

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.

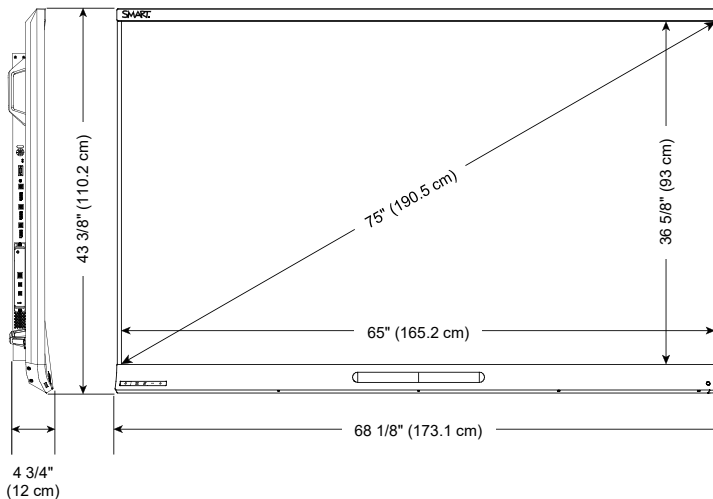
The board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

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
16' 5" (5 m) USB cable²
Pen (×2)

Included hardware

AM30 appliance

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

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) ³
Bottom	USB 2.0 Type-A	
Back	AC power inlet	

Installation requirements

Board	See the <i>SMART kapp IQ boards administrator's guide</i> (smarttech.com/kb/171038)	
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	

³For service use only

SPECIFICATIONS
SMART KAPP IQ 75

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
HDMI cable	HDMI 1.4 compliant or better Maximum recommended passive length of 25' (7.6 m)

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
---------------------------	---------------------------------

Solution power consumption at 77°F (25°C)

Standby mode	19 W
Normal operating	190 W
Maximum operating	315 W

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

Standby mode	<2 W
Normal operating (out-of-box)	<131 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, EMC, LV, VCCI, PSE, KC Mark
---------------------------------	--

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

Optional accessories

WM-SBID-501 Fixed wall mount for SMART interactive flat panels

Other See smarttech.com/businessaccessories

Warranty

Two-year limited equipment warranty

smarttech.com/support
smarttech.com/contactsupport

© 2016 SMART Technologies ULC. All rights reserved. SMART kapp, SMART kapp iQ, SMART Board, DViT, Pen ID, smarttech, the SMART logo and all SMART taglines are trademarks or registered trademarks of SMART Technologies ULC in the U.S. and/or other countries. iPhone, iPad, iPod touch and Safari are trademarks of Apple Inc., registered in the U.S. and other countries. Google Play, Android and Chrome are trademarks of Google Inc. The Bluetooth word mark is owned by the Bluetooth SIG, Inc. and any use of such marks by SMART Technologies ULC is under license. "HDMI" and all associated logos are trademarks of HDMI Licensing, LLC. All other third-party product and company names may be trademarks of their respective owners. This product and/or use thereof is covered by one or more of the following U.S. patents: www.smarttech.com/patents. Contents are subject to change without notice. 05/2016.