

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.

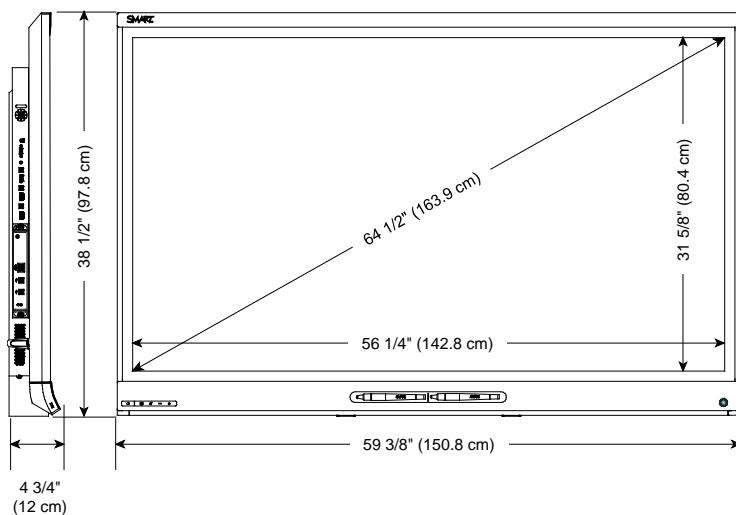
The board's 4K ultra-high-definition resolution display provides optimal image clarity and viewing from any angle.

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



Dimensions and weights¹

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.

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	8 touches ²
Object awareness	Behavior adjusts automatically to the tool or object you're using, 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 dimensions	0.372 mm × 0.372 mm
Gamut	68% of NTSC
Viewing angle	178°
Response time (typical)	8 ms

Presence detection	Presence detection sensor on the bottom frame
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Audio	10 W integrated speakers (×2)
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Noise level	<35 dBA
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Included cables and accessories	SMART kapp iQ appliance 8' (2.4 m) country-specific power cable Pen (×2)
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SMART kapp iQ appliance

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 interactive display's unique QR code

²Requires SMART Product Drivers to be installed. Some applications might not support 8 touches.

Supported languages	French German Italian Japanese Korean Norwegian Simplified Chinese Spanish Swedish Traditional Chinese
Mounting holes	For a standard VESA® 300 mm × 400 mm mounting plate Lower mounting holes 13 3/4" (35 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 display to clear the wall

Connectors

Side	Connector panel OPS slot (for the iQ appliance) HDMI1 input connectors HDMI in USB Type-B HDMI2 input connectors HDMI in USB Type-B DisplayPort input connectors DisplayPort in USB-Type-B Stereo 3.5 mm out RS-232 in	SMART kapp iQ appliance USB 3.0 Type-A (×2) USB 2.0 Type-B ³ OPS/HDMI input connectors HDMI in USB Type-B HDCP encrypted HDMI 1.4 out RJ45
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 9 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

³For service use only

SMART KAPP IQ 65-V2

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 9 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 the SMART Notebook software release notes
4K UHD	Graphics card that can support 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

Mini-computers

General requirements	See the SMART Notebook software release notes
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	Maximum length: 23' (7 m)
 NOTES <ul style="list-style-type: none"> • 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 cable's quality. 	
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 can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to <i>SMART installation standards</i> (smarttech.com/kb/171035) for comprehensive information about 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 Board interactive displays
Other	See smarttech.com/accessories
Warranty	Two-year limited equipment warranty

smarttech.com/support
smarttech.com/contactsupport

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