SMART

SMART Board® 8084i-G4 interactive flat panel
Model 8084i-G4-SMP

Overview

The SMART Board® 8084i-G4 interactive flat panel features SMART's proprietary DViT® (Digital Vision Touch) technology on an LCD screen with e-LED backlight which enables you to select, write and erase on the interactive surface. By touching the surface, you can do everything on the interactive flat panel that you can do at your computer, and you can use an array of gestures within applications.

You can also write or draw over any application in digital ink using one of the supplied pens or your finger, and then erase the digital ink using the supplied eraser or your palm. Two users can write or draw at the same time.
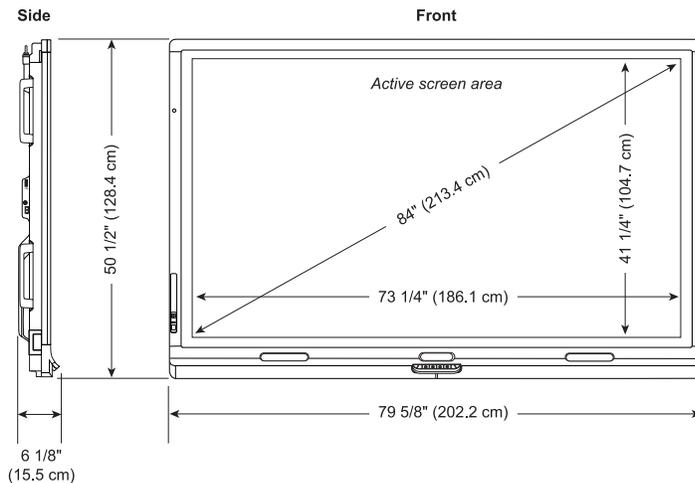
The interactive flat panel has two presence detection sensors on its frame that can detect people up to 16' (5 m) away. When the sensors detect people in the room, the interactive flat panel turns on. When the sensors no longer detect people in the room, the interactive flat panel turns off.

See smarttech.com for more information on this product.

Dimensions and weights*

Dimensions

Side

Front

Active screen area

84" (213.4 cm)

73 1/4" (186.1 cm)

41 1/4" (104.7 cm)

50 1/2" (128.4 cm)

79 5/8" (202.2 cm)

6 1/8"
(15.5 cm)

Weight
260 lb. (118.3 kg)

Shipping dimensions (including pallet)
86 1/4" W × 62 5/8" H × 15 1/8" D
(219 cm × 159 cm × 38.5 cm)

Shipping weight
335 lb. (152.3 kg)

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

Hardware

Display

Aspect ratio	16 × 9
Optimal resolution	3840 × 2160 at 30 Hz
Horizontal frequency	244–280 kHz (analog and digital)
Vertical frequency	24–120 Hz
Contrast ratio (typical)	1600:1
Brightness (typical)	250–300 cd/m^2
Pixel pitch	0.48 mm

Audio	Two 10 W integrated front firing speakers

Noise level	35 dBA

Included cables and hardware	8' (2.4 m) country-specific power cable 4' 3" (1.3 m) USB cable 16' 5" (5 m) USB extender 20' 8" (6.3 m) HDMI cable Infrared remote control (batteries included) Pens and eraser Spare nibs for pens	I/O extension module for external PCs (SBID-G4-XTM) CAT 5 USB extender M10 eye bolts

Mounting holes	For a standard VESA® 600 mm × 400 mm mounting plate 18 7/8" (47.9 cm) from the bottom of the interactive flat panel

Mounting bracket depth	Minimum depth of 1 5/8" (4.2 cm) for all components on the back of the interactive flat panel to clear the wall

Connectors

Top panel	19V DC Molex® Micro-Fit 2-pin connector Stereo 3.5 mm out USB 3.0 Type-A

Left panel	19V DC Molex Micro-Fit 2-pin connector Stereo 3.5 mm out USB 2.0 Type-A

Right panel	19V DC Molex Micro-Fit 2-pin connector Stereo 3.5 mm out

Back	AC power inlet	VGA in
	USB 2.0 Type-A	Component video in (Y, Pb, Pr)
	USB 2.0 Type-B (×2)	Composite video in
	RS-232 in	Stereo 3.5 mm in
	RS-232 out/pass-through	Stereo 3.5 mm out
	DisplayPort in	Dual RCA audio in (×2)
	HDMI in (×2)	Speaker wire connector, 8 Ω of resistance
	DVI-D in	
	DVI-D out	
I/O extension module	HDMI in	
	USB 2.0 Type-B	

Installation requirements

Installation	See the *SMART Board 8000i-G4 interactive flat panel setup and maintenance guide* (smarttech.com/kb/170446)
Computer	See smarttech.com/SMARTMeetingProReleaseNotes

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	Maximum length: 23' (7 m)
USB	Maximum length: 16' (5 m)
VGA	Maximum length: 23' (7 m)
All other analog video	Maximum length: 13' (4 m)
Important	Using cables that exceed these maximum lengths may produce unexpected results or 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

Power consumption at 77°F (25°C)

Normal Standby mode	120 W

Normal operating (standard video mode)	370 W
Factory default	480 W
Maximum operating (Vivid mode)	520 W
Operating temperature	41℉ to 95℉ (5℃ to 35℃)
Storage temperature	-4℉ to 140℉ (-20℃ to 60℃)
Humidity	5% to 80% relative humidity, non-condensing

Certification and compliance

Regulatory certification	UL (U.S. and Canada), FCC, IC, C-Tick, NOM, CU, CB, PSE, VCCI, KC, CCC, PSB and BIS

Environmental compliance

China	EIP
European Union	REACH, RoHS, WEEE, Battery, Packaging and ErP Standby
U.S.	Packaging and Conflict Minerals

Purchasing information

Order number

SBID 8084i-G4-SMP	SMART Board 8084i-G4 interactive flat panel, including a SMART Meeting Pro software room license key and 25 SMART Meeting Pro software personal license keys.
Optional accessories	See smarttech.com/businessaccessories
Hardware warranty	Three-year limited equipment warranty
LCD pixel policy	See knowledgebase.force.com/articles/TROUBLESHOOTING/Limited-pixel-warranty-for-SMART-Board-8000i-series-interactive-flat-panels

smarttech.com/support
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