

# Specifications

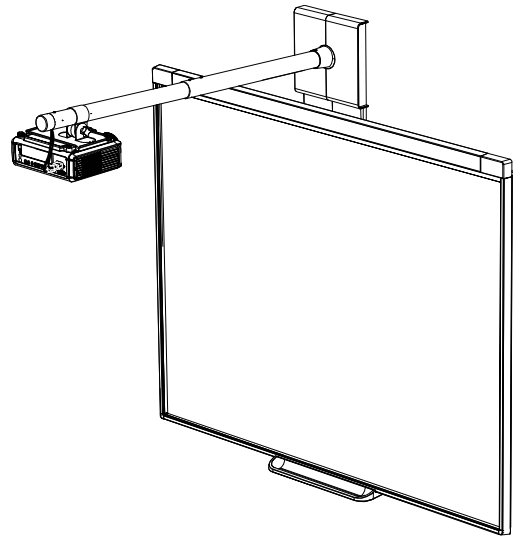
## SMART Board™ interactive whiteboard system

### Model 480iv

#### Physical specifications

##### SMART Board™ 480 interactive whiteboard

<b>Size</b>	160.5 cm W × 127.2 cm H × 12.8 cm D (63 3/16" × 50 1/16" × 5 1/16")
<b>Active screen area</b> (maximum interactive projected image)	156.5 cm W × 117.3 cm H (61 5/8" × 46 3/16") 195.6 cm (77") diagonal
<b>Weight</b>	23.2 kg (51 lb.)
<b>Shipping size</b>	178 cm W × 136 cm H × 11 cm D 70" × 53 1/2" × 4 5/16"
<b>Shipping weight</b>	28.7 kg (63 lb. 3 oz.)



##### SMART V25 projector system

<b>Total size</b>	47 cm W × 39.4 cm H × 130.2 cm D (18 1/2" × 15 1/2" × 51 1/4")
<b>Remote control</b>	4 cm W × 8.6 cm H × 0.7 cm D (1 5/8" × 3 3/8" × 1/4")
<b>Weight</b>	6.7 kg (14 lb. 8 oz.)
<b>Shipping size</b>	
Mounting kit box	72.5 cm W × 45 cm H × 17 cm D (28 1/2" × 17 3/4" × 6 5/8")
Projector box	45 cm W × 32.6 cm H × 16.1 cm D (17 3/4" × 12 7/8" × 6 3/8")
<b>Shipping weight</b>	9.3 kg (20 lb. 8 oz.)

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

## Standard features

<b>Software</b>	SMART Product Drivers and SMART Notebook™ collaborative learning software installation CDs are included. Software upgrades are available from <a href="http://smarttech.com/software">smarttech.com/software</a> .
<b>System requirements</b>	Windows® operating systems and Linux® operating systems. See documents <a href="#">126571</a> and <a href="#">146487</a> for a complete list of system requirements.
<b>Environmental compliance</b>	China EIP, EU WEEE, US CPSIA, Packaging and EU RoHS
<b>Regulatory certification</b>	CSA (for SMART Board 480 interactive whiteboard only), CB, CE, FCC, C-Tick, CCC, PSE, PSB, KC, NOM, Gost-R, VCCI, cUL (for SMART V25 projector system only) and TU-VGS (for SMART V25 projector system only).
<b>Warranty</b>	The projector and projector lamp have a two-year limited equipment warranty. Your interactive whiteboard has a two-year limited equipment warranty. See warranty documents for details.
<b>Cables</b>	Includes a 3 m (118 1/8") USB cable and a country-specific power cable

## Interactive whiteboard features

<b>Pen</b>	A pen tray pen is included
<b>Resolution</b>	Digitizing resolution is approximately 32767 × 32767
<b>Screen surface</b>	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).
<b>Digitizing technology</b>	DViT™ (Digital Vision Touch) technology
<b>Frame finish</b>	Dark gray (approximates Pantone® Charcoal Gray 18-0601 TPX)
<b>Wall-mount bracket</b>	Includes a 81.3 cm (32") wide bracket, five screws and five concrete or brick anchors to support your wall-mounted interactive whiteboard
<b>Projector mounting template</b>	Ensures simple installation and accurate alignment between your projector and your interactive whiteboard
<b>Installation instructions</b>	The installation instructions for your SMART Board 480iv interactive whiteboard system are included in the SMART V25 projector boom box. Additional documentation is available at <a href="http://smarttech.com/support">smarttech.com/support</a> .

