

#### **Specifications**

# SMART Board® 6075S interactive display with iQ

Model SBID-6275S

#### Overview

The SMART Board® 6075S interactive display with iQ and SMART Learning Suite is the hub of your classroom.

The 4K Ultra HD LED interactive display provides optimal image clarity and wide viewing angles. SMART's exclusive and proprietary ToolSense™ technology allows a wide range of accessories to cater to different subject matter, learning styles, and student needs. Unique Simultaneous Tool Differentiation allows multiple users to write simultaneously with a pen, move objects with a finger, and erase digital ink with a palm—all without switching tools, providing uninterrupted collaboration. The display's advanced HyPr Touch™ with InGlass™ touch technology provides a natural, intuitive writing and touch experience with high accuracy and low latency.

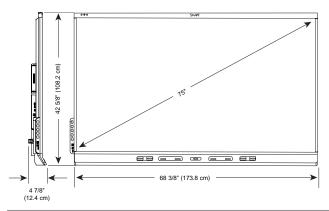


Temperature and humidity sensors help administrators provide the optimal environmental conditions for effective learning. The display's iQ embedded computing experience offers one-touch access to collaboration tools, including a digital whiteboard, a web browser, and wireless screen sharing.

See smarttech.com for more information.

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

#### **Dimensions**



#### Weight

142 lb. (64.3 kg)

## Shipping dimensions (including pallet)<sup>2</sup>

76" × 51 1/2" × 10 3/8" (193.1 cm × 130.8 cm × 26.4 cm)

### **Shipping weight**

207 lb. (94 kg)



As an ENERGY STAR® certified signage display, the SMART Board 6075S interactive display meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

 $^{1}$ All dimensions  $\pm$  1/8" (0.3 cm). All weights  $\pm$  2 lb. (0.9 kg).

2Product ships upright

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## Highlights

HyPr Touch with InGlass	HyPr Touch with InGlass advanced optical technology ensures highly accurate writing and drawing
ToolSense	ToolSense proprietary tool technology supports virtually unlimited pen and tool recognition
Environmental sensors	Integrated temperature and humidity sensors provide real-time measurement of the display's environmental conditions. Data is available via an included SMART app.
Ambient light sensor	Screen automatically dims or brightens, ensuring comfortable viewing in all lighting conditions

## Hardware

## Interaction

Touch technology	HyPr Touch with InGlass			
Multitouch capabilities	Up to 20 simultaneous interaction points <sup>3</sup>			
Object Awareness™	Behavior adjusts automatically to the tool or object you're using, whether it's a pen, finger, eraser, or palm			
Simultaneous Tool Differentiation	Multiple users can touch the display and use pens and erasers at the same time for a natural, fully collaborative experience			
Pen ID™	Multiple users can write independently and simultaneously, using different colored ink			
ToolSense	Support for virtually unlimited pen and tool recognition			
Silktouch™	Ultra-smooth finish that allows you to use the display for hours without finger burn			
Display				
Туре	LCD with LED back light			
Aspect ratio	16:9			
Optimal resolution (HDMI inputs)	4K UHD (3840 × 2160) at 60 Hz			
Brightness (maximum)	350 cd/m <sup>2</sup>			
Pixel dimensions	0.429 mm × 0.429 mm			
Viewing angle	178°			
Response time	8 ms			
Ambient light sensor	Yes			
Proximity sensor	Yes			
Infrared sensor	Yes			

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 $<sup>^3</sup>$ Chrome OS $^{\text{\tiny{W}}}$  is limited to 10 simultaneous touches, including gestures. Automatic pen recognition, plus palm, pen, and eraser differentiation are available in supported applications.

