

Specifications

SMART kapp iQ

SMART kapp iQ™ 55 board

Overview

Using your SMART kapp iQ™ 55 board, you can capture notes and ideas, present information and collaborate with others in simple but powerful ways.

Connect a Bluetooth®-enabled mobile device to the board by scanning the Quick Response (QR) code on the board's screen. When you first connect your mobile device, you're directed to the Apple App Store or Google Play™ to download the SMART kapp® app. After installing the app, you can connect to your board and share notes with others. You can write notes in black or red ink using the provided pens and erase notes with the pens' erasers or with your palm or fist.

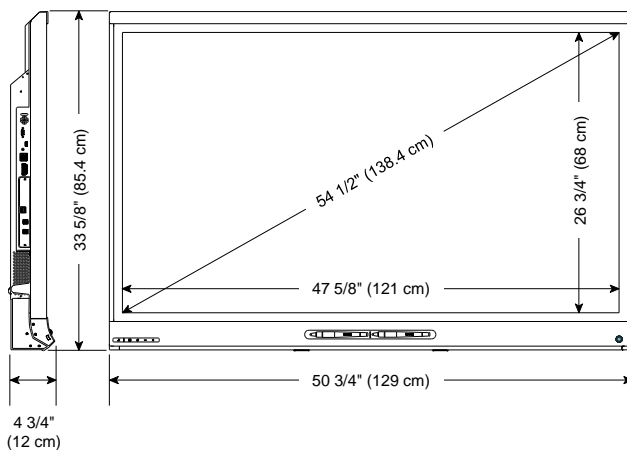
The board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

See smarkkapp.com for more information about SMART kapp iQ.



Dimensions and weights¹

Dimensions



Weight

107 lb. (48.4 kg)

Shipping dimensions (including pallet)

59 7/8" × 11" × 44 1/4"
(152 cm × 28 cm × 112.5 cm)

Shipping weight

146 lb. (66.4 kg)

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

Hardware

Display

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
Source Control	Input button on the front control panel switches the video input source
Silktouch™ technology	Silktouch technology provides natural, friction-free touch interaction with the panel
Object awareness	Functionality automatically adjusts depending on the tool or object being used, whether it's a pen, finger, eraser or palm.
Digital capture technology	DViT® (Digital Vision Touch) technology
Wireless technology	Bluetooth 4.0 dual mode (backwards compatible with Bluetooth 2.1 + EDR)
Capture options	Establish a Bluetooth wireless connection with a supported mobile device (see below) by scanning the board's unique QR code Establish a Bluetooth wireless connection with a supported mobile device (see MobileSupport.htm) by scanning the board's unique QR code
Presence detection	Presence detection sensor on the bottom frame
Audio	Two 10 W integrated side-firing speakers
Noise level	35 dBA
Included cables and hardware	8' (2.4 m) country-specific power cable AM30 appliance Pen (×2)
Mounting holes	For a standard VESA® 400 mm × 400 mm mounting plate (not included) 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	Connector panel: <ul style="list-style-type: none"> • USB 2.0 Type-B • HDMI 1.4 in • Stereo 3.5 mm out • RS-232 in 	AM30 appliance: <ul style="list-style-type: none"> • USB 3.0 Type-A (×2) • USB 2.0 Type-B (×2) (service use only)
Bottom	USB 2.0 Type-A	
Back	AC power inlet	

Installation requirements

SMART kapp iQ board See the *SMART kapp iQ board user's guide* (smarttech.com/kb/170812)

SMART kapp app

Apple devices	<ul style="list-style-type: none"> • iOS 8.1 or later operating system software • 50 MB of storage • iPhone 4S or later • Third generation iPad or later • First generation iPad mini or later • Fifth generation iPod touch or later
Android™ devices	<ul style="list-style-type: none"> • Android 4.4.4 (KitKat) or later operating system • 50 MB of storage (internal or SD card) • 1024 MB of RAM • 720p or better screen resolution • Bluetooth 2.1 + EDR • NFC (recommended) • 3 megapixel or better rear-facing camera (recommended)

SMART kapp viewer

Mobile	Safari for iOS 8.1 or later operating system software Chrome™ for Android 39.0.2171.93 or later
Desktop	Internet Explorer® 10 or later Chrome 39.0.2171.95 or later Firefox® 34.0.5 or later Safari 8.0 or later

Storage and operating requirements

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

Power consumption at 77°F (25°C)

Standby mode	25 W
Normal operating	122 W
Maximum operating	134 W

Operating temperature 41–95°F (5–35°C)

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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

Environmental compliance

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

Purchasing information

Order number

KappiQ-55	SMART kapp iQ 55" board
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Optional accessories See smarttech.com/businessaccessories

Warranty Two-year limited equipment warranty

smartkapp.com
smartkapp.com/support

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