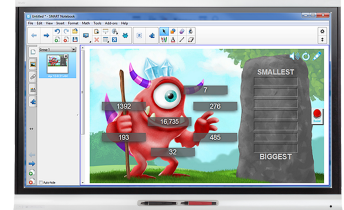**Specifications**

SMART Board® 6055 interactive flat panel
Model SPNL-6055

Overview

The SMART Board® 6055 interactive flat panel combines SMART's proprietary DViT® (Digital Vision Touch) technology with a premium touch experience and 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.

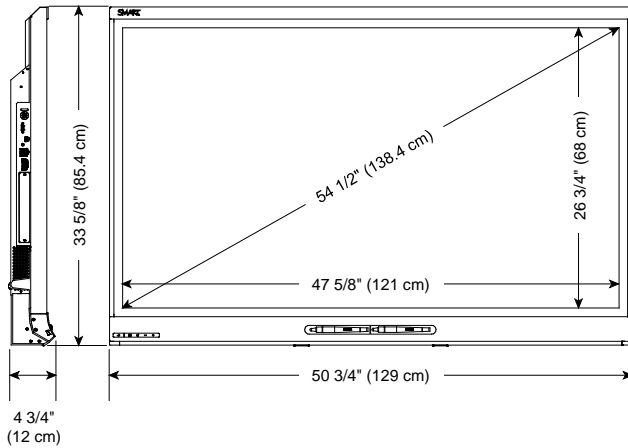The 4K ultra-high-definition display provides optimal image clarity and wide viewing angles. With the new Pen ID™ feature, you can assign different appearances to the pens and write or draw over any application in digital ink.

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 weights[1]

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)

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

Hardware

Interaction

Touch technology	DViT technology
Multitouch capabilities	8 touches on Windows® and Mac computers[2]
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 to whatever tool or object is 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 (maximum)	360 cd/m^2
Pixel pitch	0.315 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time (typical)	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 cable[3] 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

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[2]Requires SMART Product Drivers to be installed, and some applications might not support 8 touches

[3]HDMI cable not included (See *Cable 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 and USB	
Back	AC power inlet		

Installation requirements

Interactive flat panel	See the *SMART Board 6000 series interactive flat panels administrator's guide* (smarttech.com/kb/170641)
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

Cable requirements

HDMI	HDMI 1.4 compliant or better Maximum length: 23' (7 m) Notes: Use only certified HDMI cables that have been tested to support the performance standard you require. The performance of cables longer than 23' (7 m) is highly dependent on the quality of the cable.
USB	Maximum length: 16' (5 m)
Important	Using cables that exceed these maximum lengths may produce unexpected results, degraded picture quality or USB connectivity. Refer to the *SMART installation standards* (smarttech.com/kb/171035) for a comprehensive guide on cables and extensions for SMART hardware products.

Storage and operating requirements

Power requirements	90V to 240V AC, 50 Hz to 60 Hz
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)

Storage temperature	-4–140℉ (-20–60℃)
Humidity	5–80% relative humidity, non-condensing

Certification and compliance

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

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-EDU	SMART kapp iQ for education 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