

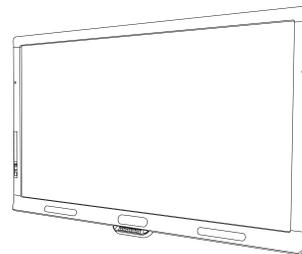
Specifications

SMART Board® interactive flat panel

Model 8055ie-SMP

Physical specifications

Size 52 3/8" W × 33 5/16" H × 5 7/16" D
(133 cm × 84.6 cm × 13.9 cm)
(See *Physical dimensions* on page 7 for detailed dimensions.)



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

Active screen area (maximum interactive projected area) 54 5/8" (139 cm) diagonal, 16:9 aspect ratio
47 5/8" W × 26 3/4" H
(121 cm × 68 cm)

Weight

Interactive flat panel 98 lb. (44.5 kg)
Appliance 2.6 lb. (1.2 kg)

Shipping size

1 unit on a pallet 61 3/4" W × 43" H × 14 3/4" D (157 cm × 109 cm × 37.3 cm)
3 units on a pallet 61 3/4" W × 43" H × 43 3/16" D (157 cm × 109 cm × 110 cm)

Shipping weight

1 unit on a pallet 148 lb. (67 kg)
3 units on a pallet 400 lb. (181 kg)

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Standard features

Touch technology	DViT® (Digital Vision Touch) technology uses digital cameras to track objects interacting with the surface. Cameras can recognize finger, pen and eraser touch.
Gestures	Supports multitouch gestures on computers with Windows® 7 operating systems and Mac OS X operating system software.
Orientation	The Orientation button on the color select module enables you to adapt the touch control to various screen resolutions.
Presence detection	<p>The interactive flat panel has two presence detection sensors on its frame that can detect people up to 16' (5 m) away when the interactive flat panel is in Standby mode.</p> <p>When the sensors detect motion in the room, the interactive flat panel turns on and displays a welcome screen and sounds a system chime. Touching the screen activates the interactive flat panel. When the sensors no longer detect people in the room, the interactive flat panel returns to Standby mode.</p> <p>Presence detection settings can be changed with the On Screen Display menu.</p>
Pen	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.
Eraser	The interactive flat panel has a magnet-mounted eraser.
Keyboard	You can connect a keyboard or press the Keyboard button on the color select module to use the on-screen keyboard.
Product help	The Help button on the color select module enables you to access product help.
Included hardware	<p>The following connectors and hardware are included with your SMART Board® interactive flat panel</p> <ul style="list-style-type: none">• Two speakers• 16' 5" (5 m) USB cable• VGA cable• 10 small clamps and 5 large clamps (for cable management)• Infrared remote control• Power cable• CAT 5 USB extender• SMART GoWire™ auto-launch cable with SMART Meeting Pro™ software

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- Appliance
- 3' (0.9 m) power cable
 - 16' (5 m) wire bundle to connect the interactive flat panel to a laptop
 - 6' (1.8 m) USB cable
 - 4' (1.2 m) VGA cable
 - Power adapter
 - Mounting hardware

Video and control inputs

- Bottom terminal panel
- S-Video
 - HDMI
 - VGA (×2)
 - DisplayPort
 - DVI-D

- Inside terminal panel
- USB B (×2)
 - Room control input
 - Room control output

- Side terminal panel
- USB A

NOTE

This can be disabled. See the *SMART Board 8055i, 8055i-SMP and 8055ie-SMP interactive flat panel user's guide* (smarttech.com/kb/170177) for more information.

- USB B
 - HDMI
- Power**
- AC power inlet
 - AC power pass-through, for designated SMART products only

Audio specifications

Includes two 15 W speakers

External speaker terminals 10 W + 10 W into 8 Ω of resistance

- Audio inputs
- USB
 - Dual RCA jacks (× 2)

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- 3.5 mm jack
- HDMI

Audio output Dual RCA jacks (× 2)

Screen specifications

Pixel pitch 0.63 mm

Contrast ratio 2800:1

Brightness Maximum 450 cd/m²

Horizontal frequency 14–96 kHz (analog and digital)

Vertical frequency 24–85 Hz

Optimum resolution 1920 × 1080 at 60 Hz

Appliance applications

- SMART Meeting Pro application
- Internet browser
- PDF viewer
- Presentation viewer

Appliance mounting system

- Mounting bracket
- Four screws to mount the appliance bracket on the interactive flat panel
- One thumb screw to hold the appliance in place in the bracket

Hardware warranty

Two-year limited equipment warranty

LCD pixel policy

See knowledgebase.force.com/articles/TROUBLESHOOTING/Limited-pixel-warranty-for-SMART-Board-8000i-series-interactive-flat-panels

Installation requirements

- The interactive flat panel must be installed by trained professional installers.
- Your installers require a standard VESA® 400 mm × 600 mm mounting plate (not included) to wall-mount the interactive flat panel. The wall-mount bracket must have minimum depth of 14 mm to ensure sufficient space for speakers.
- Ensure the wall and mounting system can support the product's weight.

