ProColor 652

Touch technology and collaboration are brought to life with the brilliance of our 4K ultra high-definition LCD flat panel Android display.

Features

- Up to 20 single-point users or 10 dual-touch and gestures users with Touch 360° interactivity, driving collaborative learning to a new level.*
- Built-in Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

* Multi-touch available on Windows systems. Mac and Linux are single touch.

To learn more, visit boxlight.com/procolor or call 866.972.1549.

BOXLIGHT

Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Wi-Fi module

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,522 mm x 944 mm x 98 mm (61.1 in. x 37.2 in. x 3.9 in.)
Net Weight	46kg (101.4 lb.)
Packaged Dimensions (W x H x D)	1,697 mm x 1,071 mm x 220 mm (66.8 in. x 42.2 in. x 8.7 in.)
Gross Weight	57 kg (126 lb.)
Effective Screen Size (W x H)	1,428 mm x 803 mm (56.24 in. x 31.63 in.)
Active Screen Size (Diagonal)	65 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	8 ms
Refresh Frequency	60 Hz
Pixel Pitch	0.496 mm x 0.372 mm
Pixel Density	68.3 DPI (dots per inch)
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	350 nits
Contrast Ratio	1,200:1

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Viewing Angle	Hor. 178°, Ver. 178°
Backlight Life (estimated)	50,000 hours

Touch Tracking	
Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	20-touch: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Accuracy	+/-2mm (0 in.)
Tracking Read Speed	>125 frames/s
Tracking Response Time	12 ms
Tracking Points	32,767 x 32,767

Safety	
Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs

Connections	
Input/Output	Input: - VGA x 1 - HDMI-4K V1.4 x 2 - HDMI-4K V2.0 x 1 - PC audio x 1 - DisplayPort x 1 Output: - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 4 (2 in front, 1 on side, 1 on the bottom) - USB 3.0 x 2 (1 in front, 1 on side) - USB 2.0 Type-B for touch control (on side) - RS-232 x 1 - LAN RJ-45 x 1

Audio	
Output	12 W x 2
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes

Environmental	
Storage Temperature	-20° to 60° C (-4° to 140° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption (Operating)	265 W
Power Consumption (Sleep Mode)	<0.5 W

Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	600 x 400 mm

Accessories	
HDMI Cable	1 x 3 m
AC Power Cable	1 x 3 m
USB Cable	1 x 5 m

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4

Passive Stylus	3 x magnetic
Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

What's in the box:

