

Specifications

# SMART Board® MX055-V2 Pro interactive display

Model SBID-MX055-V2-PW

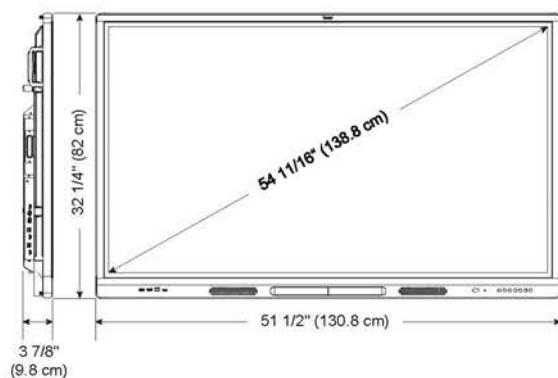
## Overview

Our newest SMART Board® MX (V2) is great value for businesses that need an interactive display on a budget. Available in 55", 65", 75", and 86" sizes—all in 4K Ultra HD resolution—and with a standard three-year warranty.



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

### Dimensions



### Weight

75 lb. 12 oz. (34.4 kg)

#### Active touch area

49 3/16" × 28 3/8" (125 cm × 72 cm)

#### Active image area

47 5/8" × 26 3/4" (121 cm × 68 cm)

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

56" W × 35 5/8" H × 9 3/8" D  
(142.3 cm × 90.4 cm × 23.5 cm)

#### Shipping weight (including pallet)

113 lb. (51.1 kg)



As an ENERGY STAR® certified signage display, the SMART Board MX055-V2 interactive display meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

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

<sup>2</sup>Product ships upright.

## Hardware

### Interaction

Touch technology	HyPr Touch™ with Advanced IR
Multitouch capabilities	Up to 20 simultaneous touch, writing, or erase points <sup>3 4</sup>
Object Awareness™	Behavior adjusts automatically to the tool or object you're using, whether it's a pen, finger or palm.
Positioning accuracy	<2 mm

### Display

Type	LED backlit LCD (A grade)
Aspect ratio	16:9
Resolution	4K UHD (3840 × 2160)
Horizontal frequency	31 Hz–140 kHz
Vertical frequency	59 Hz–70 Hz
Brightness (maximum)	350 cd/m <sup>2</sup>
Refresh frequency	60 Hz
Pixel clock (maximum)	590 MHz
Pixel dimensions	0.37 mm
Viewing angle	178°
Response time (typical)	≤8 ms

### Ambient light sensor

Yes

### Bluetooth®

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

### Audio

15 W integrated speakers (×2)

### Wireless

IEEE 802.11a/b/g/n/ac with 2 × 2 MIMO (both 2.4 and 5 GHz bands) supporting WEP, WPA, WPA2 PSK, and 802.1X EAP authentication protocols

### Included cables and accessories

Country-specific power cable  
 16' 5" (5 m) USB cable  
 Wall mount bracket kit  
 Pen (×2)  
 Antenna (×2)  
 IR remote control (with two AAA batteries)

### Mounting holes

For a standard VESA® 400 mm × 400 mm mounting plate with M8 screws

### Mounting bracket depth

Minimum clearance depth of 1 1/4" (3 cm) for all components on the back of the interactive display for airflow

<sup>3</sup>Requires the latest version of SMART Product Drivers. Some applications might not support all touch points.

<sup>4</sup>Chrome OS is limited to 10 simultaneous touches. Pens and eraser are not supported.

## Software

<b>Included software</b>	<p>iQ Android-based embedded computing</p> <p>SMART Ink® and SMART Product Drivers</p> <p>Subscription to SMART TeamWorks™ Room edition (included with the SMART Pro service plan for the service plan's term)</p> <p>One SMART Meeting Pro® software room license (included with SMART Pro service plan)</p> <p>Subscription to SMART Remote Management for the length of warranty</p>
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## Connectors

<b>Side connector panel</b>	1	Accessory slot (for 60W OPS devices)
	1	HDMI® 2.0 out with HDCP 2.2 support <sup>5</sup>
	1	USB 2.0 Type-A (for service use only)
	1	USB 3.0 Type-A (for currently selected input source)
	<b>HDMI 1</b>	
	1	HDMI 2.0 in with HDCP 1.4 and HDCP 2.2 support
	1	USB 3.0 Type-B (for touch)
	<b>HDMI 2</b>	
	1	HDMI 2.0 with HDCP 1.4 and HDCP 2.2 support
	1	USB 3.0 Type-B (for touch)
<b>Front connector panel</b>	1	USB 2.0 Type-A (for the display)
	1	USB 2.0 Type-A (for currently selected input source)
	<b>HDMI 3</b>	
	1	HDMI 2.0 in with HDCP 1.4 and HDCP 2.2 support
	1	USB 2.0 Type-B (for touch)
<b>Bottom connector panel</b>	1	RS-232
	2	RJ45
	1	S/PDIF out (fixed)
	1	Stereo 3.5 mm out (variable)
	<b>VGA 1</b>	
	1	Stereo 3.5 mm in (for VGA in)
	1	VGA in
	1	USB 3.0 Type-B (for touch)

<sup>5</sup>HDCP is always enabled. Content is shown in 480p resolution if the external display doesn't support HDCP.



## Installation requirements

**Interactive display** See the *SMART Board MX (V2) and MX (V2) Pro series interactive displays installation and maintenance guide* ([smarttech.com/kb/171555](https://smarttech.com/kb/171555))

### **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 Meeting Pro 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](#)

## Cable requirements

**HDMI** Maximum length: 23' (7 m)

### **NOTES**

- A certified Premium High Speed HDMI Cable is required for a display resolution of 3840 × 2160 at more than 30 Hz (such as 50 or 60 Hz).
- 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.

**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](https://smarttech.com/kb/171035)) for comprehensive information about cables and extensions for SMART hardware products.





## Storage and operating requirements

<b>Power requirements</b>	100V to 240V AC, 50 Hz to 60 Hz
<b>Standalone interactive display power consumption at 77°F (25°C)</b>	
Standby mode	<0.5 W
Normal operating (out-of-box)	98 W
<b>Operating temperature</b>	41–95°F (5–35°C)
<b>Storage temperature</b>	-4–140°F (-20–60°C)
<b>Humidity</b>	5–80% relative humidity, non-condensing

## Certification and compliance

<b>U.S. / Canada</b>	FCC, ISED, UL, CONEG Packaging, Cal Prop 65, Conflict Minerals, ENERGY STAR
<b>EU / EEA / EFTA</b>	CE - LVD, RED, REACH, POP, RoHS, Battery, WEEE, Packaging
<b>EAEU</b>	EAC
<b>Australia / New Zealand</b>	RCM

## Purchasing information

<b>Order number</b>	
SBID-MX055-V2-PW	SMART Board MX055-V2 Pro interactive display – White
<b>Optional accessories</b>	
Other	See <a href="https://www.smarttech.com/accessories">smarttech.com/accessories</a>

## Warranty information

<b>SMART Assure warranty</b>	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 <a href="https://www.smarttech.com/warranty">smarttech.com/warranty</a> .
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