

# **Specifications**

# SMART Board® 7075 interactive display with iQ

Model SBID-7275

### Overview

The SMART Board® 7075 interactive display with iQ is the hub of your classroom. iQ technology connects devices, lesson content and pedagogically relevant software to create a cohesive educational experience. PC-free embedded computing provides one-touch access to a diverse suite of SMART applications—Notebook lessons, amp workspaces, lab gamification activities and whiteboard—and collaborative tools, such as wireless screen sharing and a web browser. There's no need for wires, cables or manual software and firmware updates.



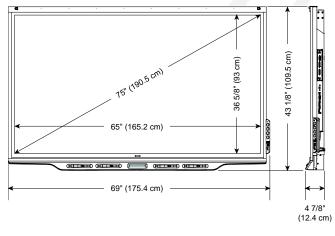
The 75" 4K ultra-high-definition LED display provides optimal image clarity and wide viewing angles. With the Pen ID™ feature, you can assign different appearances to the four pens and write or draw over any application in digital ink.

Object Awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and four users can write or draw at the same time.

See education.smarttech.com for more information.

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

### **Dimensions**



# Weight

174 lb. (79 kg)

# Shipping dimensions (including pallet)

75 3/8" × 54 1/4" × 11 3/4" (191.6 cm × 137.8 cm × 30 cm)

# Shipping weight

227 lb. (103 kg)



As an ENERGY STAR® certified signage display, the SMART Board 7075 interactive display with iQ meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

### Hardware

#### Interaction

Touch technology HyPr Touch™ (Hybrid Precision Touch) technology

Multitouch capabilities 10 simultaneous touch, writing and erase points<sup>2</sup>

Object Awareness Behavior adjusts automatically to the tool or object being used, whether it's a pen, finger, eraser

or palm.

Pen ID Four people can write independently and simultaneously, using different colored ink.

Display

Type LED

Aspect ratio 16:9

Optimal resolution 3840 × 2160 at 60 Hz

Horizontal frequency

(typical)

135 kHz

Vertical frequency

(typical)

60 Hz

Contrast ratio (typical) 5000:1

Brightness (maximum) 360 cd/m<sup>2</sup>

Pixel pitch 0.429 mm × 0.429 mm

Gamut 72% of NTSC

Viewing angle 178°

Response time (typical) 8 ms

**1000BASE-T Ethernet** Two external ports for a four-port Gigabit Ethernet switched network connecting the interactive

display and the iQ appliance to an external network and an external device such as a computer

Presence detection Dual sensors that reduce startup time and power consumption during inactivity

Audio 10 W integrated speakers (×2)

Noise level <30 dBA

Included cables and

iQ appliance

accessories Country-specific power cable

USB cable Pen (×4) Eraser

iQ appliance

Wireless technology Bluetooth® 4.0 dual mode (backwards compatible with Bluetooth 2.1 + EDR)

<sup>&</sup>lt;sup>2</sup>Requires SMART Product Drivers to be installed. Some applications might not support all touch points.

Capture options Establish a Bluetooth wireless connection with a supported mobile device (see below) by

scanning the interactive display's unique QR code

**Mounting holes** For a standard VESA® 600 mm × 400 mm mounting plate

Lower mounting holes 13 3/4" (35 cm) from the bottom of the interactive display

Mounting bracket depth Minimum depth of 2" (5.1 cm) for all components on the back of the interactive display for airflow

Connectors

Side Connector panel: iQ appliance:

OPS slot (for the iQ appliance) USB 3.0 Type-A ( $\times$ 2) Stereo 3.5 mm out USB 2.0 Type-B<sup>4</sup> S/PDIF out USB 2.0 Type-B

Stereo 3.5 mm in HDMI in

VGA in HDCP encrypted HDMI out

HDMI 2.0 in RJ45 DisplayPort in

USB Type-B (×3) USB Type-A<sup>3</sup> RJ45 (×2)

**Convenience panel** HDMI 1.4 in

USB Type-B USB Type-A (×2)

**Bottom** AC power in

AC power out RS-232 in RS-232 out

**HDCP support** Version 1.4/2.2

Installation requirements

Interactive display See the SMART Board 7000 series interactive displays with iQ installation and maintenance

quide (smarttech.com/kb/171164)

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

<sup>&</sup>lt;sup>3</sup>For service use only

<sup>&</sup>lt;sup>4</sup>For service use only

#### SMART BOARD 7075 INTERACTIVE DISPLAY WITH IQ - MODEL SBID-7275

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/SMARTNotebookReleaseNotes

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

### Mini-computers

General requirements See smarttech.com/SMARTNotebookReleaseNotes

Dimensions Smaller than 10"  $\times$  10"  $\times$  2" (25.4 cm  $\times$  25.4 cm  $\times$  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

Interactive display and iQ appliance power consumption at 77°F (25°C)

Standby mode <2 W

Normal operating 162 W

Maximum operating 260 W

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

Standby mode <2 W

Normal operating

(out-of-box)

147 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

**Environmental compliance** 

European Union REACH, RoHS, WEEE, Battery and Packaging

U.S. CONEG Packaging, California Prop 65

Purchasing information

Order number

SBID-7275 SMART Board 7075 interactive display with iQ and SMART Learning Suite

Optional accessories

WM-SBID-501 Fixed wall mount for SMART Board interactive displays

Other See smarttech.com/accessories

Warranty Three-year limited equipment warranty

**Extended warranty** 

EWY1-SBID-7275 One-year warranty extension

EWY2-SBID-7275 Two-year warranty extension



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