### **IMPORTANT**

Do not use the installation instructions included in your SMART Board interactive whiteboard's box when installing your SMART Board 480iv interactive whiteboard system.

**Power requirements** Obtains power from the computer through the USB cable. Power consumption is less than 0.5 W (100 mA at 5V).

**Computer connection** 12 Mbit/s USB connection (full-speed USB 1.1 or USB 2.0)  
Your SMART Board 480 interactive whiteboard supports one computer connection on a primary display only.

## SMART V25 projector system features

**System components** SMART V25 projector, remote control and boom mount with a safety tether

**Image adjustment** The boom mount includes mechanical adjustments for aligning the projector image with your interactive whiteboard. The projector also has a focus ring and a digital on-screen menu for adjusting brightness, contrast and other image-related attributes.

**Display type** Native XGA 1024 × 768 projector

**3D technology** 3D-ready projector using DLP® Link™ technology

**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.

**Brightness** Estimated at 2000 lumens (typical) at a CCT of 6500 K by the IEC method

**Lamp life** 4500 hours in Standard 190 W mode or 6000 hours in Economy 160 W mode

**Aspect ratio** 4:3 native, with support for 16:9, 16:10 and 5:4 ratios

**Contrast ratio** 1600:1

**Video system compatibility** NTSC, NTSC 4.43, PAL, PAL-N, PAL-M, SECAM

**Video interface compatibility** Composite, S-video, and VESA RGB, with additional interface support for Component YPbPr and Component YCbCR inputs with the proper adapters (not included)

**Video format compatibility** Native 4:3 aspect ratio XGA projector resolution. With scaling, supports VGA, SVGA, SXGA, Quad VGA, SXGA+ and UXGA formats.

**Synchronization** Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)

**Mounting hardware** A mounting hardware kit is included with the projector system

**Input/output connections**

- HD DB15F connectors – RGB video input from the computer
- 4-pin mini-DIN connector – S-video input
- Pair of audio jacks (RCA, stereo) – reserved for use with S-video
- Composite video connector – RCA-style video input
- Pair of audio jacks (RCA, stereo) – reserved for use with composite video
- 3.5 mm stereo jack – audio input from the computer
- 3.5 mm stereo jack – audio output to connect speakers

	<ul style="list-style-type: none"><li>• RJ45 – network connection for SNMP management and control, and for sending e-mail alerts</li><li>• DB9F (RS-232) connector input for control codes from external source</li></ul>
<b>Projector fan</b>	<ul style="list-style-type: none"><li>• Standard speed – 0 m to 1829 m (0' to 6000'): 5°C to 35°C (41°F to 95°F)</li><li>• High speed – 1829 m to 2073 m (6000' to 6800'): 5°C to 30°C (41°F to 86°F)</li></ul>
<b>Projector noise</b>	36 dBA (high fan speed) or 31dBA (standard fan speed), measured using JIS method
<b>Power requirements</b>	100V AC to 240V AC, at 50 Hz to 60 Hz
<b>Power cable</b>	Includes a 4.5 m (14' 9") power cable
<b>External control</b>	The DB9F (RS-232) connector is configured to accept control codes from your computer or a room control system.
<b>Power consumption</b>	240 W in High Brightness, 200 W in Economy mode and <1 W in Standby mode (no Ethernet).
<b>Remote control</b>	Provides a method of controlling the SMART V25 projector settings
<b>Theft protection</b>	The SMART V25 projector system features an optional padlocked ring to prevent theft. A Kensington® security slot is provided to affix the system to a wall as a visual and physical theft deterrent.

## Storage and operating specifications

<b>Storage</b>	-20°C to 50°C (-4°F to 122°F)
<b>Operation</b>	<ul style="list-style-type: none"><li>• Using standard fan speed: 0°C to 35°C (32°F to 95°F) from 0 m to 1829 m (0' to 6000')</li><li>• Using high fan speed: 5°C to 30°C (41°F to 86°F) from 1829 m to 2073 m (6000' to 6800')</li><li>• In Service mode: 0°C to 35°C (32°F to 95°F) from 2073 m to 2987 m (6800' to 9800')</li></ul>

