

## Specifications

# SMART Board® 7075 Pro interactive display with iQ

Model SBID-7275P

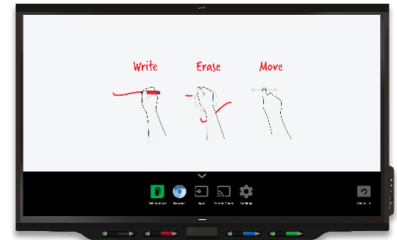
## Overview

The SMART Board® 7075 Pro interactive display with iQ is the hub of your meeting room. PC-free embedded computing provides one-touch access to collaborative tools, including a whiteboard, 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.

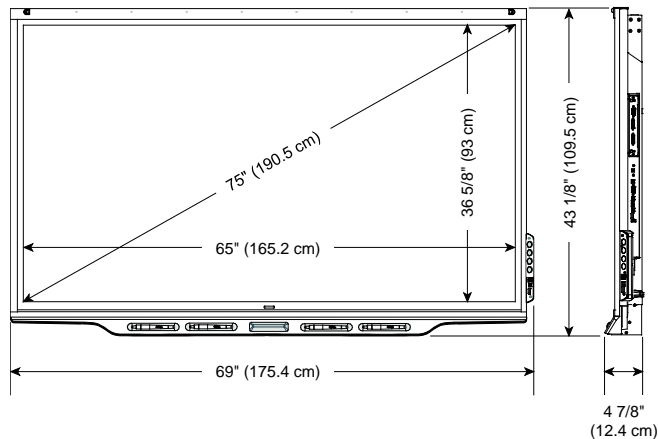
Object Awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and four users can write or draw at the same time.

See [smarttech.com](https://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 Pro interactive display with iQ meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

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

## Hardware

### Interaction

|                         |  |
|-------------------------|--|
| Touch technology        | HyPr Touch™ (Hybrid Precision Touch) proprietary hybrid system, which greatly improves upon its InGlass™ core by optimizing both touch and pen performance, resulting in virtually no lag and zero contact detect height |
| Multitouch capabilities | Up to 16 simultaneous interaction points (combination of 10 finger touch points, four pen touch points and two eraser touch points)  |
| Object Awareness        | Behavior adjusts automatically to the tool or object you're using, 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 dimensions               | 0.429 mm × 0.429 mm   |
| Gamut                          | 72% of NTSC           |
| Viewing angle                  | 178°                  |
| Response time (typical)        | 8 ms                  |

|                            |  |
|----------------------------|--|
| <b>1000BASE-T Ethernet</b> | 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 |
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| <b>Presence detection</b> | Dual sensors that reduce startup time and power consumption during inactivity |
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| <b>Audio</b> | 10 W integrated speakers (×2) |
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|                    |         |
|--------------------|---------|
| <b>Noise level</b> | <30 dBA |
|--------------------|---------|

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|--|---|
| <b>Included cables and accessories</b> | iQ appliance<br>Country-specific power cable<br>USB cable<br>Pen (×4)<br>Eraser |
|--|---|

**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 |
| Supported languages           | French<br>German<br>Italian<br>Japanese<br>Korean<br>Norwegian<br>Simplified Chinese<br>Spanish<br>Swedish<br>Traditional Chinese         |
| <b>Mounting holes</b>         | For a standard VESA® 600 mm × 400 mm mounting plate<br>Lower mounting holes 13 3/4" (35 cm) from the bottom of the interactive display    |
| <b>Mounting bracket depth</b> | Minimum depth of 2" (5.1 cm) for all components on the back of the interactive display for airflow  |

**Connectors**

|                          |   |
|--------------------------|---|
| <b>Connector panel</b>   | OPS slot (for the iQ appliance)<br>Stereo 3.5 mm out<br>S/PDIF out<br>VGA input connectors<br>VGA in<br>Stereo 3.5 mm in<br>USB Type-B<br>HDMI 1 input connectors<br>HDMI 2.0 in<br>USB Type-B<br>Display Port input connectors<br>in<br>USB Type-B<br>USB Type-A <sup>2</sup><br>RJ45 (×2) |
| <b>Convenience panel</b> | HDMI 2 input connectors<br>HDMI 1.4 in<br>USB Type-B<br>USB Type-A (×2)   |
| <b>Bottom</b>            | AC power in<br>AC power out<br>RS-232 in<br>RS-232 out  |
| <b>HDCP support</b>      | Version 1.4/2.2   |

