Specifications
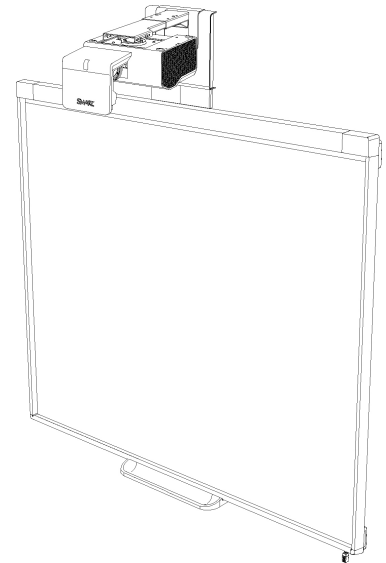
SMART Board interactive whiteboard system
Model SB480i5

Physical specifications

SMART Board™ 480 interactive whiteboard

Size	160.5 cm W × 127.2 cm H × 13.0 cm D (63 1/4" × 50" × 5 1/8")
Active screen area (maximum interactive projected image)	156.5 cm W × 117.2 cm H (61 5/8" × 46 1/8") 195.6 cm (77") diagonal
Weight	23.2 kg (51 lb.)
Shipping size	178 cm W × 136 cm H × 11 cm D (70" × 53 1/2" × 4 1/2")
Shipping weight	28.7 kg (63 lb. 3 oz.)

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

SMART UF75 projector

Projector	35.6 cm W × 39.4 cm H × 71.1 cm D (14" × 15 1/2" × 28")
Remote control	4 cm W × 8.6 cm H × 0.7 cm D (1 5/8" × 3 3/8" × 1/4")
Weight	7.7 kg (17 lb.)
Shipping size	50.8 cm W × 39.4 cm H × 61 cm D (20" × 15 1/2 " × 24")
Shipping weight	14.5 kg (32 lb.)

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Interactive whiteboard features

Pen	Includes a pen tray pen
Resolution	Digitizing resolution is approximately 32000 × 32000
Screen surface	The hard-coated steel surface is durable, optimized for projection, compatible with dry-erase markers and easily cleaned with whiteboard cleaner or isopropyl alcohol (IPA).
Digitizing technology	DViT™ (Digital Vision Touch) technology
Frame finish	Dark gray (approximates PANTONE® Charcoal Gray 18-0601 TPX)
Wall-mount bracket	Includes a 81.3 cm (32") wide bracket, five screws and five concrete or brick anchors to support your wall-mounted interactive whiteboard
Computer connection	12 Mbps USB connection (full-speed USB 1.1 or USB 2.0)
Power requirements	The computer powers the interactive whiteboard. Power consumption is less than 0.5 W (100 mA at 5 V).

SMART UF75 projector features

System components	SMART UF75 projector, wall mount and remote control
	SMART UF75 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 a digital on-screen menu for adjusting brightness, contrast and other image-related attributes.
Display type	XGA 1024 × 768
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	4:3 with support for 16:9 and 16:10 ratios. Support for 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	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 XGA 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	Power supply
4-pin power mini-DIN 5V/2A output	(Not used)
7-pin mini-DIN	(Not used)
DB9 RS-232	Room control system
DB15F RGB video input (VGA 1)	Primary computer (not included)
DB15F RGB video input (VGA 2)	Secondary computer (not included)
3.5 mm phone jack audio input (×2)	Y cable
DB15F RGB video output (VGA Out)	Secondary display (not included)
3.5 mm phone jack audio output	External audio system (not included)
RCA composite video input (and left and right RCA audio input)	Video source (not included) through ECP harness cable
RJ45	Network (for web page management and SNMP access)
USB B	Computer (for service access only)
HDMI input	High-definition video source (not included)

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 4.5 m (14' 9") power cable

External control	The RS-232 control module connector is configured to accept control codes from your computer or a room control system. An accessory cable adapter is required.
Remote control	Provides the only method of adjusting the SMART UF75 projector settings
Theft protection	The projector system features an optional padlocked ring to prevent theft. The Kensington® security slot can affix the system to a wall as a visual and physical theft deterrent.