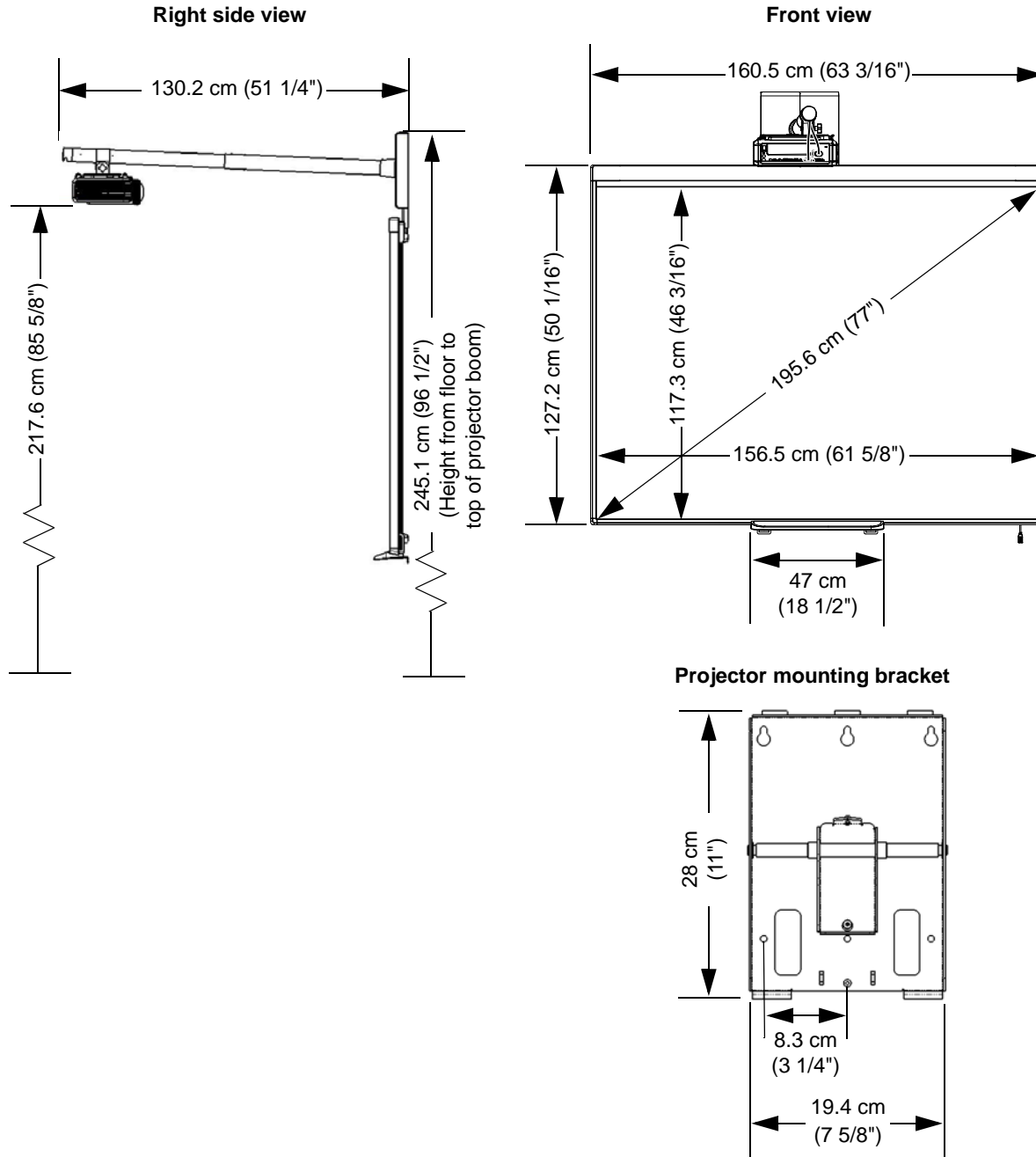
## SMART order numbers

<b>SB480iv</b>	195.6 cm (77") diagonal SMART Board 480 interactive whiteboard with a SMART V25 projector system
<b>01-00281-20</b>	Replacement projector lamp

## Optional accessories

For more information on additional accessories for your SMART Board 480 interactive whiteboard, see [smarttech.com/accessories](http://smarttech.com/accessories).

## Physical dimensions



[www.smarttech.com/support](http://www.smarttech.com/support) [www.smarttech.com/contactsupport](http://www.smarttech.com/contactsupport)  
 Support +1.403.228.5940 or Toll Free 1.866.518.6791 (U.S./Canada)



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