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Storage and operating requirements

Power requirements

0.8A to 1.8A at 100V to 240V AC, 50 Hz to 60 Hz

Power consumption at 77°F (25°C)

Typically up to 148 W (brightness at 80% and volume at 50), maximum 178 W (brightness and volume at maximum)

Operating temperature

41°F to 95°F (5°C to 35°C)

Storage temperature

23°F to 95°F (-5°C to 35°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

Flammability rating

Electronics and connectors

UL 94-V0

Mechanical parts

UL 94-HB

USB cable

UL VW-1 / CSA FT4

Environmental compliance

EU RoHS, WEEE, Battery and Packaging, U.S. Packaging

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Regulatory certification

CB report, CE (Class A), C-Tick (Class A), FCC (Class A), KCC, PSE and UL/C-US

SMART order numbers

SBID 8055ie-SMP

SMART Board interactive flat panel with appliance. Includes a SMART GoWire cable with SMART Meeting Pro software and a CAT 5 USB extender.

Optional accessories

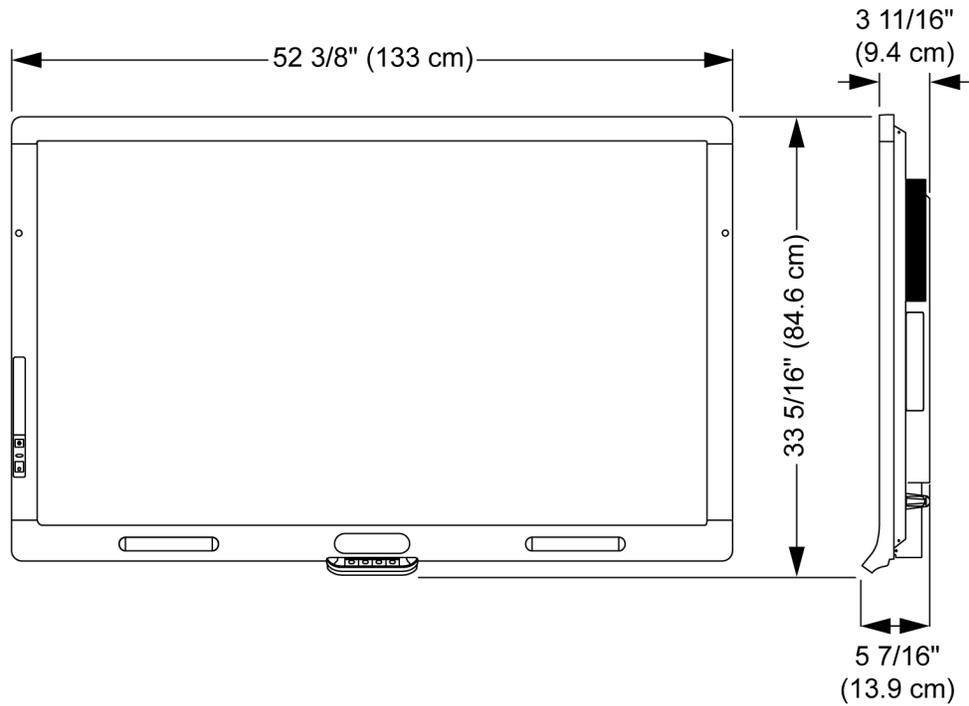
For more information on additional accessories for your SMART Board interactive flat panels, see smarttech.com/accessories.

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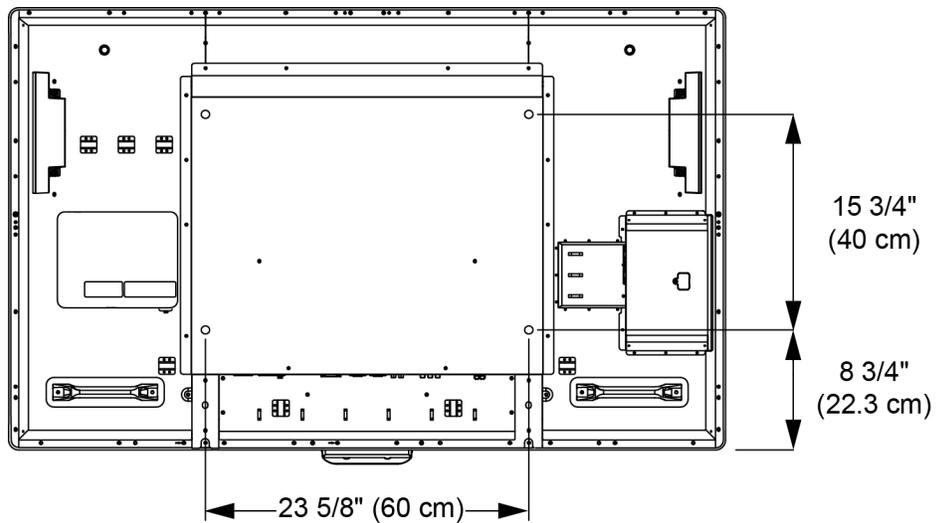
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Physical dimensions

Front and side view



Back view



smarttech.com/support
smarttech.com/contactsupport

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