

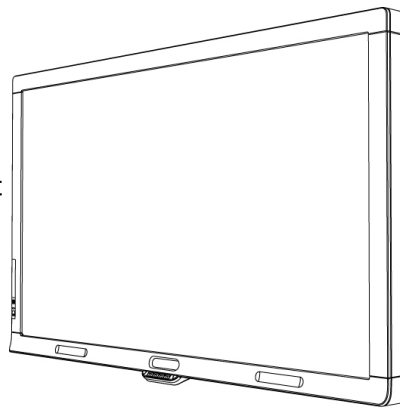
## Specifications

# SMART Board® interactive flat panel

Models 8070i-SMP and 8070i

### Physical specifications

<b>Size</b>	66 3/8" W × 40 7/8" H × 9 7/8" D (168.5 cm × 103.8 cm × 25 cm)
<b>Active screen area (maximum interactive projected area)</b>	70" (178 cm) diagonal, 16:9 aspect ratio 61" W × 34 1/4" H (154.9 cm × 87.2 cm)
<b>Weight</b>	262 lb. (119 kg)



All dimensions +/- 1/8" (0.3 cm).

All weights +/- 2 lb. (0.9 kg).

### Shipping size

1 unit on a pallet	22 1/4" W × 54" H × 78" D (57 cm × 139 cm × 198 cm)
2 units on 3 pallets	45" W × 59 3/4" H × 78" D (114 cm × 152 cm × 198 cm)

### Shipping weight

1 unit on a pallet	339 lb. (153.8 kg)
2 units on 3 pallets	723 lb. (328 kg)

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### Standard features

<b>Touch technology</b>	DViT® (Digital Vision Touch) technology uses digital cameras to track objects interacting with the surface. Cameras can recognize finger, pen and eraser touch.
<b>Gestures</b>	Supports multitouch gestures
<b>Orientation</b>	The Orientation button on the color select module enables you to adapt the touch control to various screen resolutions.
<b>Pen</b>	The pen interacts with the interactive flat panel to draw digital ink. Buttons on the color select module enable you to select pen color. The bottom frame of the interactive flat panel has magnetic slots for the two included pens.
<b>Eraser</b>	The interactive flat panel has a magnet-mounted eraser.
<b>Keyboard</b>	You can connect a keyboard or press the Keyboard button on the color select module to use the on-screen keyboard.
<b>Product help</b>	The Help button on the color select module enables you to access product help.
<b>Included connectors and hardware</b>	<p>The following connectors and hardware are included with your SMART Board interactive flat panel.</p> <ul style="list-style-type: none"><li>• 3' (0.9 m) country-specific power cable</li><li>• 16' 5" (5 m) USB cable</li><li>• VGA cable</li><li>• Infrared remote control</li><li>• CAT 5 USB extender (SMART Board® 8070i-SMP interactive flat panels only)</li><li>• SMART GoWire™ auto-launch cable with SMART Meeting Pro™ software (SMART Board 8070i-SMP interactive flat panels only)</li></ul>
<b>Video and control inputs</b>	<ul style="list-style-type: none"><li>• S-Video</li><li>• RCA video input</li><li>• HDMI™ (× 2)</li><li>• RGB/HV in for guest laptop</li><li>• VGA for room computer</li><li>• DisplayPort</li><li>• DVI-D</li></ul>

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- USB B (× 3)
- USB A (× 1) to use with the room computer only

- Power**
- AC power inlet
  - AC power pass-through

- Audio specifications**
- Includes two 15 W speakers
  - External speaker terminals: 10 W + 10 W with 8 Ω of resistance

- Audio inputs
- USB
  - Dual RCA jacks (× 2)
  - Stereo 3.5 mm jack

Audio output RCA L/R

### Screen specifications

Pixel pitch 0.807 mm

Contrast ratio 1300:1

Brightness Maximum 430 cd/m<sup>2</sup>

Horizontal frequency 31.5–91.1 kHz (analog and digital)

