

## Specifications

# SMART kapp iQ

SMART kapp iQ™ 55" capture board

## Overview

Using your SMART kapp iQ™ 55" capture 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 capture board by scanning the Quick Response (QR) code on the capture 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 capture 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.

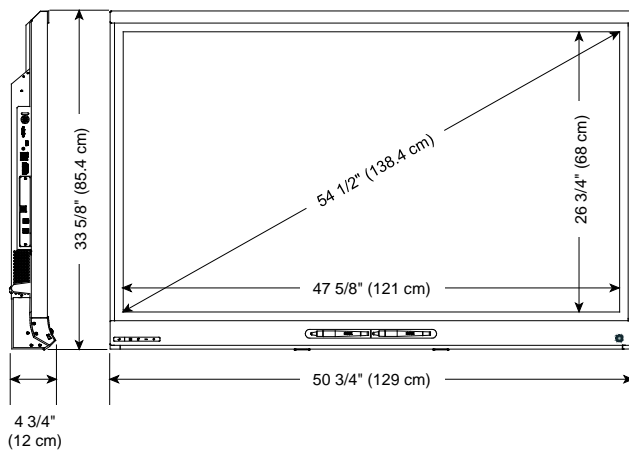
The capture board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

See [smarkkapp.com](http://smarkkapp.com) for more information about SMART kapp iQ.



## Dimensions and weights<sup>1</sup>

### 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)

<sup>1</sup>All 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 <sup>2</sup>	
Pixel pitch	0.315 mm	
Gamut	72% of NTSC	
Viewing angle	178°	
Response time	8 ms	
<b>Digital capture technology</b>	DViT® (Digital Vision Touch) technology	
<b>Wireless technology</b>	Bluetooth 4.0 dual mode (backwards compatible with Bluetooth 2.1 + EDR)	
<b>Capture options</b>	Establish a Bluetooth wireless connection with a supported mobile device (see below) by scanning the capture board's unique QR code	
<b>Presence detection</b>	Presence detection sensor on the bottom frame	
<b>Audio</b>	Two 10 W integrated side-firing speakers	
<b>Noise level</b>	35 dBA	
<b>Included cables and hardware</b>	8' (2.4 m) country-specific power cable AM30 appliance Pen (×2)	
<b>Mounting holes</b>	For a standard VESA® 400 mm × 400 mm mounting plate 1 1/8" (28.2 cm) from the bottom of the interactive flat panel	
<b>Mounting bracket depth</b>	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

<b>Side</b>	Connector panel: USB 2.0 Type-B HDMI 1.4 in Stereo 3.5 mm out RS-232 in	AM30 appliance: USB 3.0 Type-A (×2) USB 2.0 Type-B (×2) <sup>2</sup>
<b>Bottom</b>	USB 2.0 Type-A	
<b>Back</b>	AC power inlet	

## Installation requirements

**Capture board** See the *SMART kapp iQ capture board user's guide* ([smarttech.com/kb/170812](http://smarttech.com/kb/170812))

### SMART kapp app

Apple devices	iOS 7.1 or later operating system software 50 MB storage iPhone 4S or later Third generation iPad or later First generation iPad mini or later Fifth generation iPod touch or later
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Android™ devices	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 3 megapixel or better rear-facing camera (recommended)
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### SMART kapp viewer

Mobile	Safari for iOS 7.1 or later operating system software Chrome™ for Android 39.0.2171.93 or later
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Desktop	Internet Explorer® 10 or later Chrome 39.0.2171.95 or later Firefox® 34.0.5 or later Safari 8.0 or later
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## Storage and operating requirements

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

Standby mode	25 W
Normal operating	122 W

<sup>2</sup>For service use only.

SPECIFICATIONS

**SMART KAPP IQ 55" CAPTURE BOARD**

Maximum operating	134 W
<b>Operating temperature</b>	41–95°F (5–35°C)
<b>Storage temperature</b>	-4–140°F (-20–60°C)
<b>Humidity</b>	5–80% relative humidity, non-condensing

Certification and compliance

<b>Regulatory certification</b>	UL (U.S./Canada), FCC, IC, CE Mark, RCM Mark
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**Environmental compliance**

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

Purchasing information

**Order number**

KappiQ-55	SMART kapp IQ 55" capture board
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<b>Optional accessories</b>	See <a href="http://smarttech.com/businessaccessories">smarttech.com/businessaccessories</a>
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**Warranty**

North America, UK and Australia	One-year limited equipment warranty
Europe	Two-year limited equipment warranty

smartkapp.com  
smartkapp.com/support

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