

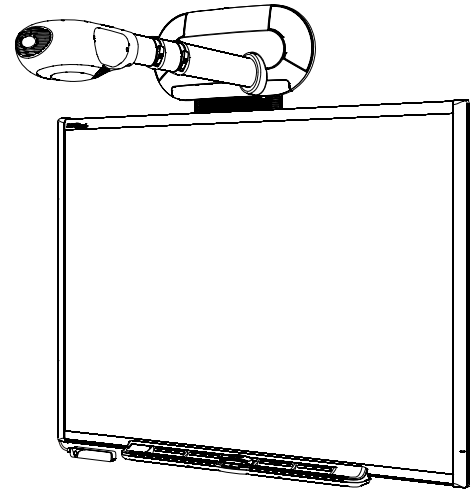
# SMART Board™ Interactive Whiteboard System

## Specifications – Model 680i

### Physical Specifications

#### Unifi™ 35 Projector

<b>Size</b>	25 7/8" W × 14 3/8" H × 48" D (Max.) (65.7 cm × 36.5 cm × 121.9 cm)
<b>Extended Connection Panel</b>	7 5/8" W × 1 1/4" H × 1 3/8" D (19.4 cm × 3.2 cm × 3.5 cm)
<b>Weight</b>	33 lb. (15 kg)
<b>Shipping Weight</b>	52 lb. (23.6 kg)
<b>Shipping Size</b>	30" W × 19" H × 45" D (76.2 cm × 48.3 cm × 114.3 cm)



#### SMART Board™ 680 Interactive Whiteboard

<b>Size</b>	65 1/4" W × 49 1/2" H × 5 1/8" D (165.7 cm × 125.7 cm × 13 cm)
<b>Active Screen Area</b> (maximum interactive, projected image)	61 5/8" W × 46 1/8" H (156.5 cm × 117.2 cm) 77" diagonal (195.6 cm)
<b>Weight</b>	30 lb. (13.6 kg)
<b>Shipping Weight</b>	45 lb. (20.5 kg)
<b>Shipping Size</b>	54" H × 73 1/2" W × 5 1/2" D (137.2 cm × 186.7 cm × 14 cm)

All dimensions +/- 1/8" (3.2 mm). All weights +/- 2 lb. (0.9 kg).

### Standard Features

<b>Software</b>	SMART Notebook software included. See the <a href="#">SMART Notebook software specifications</a> for a complete list of system requirements. Software upgrades are available at <a href="http://www2.smarttech.com/st/en-US/Support/SBS/">www2.smarttech.com/st/en-US/Support/SBS/</a> .
<b>Certifications and Compliance</b>	UL (U.S./Canada), CE, FCC, PSE, VCCI, NOM, RoHS (China), RoHS (Europe), WEEE
<b>Warranty</b>	Two-year limited equipment warranty on the projector, control module and extended connection panel. The projector lamp has a 500 hour/90 day warranty. The interactive whiteboard has a five-year limited equipment warranty upon registration. See warranty documents for details.
<b>Mounting Template</b>	This template ensures a simple installation and accurate alignment between the Unifi 35 projector and your SMART Board 680 interactive whiteboard. Use this document in place of the installation instructions provided with your interactive whiteboard.
<b>Cables</b>	6' (1.8 m) HD-DB15 male-to-male video, 9' 10" (3 m) DVI-I to HD-DB15 male video, 6' (1.8 m) 3.5 mm stereo audio, and 6' (1.8 m) and 16' (5.0 m) USB cables provided

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## Interactive Whiteboard Features

<b>Pen Tray</b>	Optical sensors in the pen tray detect when you lift a pen or the eraser from the tray. LEDs show the active tool.
<b>Pens and Eraser</b>	Black, blue, red and green pens, and a rectangular eraser
<b>Resolution</b>	Touch resolution is approximately 4000 × 4000.
<b>Screen Surface</b>	The hard-coated polyester surface is tear proof, optimized for projection, compatible with dry-erase markers and easily cleaned with whiteboard cleaner.
<b>Digitizing Technology</b>	Resistive
<b>Frame Finish</b>	Two-tone gray (approximates Pantone® Charcoal Gray 18-0601 TPX) and Ultrasonic Chrome (approximates metallic Pantone 877 C)
<b>Wall-Mount Bracket</b>	32" (81.3 cm) wide with five screws and drywall anchors to support a wall-mounted interactive whiteboard.
<b>Installation Instructions</b>	Do not use when installing the 680i system. The installation instructions are for interactive whiteboard installations that don't include the Unifi projector.