Vertical frequency 50–85 Hz

Optimum resolution 1920 × 1080 at 60 Hz

**Warranty** Two-year limited equipment warranty. See your product's warranty documents for more information.

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### Installation requirements

- The interactive flat panel must be installed by trained professional installers.
- Use a lifting device to lift the interactive flat panel.
- Your installers require a standard VESA® 400 mm × 400 mm mounting plate (not included) to wall-mount the interactive flat panel.
- Ensure the mounting system can support the product's weight.
- Refer to the *SMART Board 8070i interactive flat panel installation guide* ([smarttech.com/kb/155314](http://smarttech.com/kb/155314)) for more information.

### Computer requirements

You need to connect a computer to the interactive flat panel. Choose one of the following:

#### **SMART Board 8070i-SMP interactive flat panel**

- A computer with a Windows® operating system and SMART Meeting Pro software installed. For a complete list of computer requirements, see the SMART Meeting Pro software release notes available at [smarttech.com/downloads](http://smarttech.com/downloads).
- A laptop with a Windows operating system that doesn't have SMART Meeting Pro software installed. You can connect this laptop to the interactive flat panel using the included SMART GoWire cable with SMART Meeting Pro software. For a complete list of computer requirements, see the SMART GoWire cable specifications ([smarttech.com/kb/151506](http://smarttech.com/kb/151506)).

#### **SMART Board 8070i interactive flat panel**

A computer with either a Windows operating system or Mac OS operating system software and SMART Notebook™ collaborative learning software installed. For a complete list of computer requirements, see the SMART Notebook software release notes available at [smarttech.com/downloads](http://smarttech.com/downloads).

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### Storage and operating requirements

**Power requirements (LCD panel)** 9.2A at 100V AC to 3.7A at 240V AC, 50 Hz to 60 Hz

**Power consumption at 77°F (25°C)** Typically up to 530 W (brightness at 70% and volume at 40), maximum 580 W (brightness and volume at maximum)

**Operating temperature** 41°F to 95°F (5°C to 35°C)

**Storage temperature** -4°F to 140°F (-20°C to 60°C)

**Humidity** 5% to 80% relative humidity, non-condensing

#### CAUTION

- The interactive flat panel is intended for indoor use only.
- Do not pour or spray liquids onto your product's electronic components.

**Ventilation requirements** Maintain a 4" (10 cm) ventilation area on all sides of your interactive flat panel to enable its cooling fans to operate. Don't store or operate your interactive flat panel in dusty environments because dust could interfere with the product's ventilation and cooling.

### Environmental

**Electrostatic discharge (ESD)**

- Designed to withstand electrostatic shock
- EN61000-4-2 severity level 3 for direct and indirect ESD (±4 kV Contact / ±8 kV Air)

**Conducted and radiated emissions**

- FCC part 15 Class A
- EN55022 / CISPR 22
- KN55022

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### Flammability rating

Electronics and connectors UL 94-V0

Mechanical parts UL 94-HB

USB cable UL VW-1 / CSA FT4

**Environmental compliance** CPSIA, EU RoHS and WEEE

**Regulatory certification** CB report, CSA/C-US, C-Tick-A, Doc-A, FCC-A, KC, KCC, TUV-GS and UL/C-US

### SMART order numbers

**SBID 8070i-SMP** SMART Board interactive flat panel. Includes a SMART Meeting Pro software license key and a SMART GoWire cable with SMART Meeting Pro software.

**SBID 8070i** SMART Board interactive flat panel. Includes a SMART Notebook software installation DVD.

### Optional accessories

**SMP-UpK** SMART GoWire cable. This USB to USB connection enables you to use SMART Meeting Pro software on computers on which the software isn't installed.

**93-00823-20** 16' 5" (5 m) wire bundle to connect the interactive flat panel to a nearby laptop. Includes a USB cable and a VGA-to-RGB cable.

