

Specifications

SMART Board® 6055 interactive flat panel

Model SPNL-6055

Overview

The SMART Board® 6055 interactive flat panel features SMART's proprietary DVIT® (Digital Vision Touch) technology and combines a premium touch experience with the power of SMART Notebook® collaborative learning software on a 55" LED display. For simple and powerful digital whiteboarding, this interactive flat panel is also SMART kapp iQ™ enabled.

The 4K ultra-high-definition display provides optimal image clarity and wide viewing angles. With the new Pen ID™ feature, you can assign different appearances to the pens and write or draw over any application in digital ink.

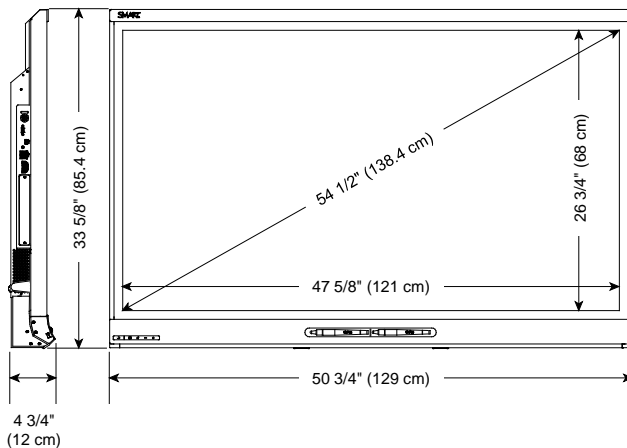
Object Awareness allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

See education.smarttech.com for more information about this product.



Dimensions and weights¹

Dimensions



Weight

104 lb. (47.4 kg)

Shipping dimensions (including pallet)

59 7/8" × 11" × 44 1/4"

(152 cm × 28 cm × 112.5 cm)

Shipping weight

144 lb. (65.1 kg)

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

Hardware

Interaction

Touch technology	DViT technology
Multitouch capabilities	4 touches on Windows® and Mac computers
Gesture support	Windows 7, Windows 8.1 and Windows 10 operating systems OS X 10.9, 10.10 and 10.11 operating system software
Object awareness	Behavior adjusts automatically depending on the tool or object being used, whether it's a pen, finger, eraser or palm.
Pen ID	Two people can write independently and simultaneously, using different colored ink.

Display

Type	LED
Aspect ratio	16:9
Optimal resolution	3840 × 2160 at 30 Hz (HDMI® input only)
Horizontal frequency	244–280 kHz (analog and digital)
Vertical frequency	24–120 Hz
Contrast ratio (typical)	1400:1
Brightness (typical)	280–360 cd/m ²
Pixel pitch	0.315 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time	8 ms



Presence detection Presence detection sensor on the bottom frame

Audio 10 W integrated side-firing speakers (×2)

Noise level 35 dBA

Included cables and accessories 8' (2.4 m) country-specific power cable
16' 5" (5 m) USB cable²
Pen (×2)

Mounting holes For a standard VESA® 400 mm × 400 mm mounting plate
11 1/8" (28.2 cm) from the bottom of the interactive flat panel

Mounting bracket depth Minimum depth of 1 5/8" (4.2 cm) for all components on the back of the interactive flat panel to clear the wall

²HDMI cable not included (See *Installation requirements* for HDMI cable requirements.)

Connectors

Side	Side connector panel: USB 2.0 Type-B HDMI 1.4 in Stereo 3.5 mm out RS-232 in	Accessory slot: OPS interface supporting HDMI, DisplayPort and USB
Back	AC power inlet	

Installation requirements

Interactive flat panel	See the <i>SMART Board 6000 series interactive flat panels administrator's guide</i> (smarttech.com/kb/170641)
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Room computers and guest laptops

General requirements	See smarttech.com/SMARTNotebookReleaseNotes
4K UHD	Graphics card that can support 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory See kb.smarttech.com/?q=15546
HDMI cable	HDMI 1.4 compliant or better Maximum recommended passive length of 25' (7.6 m)

Storage and operating requirements

Power requirements	90V to 240V AC, 50 Hz to 60 Hz
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Power consumption at 77°F (25°C)

Standby mode	16 W
Normal operating	122 W
Maximum operating	130 W

Operating temperature	41–95°F (5–35°C)
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Storage temperature	-4–140°F (-20–60°C)
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Humidity	5–80% relative humidity, non-condensing
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Certification and compliance

Regulatory certification	UL (U.S./Canada), FCC, IC, CE Mark, RCM Mark, CCC, EAC, VCCI, SPRING, KC Mark
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Environmental compliance

European Union	REACH, RoHS, WEEE and Packaging
U.S.	Packaging and Conflict Minerals

Purchasing information

Order number

SPNL-6055 SMART Board 6055 interactive flat panel, including a SMART Notebook software license key

Optional accessories

WM-SBID-501 Fixed wall mount for SMART interactive flat panels

UGK-KAPPIQ-AM30 SMART kapp iQ appliance for SMART Board 6000 series interactive flat panels

Other See smarttech.com/accessories

Warranty

Two-year limited equipment warranty

Extended warranty

EWY1-SPNL6055 One-year warranty extension

EWY3-SPNL6055 Three-year warranty extension

smarttech.com/support
smarttech.com/contactsupport

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