Specifications
SMART Board® interactive whiteboard system
Model X885ix/885ix-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 74” W × 46 1/4” H
(maximum interactive projected image)
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).
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Shipping weight 38 lb. 6 oz. (17.4 kg)
Shipping size 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)

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 EU REACH, RoHS, WEEE, Battery and Packaging, US Packaging and China EIP

Regulatory certification CB, CE, UL/CSA(US/Canada), NOM, GOST-R, PSE, VCCI, C-Tick, CCC, PSB, KC and FCC

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:
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<table>
<thead>
<tr>
<th>System</th>
<th>Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>Includes a wire management bundle that enables you to connect secondary computers to the projector.</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>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.</td>
</tr>
</tbody>
</table>

### 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**
Users can interact with the interactive whiteboard using the included pens or other objects, or by using their fingers to write and perform gestures.

The following multitouch capabilities are available:

<table>
<thead>
<tr>
<th>System</th>
<th>Multitouch capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>Support for four simultaneous touches enables up to four users to interact with the interactive whiteboard.</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>Support for two simultaneous touches enables up to two users to interact with the interactive whiteboard.</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>System</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>Removable end caps for optional accessories</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>The ECP is installed to the pen tray. The pen tray also features the SBX800 CAT5-XT USB extender.</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>System</th>
<th>Connection method</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>16’ (5 m) USB 2.0 cable to room computer</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>• 16’ (5 m) USB 2.0 cable and 7’ (2.1 m) SMART GoWire™ auto-launch cable to room computer</td>
</tr>
<tr>
<td></td>
<td>• 50’ (15.2 m) SBX800 CAT5-XT USB extender to guest computer</td>
</tr>
</tbody>
</table>

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

### SMART UX60 projector features

<table>
<thead>
<tr>
<th>System components</th>
<th>Ultra-short-throw SMART UX60 projector, mounting bracket, remote control and cleaning cloth.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image adjustment</td>
<td>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.</td>
</tr>
<tr>
<td>Display type</td>
<td>WXGA 1280 × 800</td>
</tr>
<tr>
<td>Display technology</td>
<td>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.</td>
</tr>
<tr>
<td>Brightness</td>
<td>Estimated at 2000 lumens (typical) in Standard 230 W mode at a CCT of 6500 K by the IEC method. Estimated at 1500 lumens in Economy 190 W mode</td>
</tr>
<tr>
<td>Lamp life</td>
<td>2500 hours in Standard 230 W mode. 4000 hours in Economy 190 W mode</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>Native 16:10 aspect ratio with support for 16:9, and 5:4 and 4:3 aspect ratios with source image scaling.</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>2000:1</td>
</tr>
<tr>
<td>Video system</td>
<td>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</td>
</tr>
<tr>
<td>Copy protection</td>
<td>HDCP compliant using the HDMI input connection</td>
</tr>
</tbody>
</table>
### 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

<table>
<thead>
<tr>
<th>Connector</th>
<th>Connects to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>Main power source</td>
</tr>
<tr>
<td>3-pin power mini-DIN 5V/1A output</td>
<td>[Not used]</td>
</tr>
<tr>
<td>4-pin power mini-DIN 5V/2A output</td>
<td>ECP cable harness</td>
</tr>
<tr>
<td>7-pin mini-DIN</td>
<td>ECP cable harness</td>
</tr>
<tr>
<td>DB9 RS-232F</td>
<td>ECP cable harness</td>
</tr>
<tr>
<td>DB15F RGB video input (VGA 1)</td>
<td>Primary computer (cable not included)</td>
</tr>
<tr>
<td>DB15F RGB video input (VGA 2)</td>
<td>Secondary computer (cable not included)</td>
</tr>
<tr>
<td>3.5 mm phone jack audio input (∗2)</td>
<td>Pen tray (For primary and secondary computer audio output.)</td>
</tr>
<tr>
<td>DB15F RGB video output (VGA Out)</td>
<td>Secondary display (cable not included)</td>
</tr>
<tr>
<td>3.5 mm phone jack audio output (∗1)</td>
<td>External audio system (cable not included)</td>
</tr>
<tr>
<td>RCA composite video audio input (and left and right RCA audio input)</td>
<td>Video and audio source (cable not included)</td>
</tr>
<tr>
<td>4-pin mini-DIN S-video input (and left and right RCA audio input)</td>
<td>Video and audio source (cable not included)</td>
</tr>
<tr>
<td>HDMI input</td>
<td>High-definition audio/video source (cable not included)</td>
</tr>
<tr>
<td>RJ45</td>
<td>Network (For web page management and SNMP access. Cable not included)</td>
</tr>
<tr>
<td>USB B</td>
<td>Computer (For service access only, Cable not included)</td>
</tr>
</tbody>
</table>

### 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
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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:

<table>
<thead>
<tr>
<th>System</th>
<th>Connection options</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>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).</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>4-pin connector on ECP for RS-232 protocol room control systems. The cable is included.</td>
</tr>
</tbody>
</table>

Remote control
Provides the primary method of controlling projector settings

Threat 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 [Control Panel]. Keep your remote control in a safe place because the [Control Panel] 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

<table>
<thead>
<tr>
<th>Connector</th>
<th>Connects to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ11 6-wire</td>
<td>Pen tray</td>
</tr>
<tr>
<td>11-pin</td>
<td>ECP cable harness</td>
</tr>
<tr>
<td>4-pin</td>
<td>Optional room control system adapter (included with SB885ix-SMP only)</td>
</tr>
<tr>
<td>USB B</td>
<td>Pen tray</td>
</tr>
<tr>
<td>USB mini-B</td>
<td>Primary computer (not included) using the included cable</td>
</tr>
<tr>
<td>USB mini-B</td>
<td>Guest laptop (not included)</td>
</tr>
<tr>
<td>USB A</td>
<td>USB drive (not included)</td>
</tr>
</tbody>
</table>

NOTE
This works with the primary computer only.
RCA jacks

The following RCA connection options are available:

<table>
<thead>
<tr>
<th>System</th>
<th>Connection options</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBX885ix</td>
<td>RCA jacks for audio and composite video inputs are on the separate RCA connector pod included in the ECP box.</td>
</tr>
<tr>
<td>SB885ix-SMP</td>
<td>RCA jacks for audio and composite video inputs are on the projector.</td>
</tr>
</tbody>
</table>

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

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:
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**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.

**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 Bridgit® conferencing 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.
Physical dimensions

Front view

Side view

Projector mounting bracket