

Specifications

SMART Board® interactive whiteboard system

Model SB880i6

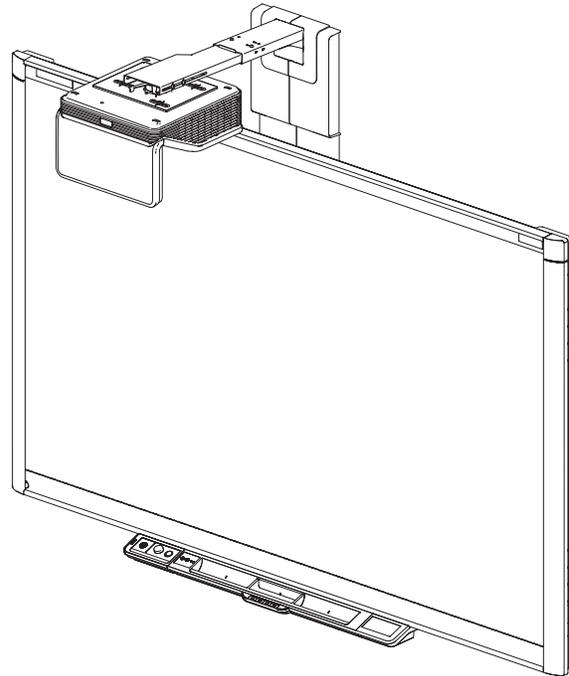
Overview

Your SMART Board 880i6® interactive whiteboard system combines the use of a SMART Board 800 series interactive whiteboard and a SMART UF70 projector along with other accessories and optional equipment.

The SMART UF70 projector provides an ultra-bright high resolution image on a short boom delivering high definition, high performance interactivity that is virtually shadow-free and glare-free. You can do everything you can do at your computer—open and close applications, meet with others, create new documents or edit existing ones, visit websites, play and manipulate video clips and more—just by touching the interactive surface. Four users can draw on the interactive surface at the same time, and you can use an array of gestures within applications.

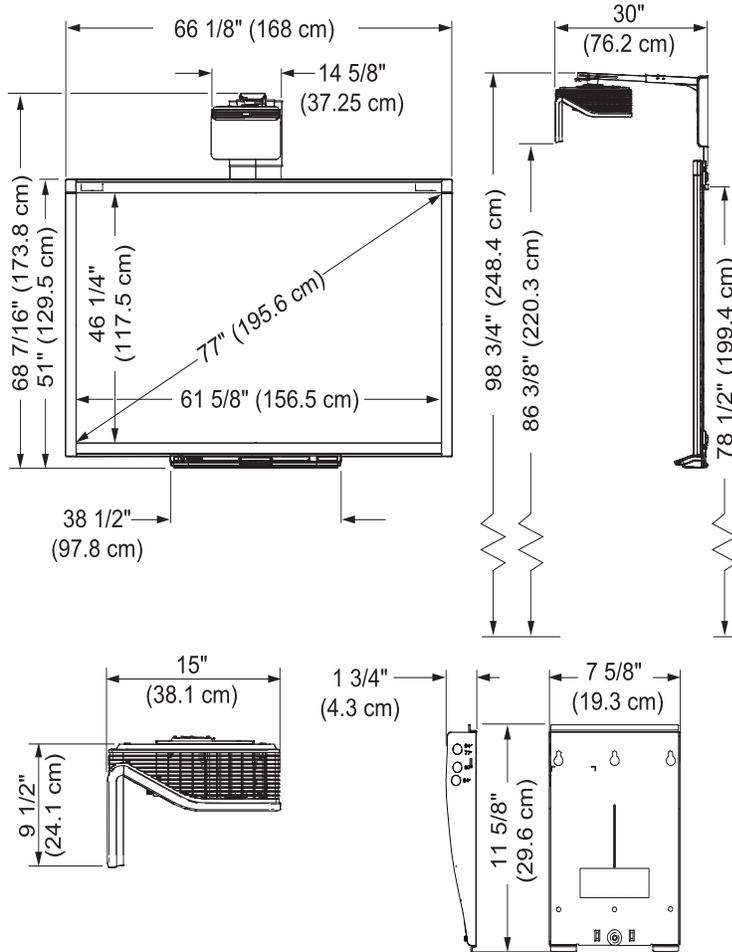
The SB880i6 system supports video and audio from a variety of devices, including DVD and Blu-ray™ players, document cameras, and other high-definition sources, and is displayed on the interactive screen. All HDMI 1.4 inputs are HDCP compliant.

See smarttech.com for more information on this product.



Dimensions and weights¹

Dimensions



SMART Board 880 interactive whiteboard

Weight

52 lb. (23.6 kg)

Shipping dimensions

4 3/8" W × 56 3/4" H × 75 3/4" D
(11.1 cm × 144.1 cm × 192.4 cm)

Shipping weight

76 lb. (34.5 kg)

SMART UF70 projector

Weight (projector only)

16 lb. 11 oz. (7.6 kg)

Weight (projector + boom)

28 lb. 6 oz. (12.9 kg)

Shipping weight

35 lb. 13 oz. (16.2 kg)

Shipping dimensions

20" W × 15 1/2" H × 24" D
(50.8 cm × 39.4 cm × 61 cm)

Projector dimensions

14 5/8" W × 9 1/2" H × 30" D
(37.1 cm × 24.1 cm × 76.2 cm)

Extended control panel (ECP)