<sup>2</sup>For service use only

## Installation requirements

|   |   |
|---|---|
| <b>Interactive display</b>              | See the <i>SMART Board 7000 and 7000 Pro series interactive displays installation and maintenance guide</i> ( <a href="http://smarttech.com/kb/171164">smarttech.com/kb/171164</a> )  |
| <hr/>                                   |   |
| <b>SMART kapp® app</b>                  |   |
| Apple devices                           | iOS 9 or later operating system software<br>50 MB of storage<br>iPhone 4S or later<br>Third-generation iPad or later<br>First-generation iPad mini or later<br>Fifth-generation iPod touch or later                               |
| Android™ devices                        | Android 4.4.4 (KitKat) or later operating system<br>50 MB of storage (internal or SD card)<br>1024 MB of RAM<br>720p or better screen resolution<br>Bluetooth 2.1 + EDR<br>3 megapixel or better rear-facing camera (recommended) |
| <hr/>                                   |   |
| <b>SMART kapp viewer</b>                |   |
| Mobile                                  | Safari for iOS 9 or later operating system software<br>Chrome™ for Android 39.0.2171.93 or later  |
| Desktop                                 | Internet Explorer® 10 or later<br>Chrome 39.0.2171.95 or later<br>Firefox® 34.0.5 or later<br>Safari 8.0 or later   |
| <hr/>                                   |   |
| <b>Room computers and guest laptops</b> |   |
| General requirements                    | See <a href="#">SMART Meeting Pro software release notes</a>  |
| 4K UHD                                  | Graphics card that can support 3840 × 2160 resolution at 60 Hz and that has 1 GB DDR 5 memory<br>See <a href="#">Minimum requirements for Ultra High Definition or 4K on your interactive flat panel</a>                          |
| <hr/>                                   |   |
| <b>Mini-computers</b>                   |   |
| General requirements                    | See <a href="#">SMART Meeting Pro software release notes</a>  |
| 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

|                    |   |
|--------------------|---|
| <b>HDMI</b>        | Maximum length: 23' (7 m)   |
|                    | <p><b>NOTES</b></p> <ul style="list-style-type: none"> <li>• Use only certified HDMI cables that have been tested to support the performance standard you require.</li> <li>• The performance of cables longer than 23' (7 m) is highly dependent on the cable's quality.</li> </ul>  |
| <b>DisplayPort</b> | DisplayPort 1.2 compliant or better<br>Maximum length: 23' (7 m)  |
| <b>USB</b>         | Maximum length: 16' (5 m)   |
| <b>Important</b>   | 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> ( <a href="http://smarttech.com/kb/171035">smarttech.com/kb/171035</a> ) for comprehensive information about cables and extensions for SMART hardware products. |

## Storage and operating requirements

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| <b>Power requirements</b>  | 100V to 240V AC, 50 Hz to 60 Hz         |
| <b>Interactive display and IQ appliance power consumption at 77°F (25°C)</b> |   |
| Standby mode   | <2 W                                    |
| Normal operating   | 162 W                                   |
| Maximum operating  | 260 W                                   |
| <b>Standalone interactive display power consumption at 77°F (25°C)</b>       |   |
| Standby mode   | <2 W                                    |
| Normal operating<br>(out-of-box)   | 147 W                                   |
| <b>Operating temperature</b>   | 41–95°F (5–35°C)                        |
| <b>Storage temperature</b>   | -4–140°F (-20–60°C)                     |
| <b>Humidity</b>  | 5–80% relative humidity, non-condensing |

## Certification and compliance

|                                 |   |
|---------------------------------|---|
| <b>Regulatory certification</b> | EU RED and LV Directives, ISED, cUL, FCC, UL, RCM, CITIC, TRA |
| <b>Environmental compliance</b> |   |
| European Union                  | REACH, RoHS, WEEE, Battery and Packaging                      |
| U.S.                            | CONEG Packaging, California Prop 65                           |
| <b>Regulatory models</b>        | SBID-7075 and ID7075-1  |

## Purchasing information

### Order number

|            |   |
|------------|---|
| SBID-7275P | SMART Board 7075 Pro interactive display with iQ, one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses |
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### Optional accessories

|             |   |
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| WM-SBID-501 | Fixed wall mount for SMART Board interactive displays |
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| Other | See <a href="http://smarttech.com/accessories">smarttech.com/accessories</a> |
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### Warranty

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|  | Three-year limited equipment warranty |
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### Extended warranty

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| EWY1-SBID-7275P | One-year warranty extension |
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| EWY2-SBID-7275P | Two-year warranty extension |
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[smarttech.com/contactsupport](http://smarttech.com/contactsupport)

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