substitute for the remote control.

A Kensington security slot is provided to secure the SMART Board to a wall as a visual and physical theft deterrent.

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 SB885ix-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.

SPECIFICATIONS

RCA jacks	The following RCA connection options are available:

System	Connection options
SBX885ix	RCA jacks for audio and composite video inputs are on the separate RCA connector pod included in the ECP box.
SB885ix-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: 104°F (40°C)

- Minimum storage temperature: -4°F (-20°C)

Operation	

- 41°F to 95°F (5°C to 35°C) from 0' to 6000' (0 m to 1800 m)

- 41°F to 86°F (5°C to 30°C) from 6000' to 9800' (1800 m to 3000 m)

Computer requirements

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

SBX885ix | 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.

SB885ix-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

SBX885ix | 87" (221 cm) diagonal SMART Board interactive whiteboard with a SMART UX60 projector system. Includes a SMART Notebook software installation DVD.

SB885ix-SMP | 87" (221 cm) diagonal SMART Board interactive whiteboard with a SMART UX60 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).

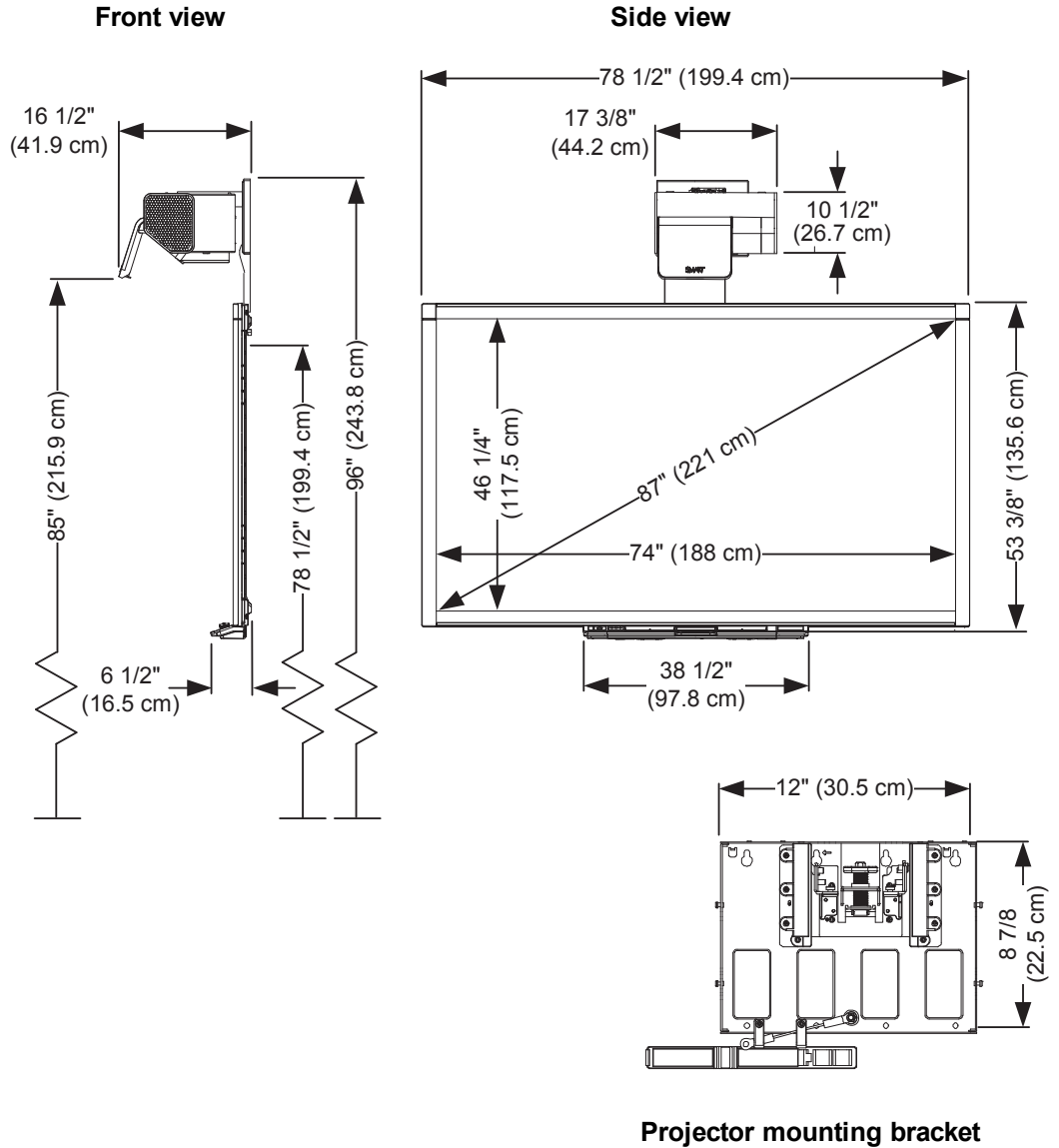**20-01175-20** | Replacement SMART UX60 projector lamp module

Optional accessories

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

SMART Board interactive whiteboard system – Model SBX885ix/SB885ix-SMP

Physical dimensions

Front view

Side view

Projector mounting bracket