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## Unifi 35 Projector Features

<b>On-Screen Interface</b>	Includes interactive tools for controlling the projector, making notes over projected images and saving ScratchPad pages to a USB storage device
<b>Projector Head</b>	Includes a focus ring and a side-mounted access door for changing the lamp
<b>Display Type</b>	True XGA (1024 × 768) projector
<b>Display Technology</b>	Projection engine does not require cleaning or filter replacement. The projection engine uses DLP® technology by Texas Instruments® and features Vikuiti™ Super Close Projection technology from 3M.
<b>Brightness</b>	1500 ANSI lumens, typical
<b>Lamp Life</b>	2000 hours (Standard mode), 3000 hours (Economy mode)
<b>Aspect Ratio</b>	4:3 native, with support for 16:9
<b>Contrast Ratio</b>	1000:1 (FO/FO) (minimum)
<b>Video Compatibility</b>	NTSC, PAL, SECAM, Composite, S-video, Component (YPbPr/YCbCR), SDTV (480i, 576i), EDTV (480P, 576P), HDTV (720P, 1080i), VGA, SVGA, SGA, SXGA, MAC (UXGA)
<b>Synchronization</b>	Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
<b>Scanning Rate</b>	H-sync 15 kHz to 82 kHz, V-sync 50 Hz to 85 Hz
<b>Color</b>	True color (16.7 million 24-bit colors)
<b>Audio System</b>	Integrated stereo amplifier and speakers (20 watts per channel)
<b>Mounting Hardware</b>	Hardware supplied for mounting the Unifi projector and the extended connection panel to framed and concrete walls

## Specifications – Model 680i

<b>Input/Output Connections</b>	DVI-I jack	- analog or digital projector video input
	HD-DB15 jack	- RGB video from computer, linked to extended connection panel
	Two 3.5 mm stereo jacks	- audio inputs, one linked to extended connection panel
	3.5 mm stereo jack	- audio output
	Mini DIN 4-pin connector	- S-video input, linked to extended connection panel
	RCA jack	- composite video input, linked to extended connection panel
	Two RCA jacks	- stereo audio input, linked to extended connection panel
	Three RCA jacks	- component video input
	Two USB A receptacles	- one for USB storage device, linked to extended connection panel - one for USB link to interactive whiteboard
	USB B receptacle	- computer data connection, linked to extended connection panel
	DB9F	- serial (RS-232) computer or external control system connection
	Power reset connector	- linked to extended connection panel Reset button
	AC power receptacle	- accepts standard IEC power cable or adapter
<b>Projector Noise</b>	34 dBA (Standard mode) / 32 dBA (Economy mode)	
<b>Power Requirements</b>	100V to 240V AC 50/60 Hz, 450 W	
<b>Power Switch</b>	Master power control switch	
<b>Power Cable</b>	Three 14' 9" (4.5 m) power cables provided (U.S., UK and Europe)	
<b>External Control</b>	RS-232 input configured to accept control codes from computer or room control system	
<b>Power Consumption</b>	450 W maximum	
<b>Remote Control</b>	Provides an alternate method of controlling the 680i system's major features	

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### Extended Connection Panel Features

<b>Input/Output Connections</b>	HD-DB15 jack	- RGB computer video input
	3.5 mm stereo jack	- computer audio input
	USB A receptacle	- connection for USB storage device
	RCA jack	- composite video input
	Two RCA jacks	- stereo audio inputs
	Mini DIN 4-pin connector	- S-video input
	USB B receptacle	- computer data input
<b>Power Button</b>	Turns the Unifi projector and interactive whiteboard on or off	

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### Control Module Features

<b>Power Button</b>	Large power button, with illuminated status ring, turns the system on or off
<b>Menu Button</b>	Shows and hides the Unifi projector's on-screen interface.
<b>Volume Control</b>	Adjusts the integrated audio system's volume.

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### Storage and Operating Specifications

<b>Storage</b>	-22°F to 122°F (-30°C to 50°C) with 90% humidity, non-condensing
<b>Operation</b>	From 0' to 2500' (0 m to 762 m) 50°F to 95°F (10°C to 35°C) with 20 to 80% humidity, non-condensing
	From 2500' to 5000' (762 m to 1524 m) 50°F to 86°F (10°C to 30°C) with 20 to 80% humidity, non-condensing
	From 5000' to 10000' (1524 m to 3048 m) 50°F to 77°F (10°C to 25°C) with 20 to 80% humidity, non-condensing

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**SMART Order Number**

**680i** SMART Board 680i interactive whiteboard system includes a SMART Board 680 interactive whiteboard integrated with a Unifi 35 projector