Room	temperature	and	Yes

humidity sensors

100BASE-T Ethernet

Two external ports for a 4-port Fast Ethernet switched network that connects the interactive

display to a network and an external device, such as a computer

Wi-Fi IEEE 802.11A/B/G/N/Ac with 2 × 2 MIMO (both 2.4 and 5 GHz bands)

Bluetooth® Bluetooth 4.2 dual mode (backwards compatible with Bluetooth 2.1 + EDR)

**Audio** Two 20 W integrated speakers

Noise level <32 dBA

Included cables and accessories

1 Country-specific power cable

1 USB cable

2 Pens (red and black)

2 Eraser

1 Remote control

2 AAA batteries for the remote control

1 WM-SBID-200 wall mount

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

Lower mounting holes 11" (28 cm) from the bottom of the interactive display

Mounting bracket depth Minimum depth of 11/2" (3.7 cm) for all components on the back of the interactive display for

airflow

Accessory holes M4 mounting points located at the top, bottom, left, and right for SMART approved accessories

## iQ technology

iQ experience iQ experience embedded in the display provides better performance without the need to install

a separate appliance

Included apps and features

Customizable Home screen

Whiteboard

SMART Notebook Player

Browser
Screen Share

File and app libraries

Writing and drawing over any input Freeze screen and screen shade Automatic software updates

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## Supported languages Chinese (simplified)

Chinese (traditional)

Danish
Dutch
English
Finnish
French
German
Italian
Korean
Norwegian
Portuguese
Russian
Spanish
Swedish
Ukrainian
Vietnamese

## Software

## Included software iQ Android-based embedded computing

SMART Ink® and SMART Product Drivers

SMART Notebook® basic version

Bonus one-year subscription to SMART Learning Suite (including SMART Notebook software)

Subscription to SMART Remote Management for the length of warranty

## Connectors



## Convenience panel 1 HDMI® 2.0 in with HDCP 1.4 and HDCP 2.2 support

- 2 USB 3.0 Type-A (for media)
- 1 USB 3.0 Type-B (for touch)

## Connector panel

- 1 Accessory slot (for OPS devices)
- 1 USB 3.0 Type-A (for media)
- 1 USB 2.0 Type-A (for service use only)
- 3 USB 3.0 Type-B (for touch)
- 2 HDMI 2.0 in with HDCP 1.4 and HDCP 2.2 support
- 1 HDMI 2.0 out
- 1 VGA in
- 1 Stereo 3.5 mm in
- 1 Stereo 3.5 mm out
- 1 S/PDIF out
- 2 RJ45
- 1 RS-232 in
- 1 RS-232 out

#### **Back of display**

- 1 AC power in
- AC power out

## Installation requirements

#### Interactive display

See the SMART Board 6000S and 6000S Pro series interactive displays installation and maintenance guide (smarttech.com/kb/171414)

#### IMPORTANT

The display needs an internet connection for downloading and installing important updates. Ask the network administrator to configure the network correctly for the iQ experience. For more information about network configuration, see Connecting a SMART display with the iQ experience to a network.

#### Room computers and guest laptops

General requirements See SMART Notebook software release notes

4K UHD Video card that can support 3840 × 2160 resolution at 60 Hz

See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

Mini-computers

General requirements See SMART Notebook software release notes

Dimensions Smaller than  $4 \frac{3}{4} \times 4 \frac{3}{4} \times 1 \frac{1}{4}$  (12 cm  $\times$  12 cm  $\times$  3.3 cm)

Weight Less than 10 lb. (4.5 kg)

Mounting VESA 75 mm × 75 mm or 100 mm × 100 mm mounting pattern (two mounting points: left and

right

## Cable requirements

HDMI 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 cable's quality.

USB 2.0 USB 2.0 certified

Hi-Speed (480 Mbps) support Maximum length: 16' (5 m)

USB 3.0 USB 3.0 certified

SuperSpeed (5 Gbps) support Maximum length: 9' (3 m)

#### **NOTES**

- SMART supports only installations that use directly connected video and USB cables, AC-powered extenders, or USB extenders purchased from SMART.
- You might be able to use higher-grade cables that are longer than specified. If you have
  problems with such a cable or an extender of any type, test the connection with a shorter
  cable before contacting SMART Support.

