Specifications

⬛ SMART kapp iQ

SMART kapp iQ™ 65-V2 board

Overview

With a SMART kapp iQ™ 65-V2 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.
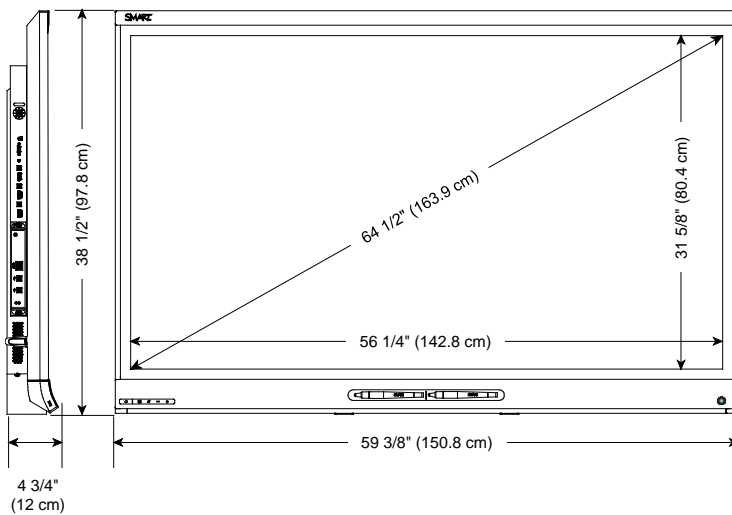
The board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

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

Dimensions and weights[1]

Dimensions

Weight

134 lb. (60.9 kg)

Shipping dimensions (including pallet)

69 1/4" × 49 5/8" × 11 7/8"
(175.8 cm × 126.1 cm × 30.3 cm)

Shipping weight

181 lb. (82.1 kg)

As an ENERGY STAR® certified signage display, the SMART Board® 6065-V2 interactive flat panel meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

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

Hardware

Interaction

Touch technology	DViT® (Digital Vision Touch) technology
Multitouch capabilities	8 touches[2]
Object awareness	Behavior adjusts automatically to whatever tool or object is 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	26.97–75.0 kHz
Vertical frequency	23.9–60.32 Hz
Contrast ratio (typical)	1200:1
Brightness (maximum)	338 cd/m^2
Pixel pitch	0.372 mm × 0.372 mm
Gamut	68% of NTSC
Viewing angle	178°
Response time (typical)	8 ms

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-ENT appliance
Mounting holes	For a standard VESA® 300 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

[2]Requires SMART Product Drivers to be installed, and some applications might not support 8 touches

Connectors

Side	Side connector panel:		AM30-EDU appliance:
	USB 2.0 Type-B (×3)		USB 3.0 Type-A (×2)
	HDMI 1.4 in (×2)		USB 2.0 Type-B[3]
	DisplayPort in		USB 2.0 Type-B
	Stereo 3.5 mm out		HDMI 1.4 in
	RS-232 in		HDCP encrypted HDMI 1.4 out
			RJ45
Back	AC power inlet		

Installation requirements

Board	See the *SMART kapp iQ boards administrator's guide* (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

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

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[3]For 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

Cable requirements

HDMI	HDMI 1.4 compliant or better
	Maximum length: 23' (7 m)
	Notes:
	   Use only certified HDMI cables that have been tested to support the performance standard you require.
	   The performance of cables longer than 23' (7 m) is highly dependent on the quality of the cable.

DisplayPort	DisplayPort 1.2 compliant or better Maximum length: 23' (7 m)
USB	Maximum length: 16' (5 m)
Important	Using cables that exceed these maximum lengths may produce unexpected results, degraded picture quality or USB connectivity. Refer to the *SMART installation standards* (smarttech.com/kb/171035) for a comprehensive guide on cables and extensions for SMART hardware products.

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	15 W
Normal operating	113 W
Maximum operating	189 W

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

Standby mode	<2.2 W
Normal operating (out-of-box)	110 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, RCM, PSE

Environmental compliance

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

Purchasing information

Order number

KAPP-IQ65-V2	SMART kapp iQ 65-V2 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