Dimensions

6 5/8" W × 2 1/8" H × 4 5/8" D
(16.8 cm × 5.5 cm × 11.9 cm)

Weight

5 lb 11 oz. (2.6 kg)

Shipping dimensions

16 1/2" W × 14" H × 3" D
(41.9 cm × 35.6 cm × 7.6 cm)

Remote control

Dimensions

1 5/8" W × 3 3/8" H × 1/4" D
(4.1 cm × 8.6 cm × 0.6 cm)

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

Hardware

Projector

Brightness (standard)	3000 lumens 230 W mode at a CCT of 6500 K by the IEC method
Brightness (economy)	2250 lumens 190 W mode. at a CCT of 6500 K by the IEC method
Native resolution	XGA 1024 x 768
Aspect ratio	4:3 with support for 16:9, 16:10 and 5:4 with scaling.
Throw ratio	Short throw 0.43:1 ratio
Throw distance	27" (68.4 cm)
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.
Lamp life ²	Up to 2500 hours in Standard 230 W mode. Up to 4000 hours in Economy 190 W mode.
Integrated loud speaker	9 W rms
Projector noise	32 dBA standard fan speed. 37 dBA high speed fan speed.
Contrast ratio (typical)	2900:1
Video system compatibility	HDTV (720p and 1080p) video system compatibility and HD Ready (HDMI technology and 720p) available, NTSC, NTSC 4:43, PAL, PAL-N, PAL-M and SECAM (480i/p and 576i/p)
Video interface compatibility	HDCP compliant HDMI, Composite, VESA® RGB with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)
Horizontal frequency	15kHz–72 kHz
Vertical frequency	15Hz–75 Hz
Clock frequency	165 Mhz
External management	Infrared remote control, RS-232 control port, internal web page, Crestron® RoomView® management via Ethernet



Interactive whiteboard

Touch resolution	4000 × 4000
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²Lamp life varies depending on the selected mode, environmental factors and projector use. Over time, the lamp's brightness decreases.

SPECIFICATIONS

SMART BOARD® INTERACTIVE WHITEBOARD SYSTEM – MODEL SB880i6

Touch and gestures	Users can interact with the interactive whiteboard using the included pens or other objects or by using their fingers to write, erase and perform mouse functions. 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.
Digitizing technology	Four-camera DViT® (Digital Vision Touch) technology with steel coated dry erase 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.
Accessories	Two ergonomic pens with comfort grip and rectangular eraser
Extended Control Panel (ECP)	SB880i6 - included with the system, not pre-attached to the pen tray
Included cables and hardware SB880i6	14' 9" (4.5 m) power cable Infrared remote control 16' 5" (5 m) USB cable 13' 5.5" (4.1 m) 3.5 mm stereo audio cable Projector wiring harness
Theft protection	Projector system padlock ring SB800 system - Kensington security slot

Connectors

Projector connectors

- 3.5 mm phone jack audio input
- 3.5 mm phone jack audio output
- DB15F RGB VGA video input (VGA In)
- DB15F RGB VGA video input (VGA Out)
- DB9F RS-232 control port
- HDMI 1.4 input
- Power (100V–240V AC at 50 Hz–60 Hz)
- USB-B port (for service use only)
- RJ45 - Ethernet connector
- 7-pin mini-DIN for ECP data
- 4-pin mini-DIN 5V/2A output for ECP USB HUB/switch power
- RCA analog audio and composite video (red, white and yellow)
- Microphone 3.5 mm

ECP connectors

- RJ11 6-wire internal pen tray connection
- 11-pin connects to projector wiring harness
- 4-pin room control system via SB8-CTRL adapter cable
- USB-B connects to bottom of pen tray
- USB mini-Type B (x2) primary and secondary computer connections
- USB Type A for USB Drive or memory stick

Computer requirements

SB88016 Windows® operating system or Mac operating system software and SMART Notebook® collaborative learning software installed. For a complete list of computer requirements, go to smarttech.com/downloads and browse to the latest SMART Notebook software release notes applicable to your operating system.

Storage and operating requirements

Power requirements and consumption 100V–240V AC at 50 Hz–60 Hz

Full mode	360 W
ECO mode	360 W
Standby mode	0.5 W
Operating temperature	
Interactive whiteboard	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)
Projector	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)
Storage temperature	-4°F (-20°C) to 122°F (50°C)
Humidity	Up to 80% storage relative humidity, non-condensing Up to 80% operating relative humidity, non-condensing

Certification and compliance

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

Environmental compliance

China	EIP
European Union	REACH, RoHS, WEEE, Battery, Packaging and ErP Standby
U.S.	Packaging and Conflict Minerals

Warranty

Interactive whiteboard	Two-year limited equipment warranty OR Five-year limited equipment warranty upon registration
Projector	Three-year limited equipment warranty
Projector lamp	1000-hour/one-year warranty
ECP	Three-year limited equipment warranty

Purchasing information

Order numbers

SB880i6	77" (195.6 cm) diagonal SMART Board interactive whiteboard with a SMART UF70 projector system. Includes a SMART Notebook software installation DVD.
1020991	Replacement lamp for SMART UF70 / UF70w projectors
1013576	Projector hardware kit (see smarttech.com/kb/160505)

Optional extended warranty

EWY1-UF70	SMART UF70 projector one-year warranty extension (available at time of projector purchase only)
EWY2-UF70	SMART UF70 projector two-year warranty extension (available at time of projector purchase only)

Optional accessories See smarttech.com/accessories

smarttech.com/support

smarttech.com/contactsupport

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