

Specifications

SMART kapp iQ

SMART kapp iQ™ 75 board

Overview

Using your SMART kapp iQ™ 75 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.

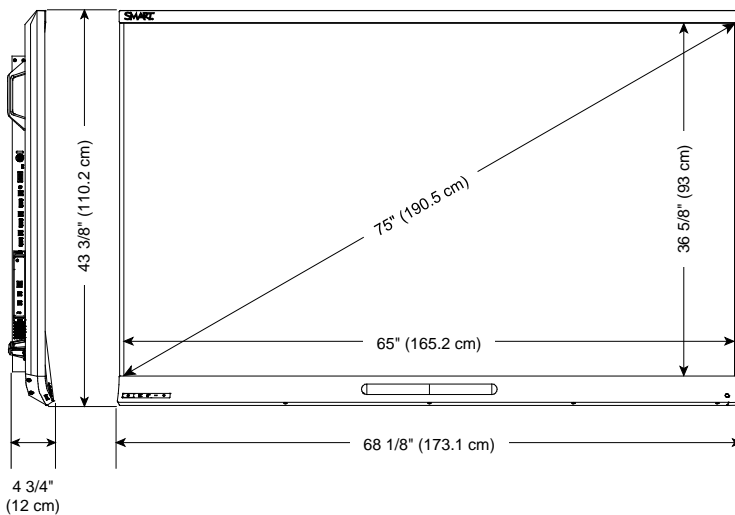
The board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

See education.smarttech.com for more information about SMART kapp iQ.



Dimensions and weights¹

Dimensions



Weight

185 lb. (84 kg)

Shipping dimensions (including pallet)

75 3/8" × 54 3/8" × 14"

(191.6 cm × 138 cm × 35.5 cm)

Shipping weight

238 lb. (108 kg)



As an ENERGY STAR® certified signage display, the SMART Board® 6075 interactive flat panel meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

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

Hardware

Interaction

Touch technology	DViT® (Digital Vision Touch) technology
Multitouch capabilities	4 touches
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®) or 60 Hz (DisplayPort)
Horizontal frequency	122–140 kHz (typically 135 kHz)
Vertical frequency	47–63 Hz (typically 60 Hz)
Contrast ratio (typical)	1200:1
Brightness (typical)	280–360 cd/m ²
Pixel pitch	0.429 mm × 0.429 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time	9 ms (typical) 12 ms (maximum)



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

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
Pen (×2)

Included hardware

AM30 appliance

Mounting holes

For a standard VESA® 600 mm × 400 mm mounting plate
13 3/4" (34.9 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	Side connector panel: USB 2.0 Type-B (×3) HDMI 1.4 in (×2) DisplayPort in Stereo 3.5 mm out RS-232 in	AM30 appliance: USB 3.0 Type-A (×2) USB 2.0 Type-B (×2) ²
Bottom	USB 2.0 Type-A	
Back	AC power inlet	

Installation requirements

Board	See the <i>SMART kapp IQ boards administrator's guide</i>	
SMART kapp app		
Apple devices	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	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)	
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	
Room computers and guest laptops		
General requirements	See smarttech.com/kb/170978	
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	

²For service use only

Mini-computers

General requirements	See smarttech.com/kb/170978
Dimensions	Smaller than 10" × 10" × 2" (25.4 cm × 25.4 cm × 5.1 cm)
Weight	Less than 10 lb. (4.5 kg)
Mounting	VESA 75 mm × 75 mm or 100 mm × 100 mm mounting pattern

Storage and operating requirements

Power requirements	100V to 240V AC, 50 Hz to 60 Hz
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Solution power consumption at 77°F (25°C)

Standby mode	19 W
Normal operating	190 W
Maximum operating	350 W

Standalone interactive flat panel power consumption at 77°F (25°C)

Standby mode	<2.3 W
Out-of-box mode	<155.1 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, EMC, LV, VCCI, PSE, 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

Kapp-iQ75	SMART kapp iQ 75 board
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Optional accessories

WM-SBID-501	Fixed wall mount for SMART interactive flat panels
Other	See smarttech.com/businessaccessories

Warranty	Two-year limited equipment warranty
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smarttech.com/support
smarttech.com/contactsupport

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