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Important Using cables that exceed these maximum lengths can produce unexpected results, such as

degraded picture quality or USB connectivity. Refer to *Installation best practices for SMART products* (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

#### Power consumption at 77°F (25°C)

Standby mode 1.9 W

Normal operating 141 W

Operating temperature 41–95°F (5–35°C)

Storage temperature -4-140°F (-20-60°C)

**Humidity** 5–80% relative humidity, non-condensing

## Regulatory Certifications (Model ID: IDS675-1)

U.S. / Canada FCC, ISED, UL, CONEG Packaging, California Prop 65, Conflict Minerals

EU / EEA / EFTA CE, RoHS Directive, Battery Directive, Packaging Directive, WEEE Directive, REACH Regulation,

POP Regulation, Radio Equipment Directive, Low Voltage Directive, CB

**EAEU** EAC

Australia / New Zealand RCM

## Purchasing information

#### Order number

SBID-6275S SMART Board 6075S interactive display with iQ and SMART Learning Suite

#### Optional accessories

TS-4PEN-MC ToolSense multicolor 4-pen bundle (orange, purple, green, blue) with magnetic penwell

Other See smarttech.com/accessories

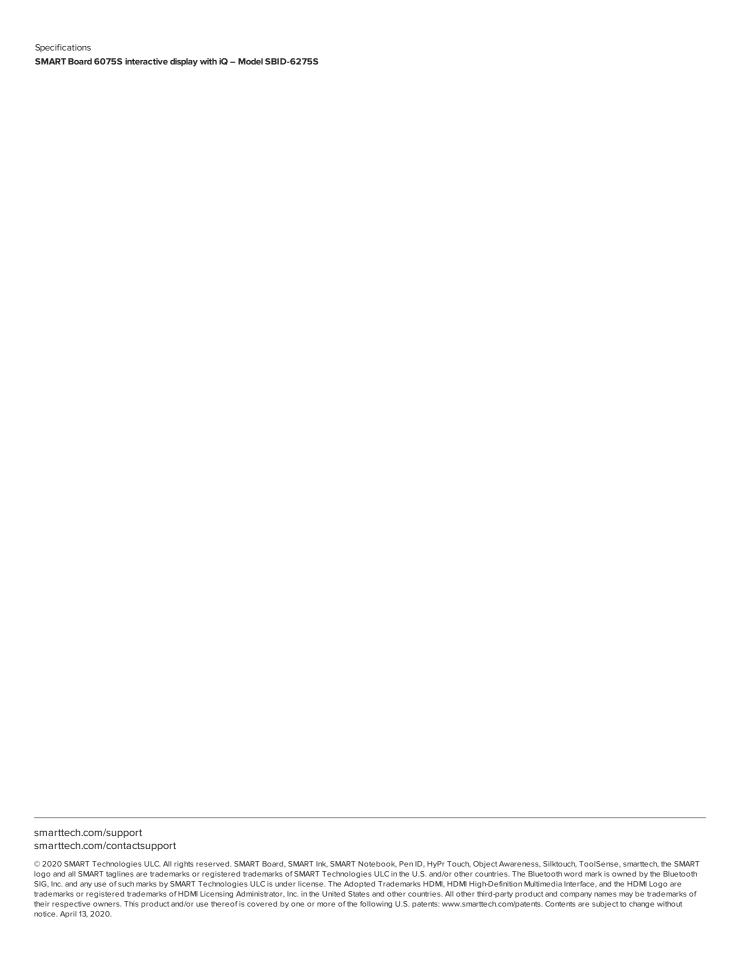
## Warranty information

SMART Assure warranty Includes advanced hardware replacement and access to onsite support. Terms and conditions

vary by region. Contact your local reseller or distributor for information and visit

smarttech.com/warranty.

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