SMART®

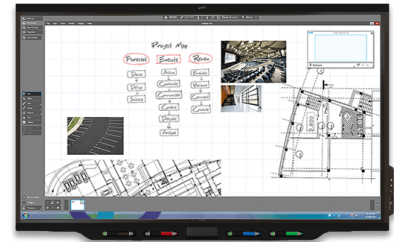# SMART Board® 7075 Pro interactive display

Model SBID-7075P

Overview

The SMART Board® 7075 Pro interactive display combines a premium touch experience with the power of SMART Meeting Pro® software.

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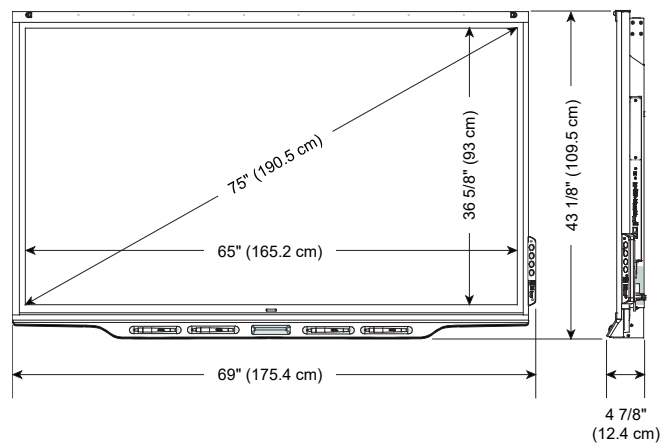
Object Awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and four users can write or draw at the same time.

See smarttech.com for more information.

Dimensions and weights[1]

Dimensions

75" (190.5 cm)

36 5/8" (93 cm)

43 1/8" (109.5 cm)

65" (165.2 cm)

69" (175.4 cm)

4 7/8" (12.4 cm)

Weight

172 lb. (78 kg)

Shipping dimensions (including pallet)

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

Shipping weight

225 lb. (102 kg)

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

[1]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)[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	Four people can write independently and simultaneously, using different colored ink.

Display

Type	LED
Aspect ratio	16:9
Optimal resolution ("HDMI 1" input)	4K UHD (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^2
Pixel dimensions	0.429 mm × 0.429 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time (typical)	8 ms
100BASE-T Ethernet	Two external ports for a four-port Fast Ethernet switched network connecting the interactive display and the OPS module 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 accessories	Country-specific power cable USB cable Pen (×4) Eraser

[2]Only up to 10 touch points and no pen or eraser support on Chrome OS™ operating system

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

Connector panel	OPS slot
	Stereo 3.5 mm out
	S/PDIF out
	"VGA" input connectors
	  Video: VGA in (1080p)
	  Audio: Stereo 3.5 mm in
	  Touch: USB Type-B
	"HDMI 1" input connectors
	  Video/audio: HDMI 2.0 in (4K UHD at 60 Hz)
	  Touch: USB Type-B
	"Display Port" input connectors
	  Video/audio: in (4K UHD at 30 Hz)
	  Touch: USB Type-B
	USB Type-A[3]
	RJ45 (×2)

Convenience panel	"HDMI 2" input connectors
	  Video/audio: HDMI 1.4 in (4K UHD at 30 Hz)
	  Touch: 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 and 7000 Pro series interactive displays installation and maintenance guide* (smarttech.com/kb/171164)

Room computers and guest laptops

General requirements	See SMART Meeting Pro software release notes
4K UHD	Video card that can support 3840 × 2160 resolution at 60 Hz and that has 1 GB DDR 5 memory See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

[3]For service use only

Mini-computers

General requirements	See 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.

Display Port	Display Port 1.2 compliant or better Maximum length: 23' (7 m)
USB 2.0	USB 2.0 certified Hi-Speed (480 Mbps) support 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 *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	<2 W
Normal operating	135 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	EU RED and LV Directives, ISED, cUL, FCC, UL, RCM, CITIC, TRA
Environmental compliance	
European Union	REACH, RoHS, WEEE, Battery and Packaging
U.S.	CONEG Packaging, California Prop 65
Regulatory models	SBID-7075 and ID7075-1

Purchasing information

Order number

SBID-7075P	Black-framed SMART Board 7075 Pro interactive display with one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses
SBID-7075P-W	White-framed SMART Board 7075 Pro interactive display with one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses

Optional accessories

UGK-AM40-ENT	AM40 appliance for SMART Board Pro interactive displays
UGK-AM50-PRO	AM50 appliance with Intel® Compute Card for SMART Board Pro interactive displays
Other	See smarttech.com/accessories
Warranty	Three-year limited equipment warranty

Extended warranty

EWY1-SBID-7075P	One-year warranty extension
EWY2-SBID-7075P	Two-year warranty extension