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**Optional Accessories**

**USB-XT** 16' (5 m) USB active extension cable

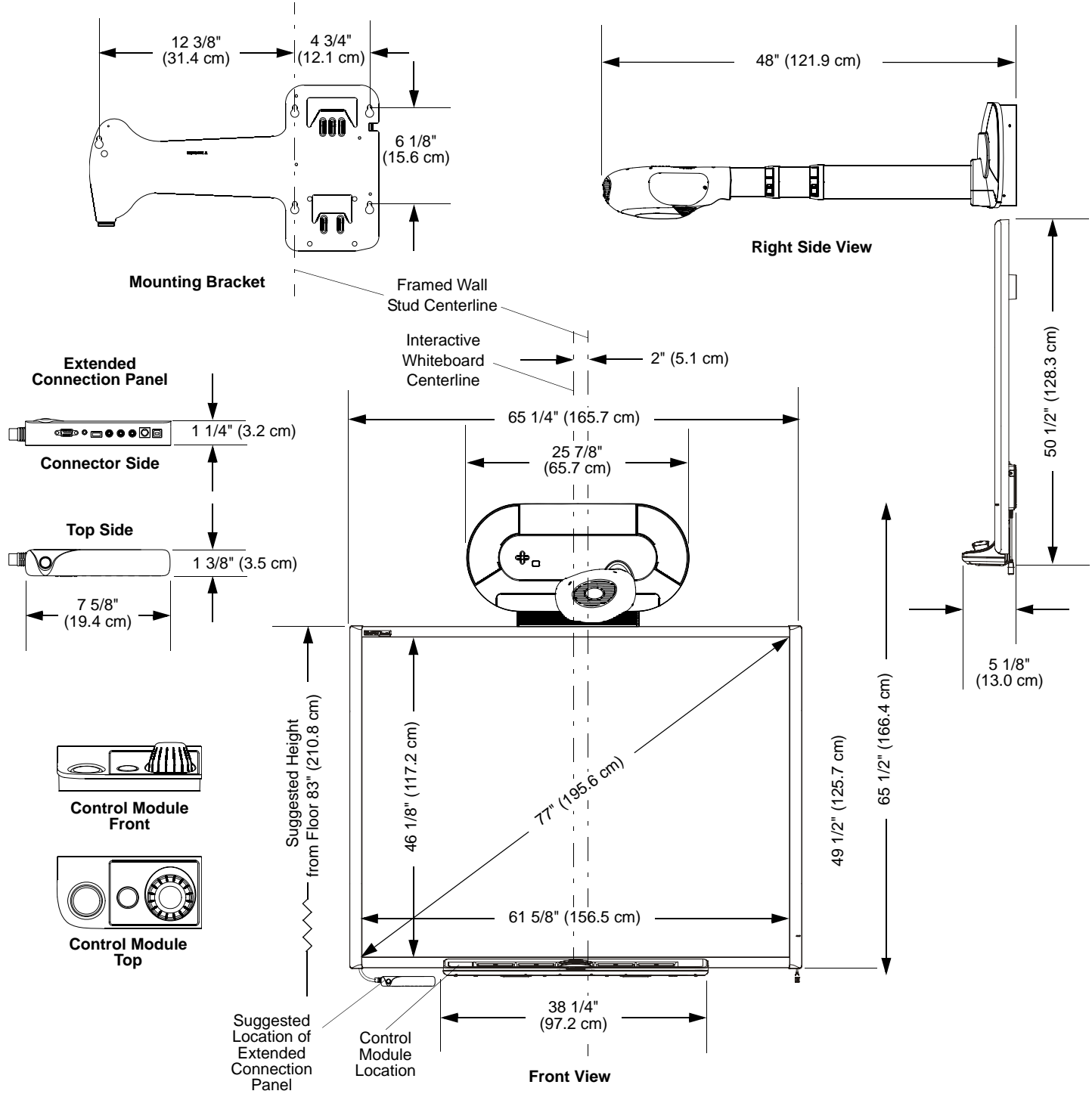
**CAT5-XT** USB to Cat 5 cable extender set, includes two 6' (1.8 m) USB cables

**RPEN-ER** Replacement set of four pen tray pens (black, red, blue and green), and a rectangular eraser

**RPEN** Replacement set of four pen tray pens (black, red, blue and green)

**USB-GW** GoWire™ SMART Board software auto-launch USB cable

Physical Dimensions



www.smarttech.com/support www.smarttech.com/contactsupport  
 Support +1.403.228-5940 or Toll Free 1.866.518.6791 (U.S./Canada)

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