Storage and operating specifications

Storage

- Maximum storage temperature: 50°C (122°F)

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

Operation

- Using standard fan speed: 0°C to 35°C (32°F to 95°F) from 0 m to 1800 m (0' to 6000')

- Using high fan speed: 5°C to 30°C (41°F to 86°F) from 1800 m to 2000 m (6000' to 6800')

- In Service mode: 0°C to 35°C (32°F to 95°F) from 2000 m to 3000 m (6800' to 9800')
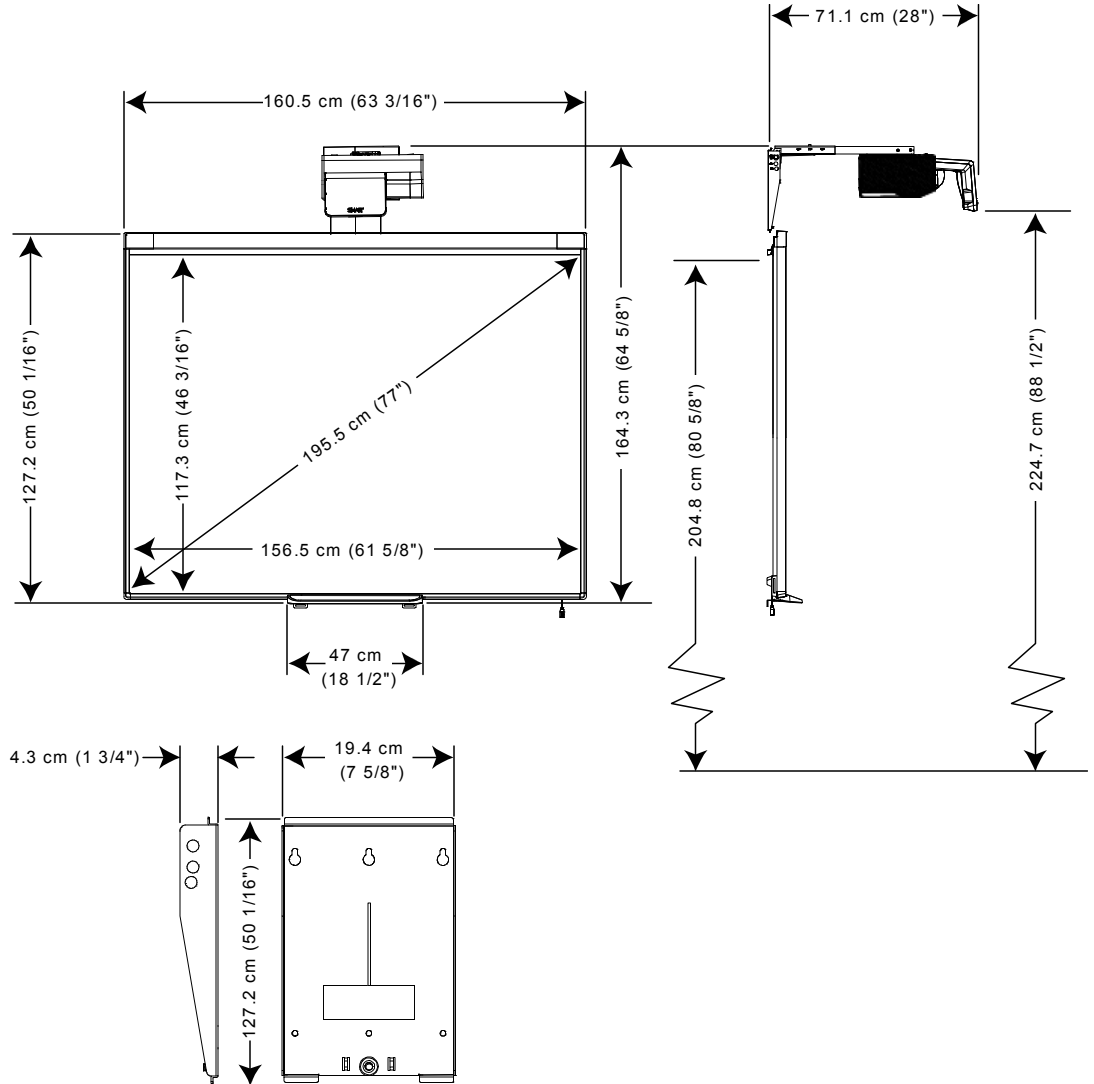
SMART order numbers

SB480i5	195.6 cm (77") diagonal SMART Board 480 interactive whiteboard with a SMART UF75 projector system
20-01501-20	Lamp module replacement kit for SMART UF75 and SMART UF75w projectors

Physical dimensions

71.1 cm (28")

160.5 cm (63 3/16")

127.2 cm (50 1/16")

117.3 cm (46 3/16")

195.5 cm (77")

164.3 cm (64 5/8")

204.8 cm (80 5/8")

224.7 cm (88 1/2")

156.5 cm (61 5/8")

47 cm (18 1/2")

4.3 cm (1 3/4")

19.4 cm (7 5/8")

127.2 cm (50 1/16")

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