SMART®

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 54 1/2" (138.4 cm) LED display. For simple and powerful digital whiteboarding, this display is also SMART kapp iQ™ enabled.

The 4K ultra-high-definition resolution display provides optimal image clarity and wide viewing angles. With the new Pen iQ™ feature, you can assign different appearances to either pen and write or draw over any application in digital ink.
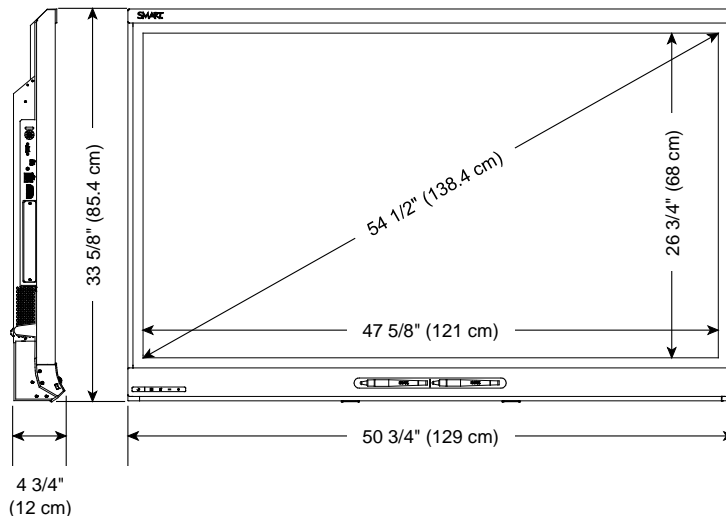
Object Awareness allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

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)

[1]All 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 and Windows 8 operating systems OS X 10.8, 10.9 and 10.10 operating system software

Display

Aspect ratio	16:9
Optimal resolution	3840 × 2160 at 30 Hz
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

Audio	2 10 W integrated side-firing speakers
Noise level	35 dBA
Included cables and hardware	8' (2.4 m) country-specific power cable 16' 5" (5 m) USB cable[2] 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

Connectors

Side	USB 2.0 Type-B HDMI® 1.4 in Stereo 3.5 mm out RS-232 in
Back	AC power inlet

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

Installation requirements

Interactive flat panel	See the *SMART Board 6000 series interactive flat panels administrator's guide* (smarttech.com/kb/170641)
Computer	
General requirements	See smarttech.com/SMARTNotebookReleaseNotes
4K UHD requirements	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 Maximum recommended length of 16' 5" (5 m)

Storage and operating requirements

Power requirements	90V to 240V AC, 50 Hz to 60 Hz
Power consumption at 77°F (25°C)	
Standby mode	15 W
Normal operating	118 W
Maximum operating	130 W
Operating temperature	41–95°F (5–35°C)
Storage temperature	-4–140°F (-20–60°C)
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	RoHS, Packaging, WEEE and REACH
U.S.	Packaging and Conflict Minerals

Purchasing information

Order numbers	
SPNL-6055	SMART Board 6055 interactive flat panel, including a SMART Notebook software license key
Optional accessories	
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

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