Specifications

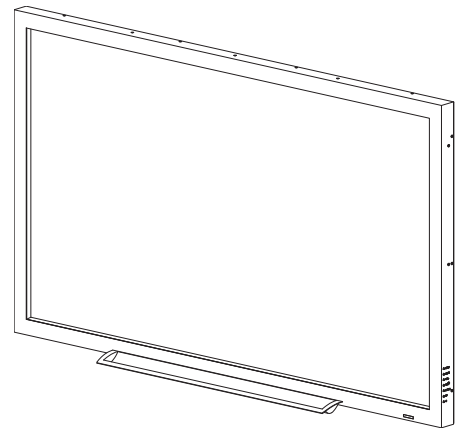# SMART Board® 4055 interactive flat panel
Model SPNL-4055

Overview

Designed specifically for classrooms, the SMART Board® 4055 interactive flat panel combines a premium touch experience with the power of SMART Notebook® collaborative learning software on a 55" display.
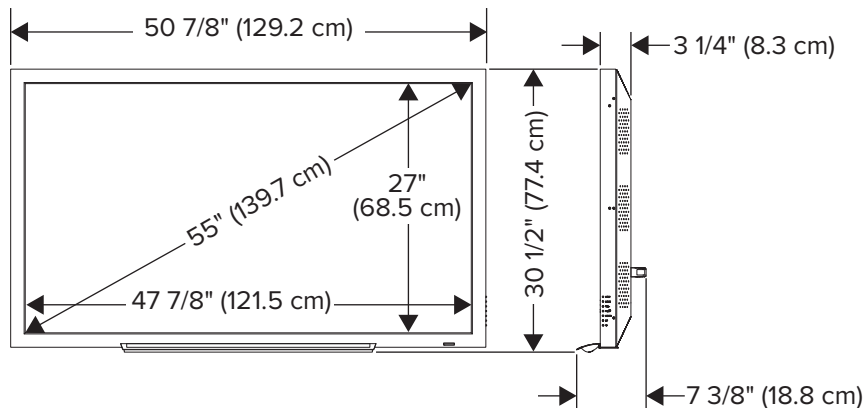
The high-definition, shadow-free 55" (139.7 cm) LED display features low-friction coated glass that lets fingers glide smoothly over the surface, creating a natural touch experience. The SMART Board 4055 interactive flat panel also virtually eliminates glare and provides an optimal view from any angle in the classroom. It delivers an unparalleled viewing and writing experience, and offers the best value for classrooms. With eight simultaneous touch points for Windows, multiple students can use gestures, like zoom, rotate and flip, at the same time.

See smarttech.com for more information on this product.

Dimensions and weights[1]

Dimensions

50 7/8" (129.2 cm)

3 1/4" (8.3 cm)

55" (139.7 cm)

27" (68.5 cm)

47 7/8" (121.5 cm)

30 1/2" (77.4 cm)

7 3/8" (18.8 cm)

Weight
116 lb. 13 oz. (53 kg)

One interactive flat panel
54 1/2" W × 40 3/8" H × 11" D
(138.5 cm × 102.5 cm × 28 cm)

Three interactive flat panels
54 1/2" W × 40 3/8" H × 33 1/8" D
(138.5 cm × 102.5 cm × 84 cm)

Shipping weight

One interactive flat panel
132 lb. 4 oz. (60 kg)

Three interactive flat panels
401 lb. 4 oz. (182 kg)

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

Hardware

Touch technology	Infrared
Multi touch capabilities	Eight touch on computers with Windows® 7 or Windows 8 operating systems
Gestures	Supports gestures on Windows 7 or Windows 8 operating system, and OS X 10.7 or 10.8 operating systems software
Pixel pitch	0.630 mm
Horizontal frequency	57 kHz–70 kHz
Vertical frequency	57 Hz–63 Hz
Contrast ratio (typical)	1400:1
Brightness	300 cd/m^2
Gamut	68% of NTSC
Viewing angle	178 degrees
Response time	8 ms
Optimum resolution	1920 × 1080p at 60 Hz (16:9)
Audio	Two 10 W speakers
Mounting holes	For a VESA® 600 mm x 400 mm mounting plate

Accessories

Pens and pen tray	One pen tray and two ergonomic pens with comfort grip
Power cord	North America, Europe and UK
Remote control	Infrared remote control
VGA cable	6' (1.8 m) D-sub 15-pin connector
USB cable (touch)	16' (5 m) USB A/B Type

Connectors

HDMI	Three HDMI® 1.4 connections input
RGB D Sub (VGA)	D-sub 15-pin connections input
Component	Five RCA inputs (Y. Pb, Pr, L, R)
Composite	RCA analog audio and composite video inputs (red, white and yellow)
SPDIF	SPDIF optical output
USB A	USB A (media access)
USB B	USB B (touch)
PC audio	3.5 mm stereo input
AC power	IEC 60320-C14 Socket

Installation requirements

Installation	See the *SMART Board E70, 4065 and 4055 interactive flat panel setup and maintenance guide* (smarttech.com/kb/170799).
Computer	See the latest SMART Notebook software release notes at smarttech.com/support.

Operating and storage requirements

Power supply	100V AC to 240V AC, 50 Hz to 60 Hz
Power consumption	125 W maximum
Standby power	<0.5 W
Operating temperature	41˚F to 95˚F (5˚C to 35˚C)
Operating humidity	10% to 80%, non-condensing
Storage temperature	-4˚F to 140˚F (-20˚C to 60˚C)
Storage humidity	5% to 95%, non-condensing

Certification and compliance

Regulatory certification	UL/c-UL (U.S. and Canada), FCC, IC and CE		
Environmental compliance			
	European Union	REACH, RoHS, WEEE, Battery, Packaging and ErP Standby
	U.S.	Packaging and Conflict Minerals

Warranty

Warranty   Two-year limited equipment warranty. One or three-year extensions available.

Purchasing information

Order numbers

SPNL-4055   SMART Board 4055 interactive flat panel. Includes a SMART Notebook software installation DVD.

Optional accessories   See smarttech.com/accessories

smarttech.com/support

smarttech.com/contactsupport