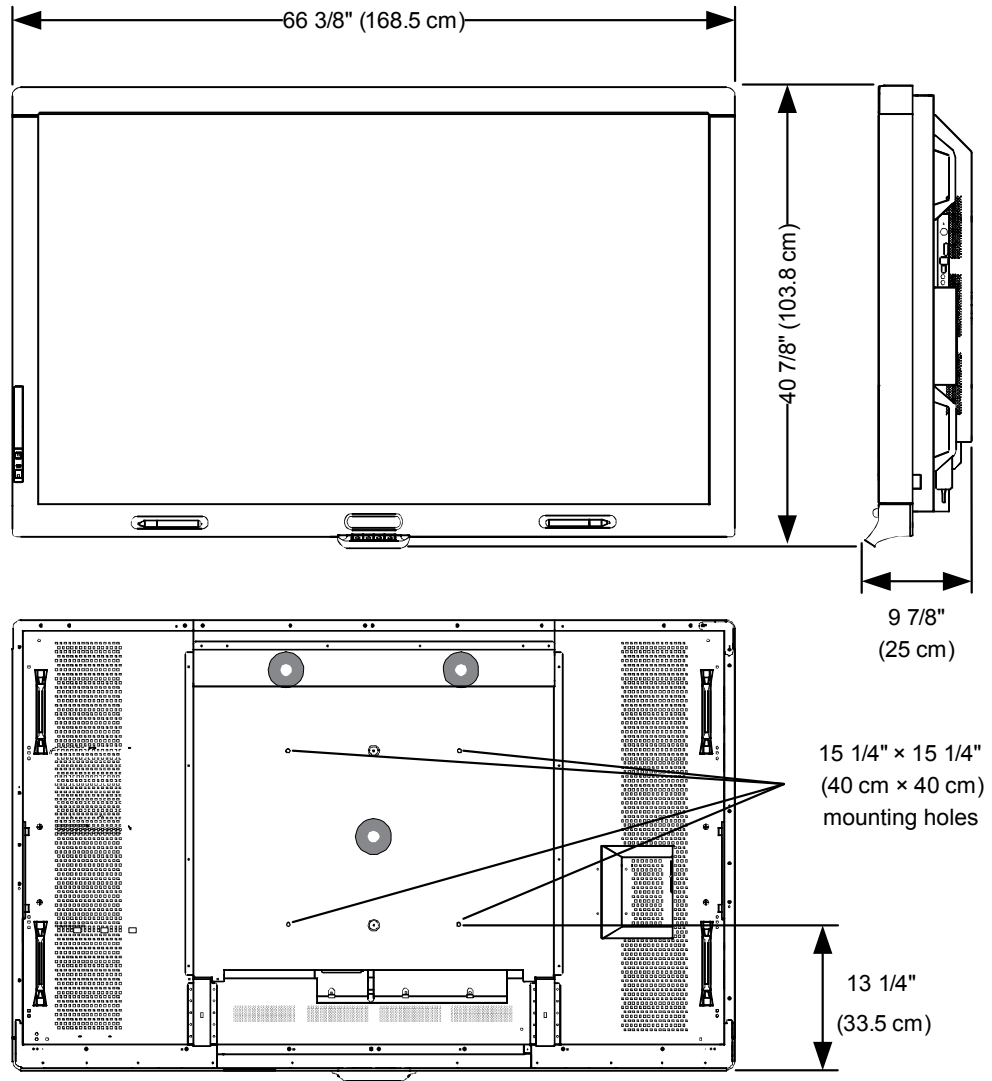
**RPEN-SBID** Replacement pen for SMART Board 8000 series interactive flat panels

**RERASER-SBID** Replacement eraser for SMART Board 8000 series interactive flat panels

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### Physical dimensions



[smarttech.com/support](http://smarttech.com/support)

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