

Specifications

SMART Board® 6075 Pro interactive display with iQ

Model SPNL-6275P

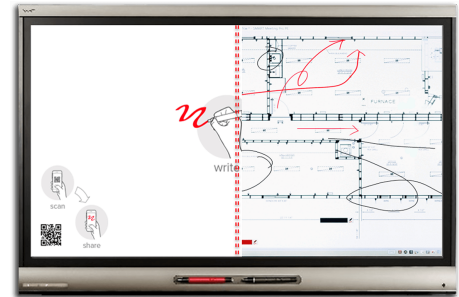
Overview

The SMART Board® 6075 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 two pens and write or draw over any application in digital ink.

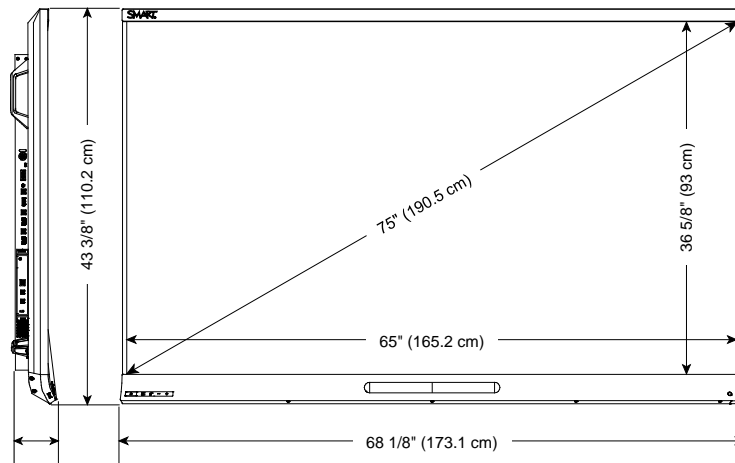
Object awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

See smarttech.com for more information about this product.



Dimensions and weights¹

Dimensions



4 3/4"
(12 cm)

Weight

185 lb. (84 kg)

Shipping dimensions (including pallet)

75 3/8" × 54 3/8" × 14"
(191.6 cm × 138 cm × 35.5 cm)

Shipping weight

238 lb. (108 kg)



As an ENERGY STAR® certified signage display, the SMART Board 6075 Pro interactive display with iQ 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 (typical) | 135 kHz |
| Vertical frequency (typical) | 60 Hz |
| Contrast ratio (typical) | 5000:1 |
| Brightness (maximum) | 360 cd/m ² |
| Pixel dimensions | 0.429 mm × 0.429 mm |
| Gamut | 72% of NTSC |
| Viewing angle | 178° |
| Response time (typical) | 8 ms |

Presence detection Presence detection sensor on the bottom frame

Audio 10 W integrated speakers (×2)

Noise level <35 dBA

Included cables and accessories
 iQ appliance
 8' (2.4 m) country-specific power cable
 16' 5" (5 m) USB cable
 Pen (×2)

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® 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 1 5/8" (4.2 cm) for all components on the back of the interactive display to clear the wall |

Connectors

| | | |
|---------------|---|--|
| Side | <p>Connector panel</p> <p>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</p> | <p>iQ appliance</p> <p>USB 3.0 Type-A (×2) HDCP encrypted HDMI out RJ45</p> |
| Bottom | USB 2.0 Type-A | |
| Back | AC power inlet | |

Installation requirements

| | |
|----------------------------|---|
| Interactive display | See the <i>SMART Board 6000 and 6000 Pro series interactive displays installation and maintenance guide</i> (smarttech.com/kb/171167) |
| 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 |

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|------------------|---|
| 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 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 Meeting Pro 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 Meeting Pro 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**

- 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 *SMART installation standards* (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 |
| Interactive display and iQ appliance power consumption at 77°F (25°C) | |
| Standby mode | 19 W |
| Normal operating | 190 W |
| Maximum operating | 315 W |
| Standalone interactive display power consumption at 77°F (25°C) | |
| Standby mode | <2 W |
| Normal operating (out-of-box) | <131 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, EMC, LV, VCCI, PSE |
| Environmental compliance | |
| European Union | REACH, RoHS, WEEE and Packaging |
| U.S. | Packaging and Conflict Minerals |

Purchasing information

| | |
|---------------------------------------|---|
| Order number | |
| SPNL-6275P | SMART Board 6075 interactive display with iQ, one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses |
| 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-SPNL-6275 | One-year warranty extension |
| EWY2-SPNL-6275 | Two-year warranty extension |

SPECIFICATIONS

SMART BOARD 6075 PRO INTERACTIVE DISPLAY WITH IQ – MODEL SPNL-6275P

smarttech.com/support
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