Hardware

- Magnetic stylus x 3
- Remote control with batteries

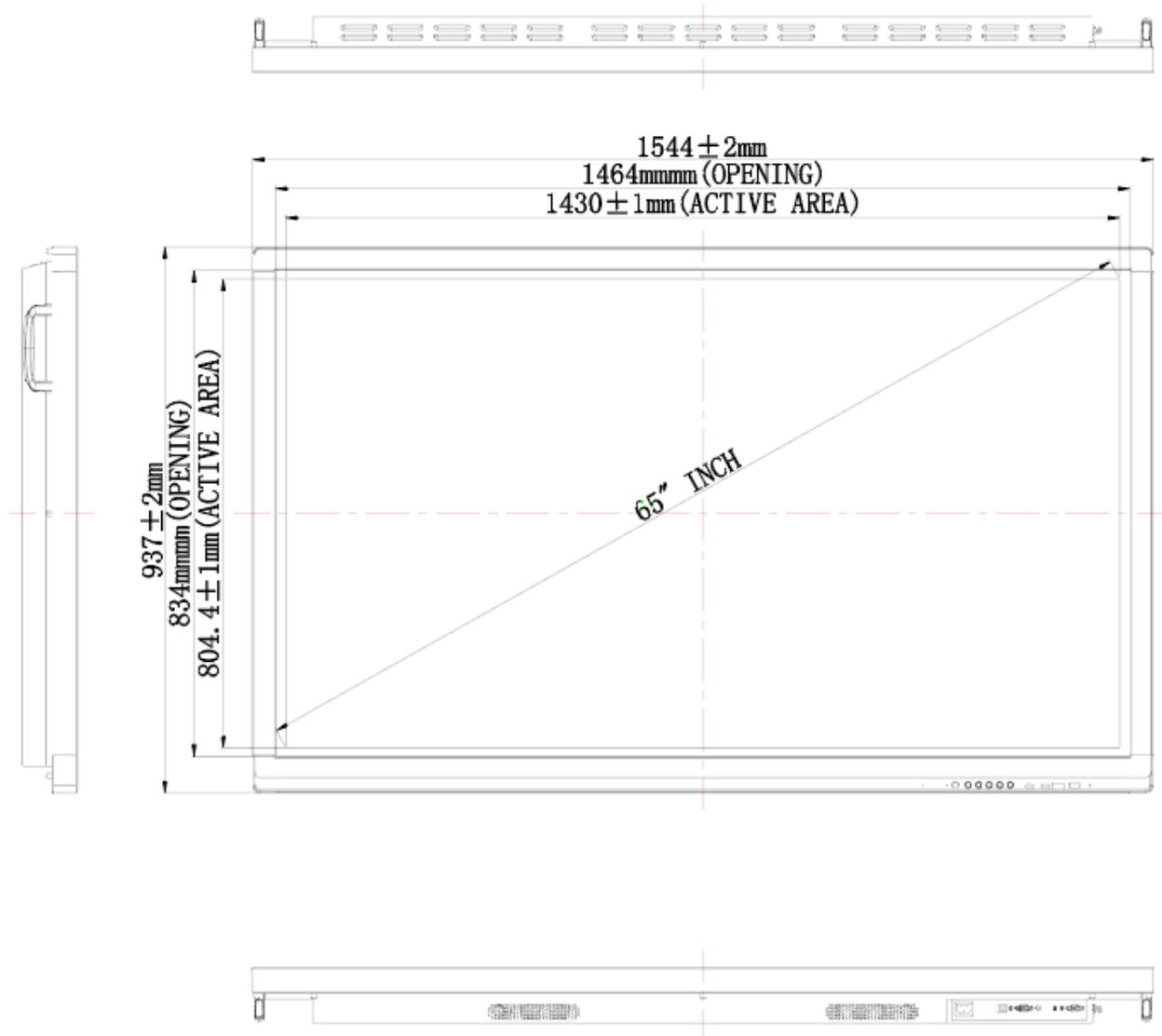Documentation

- MimioStudio license
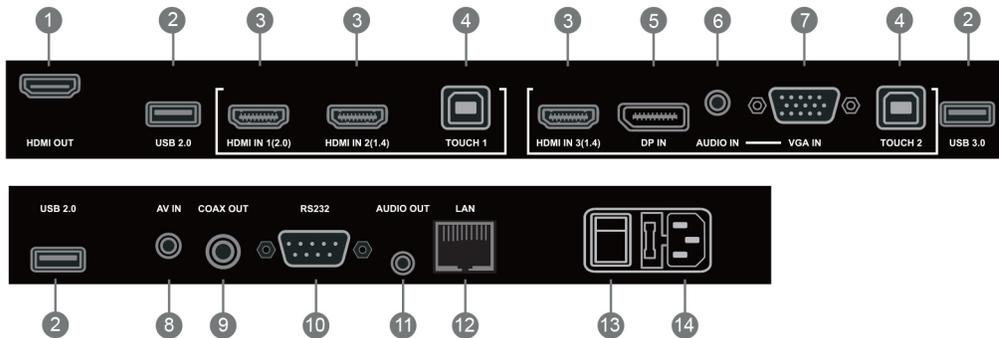- Warranty card
- QuickStart Guide

Cables

- HDMI cable (3 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)

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Drawings

1544±2mm
1464mmmm (OPENING)
1430±1mm (ACTIVE AREA)

937±2mm
834mmmm (OPENING)
804.4±1mm (ACTIVE AREA)

65" INCH

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6

Connections

Items		Function description
1	HDMI OUT	Displays whatever is on the screen, including Android annotation.
2	USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
3	HDMI IN	HDMI input
4	TOUCH	Touch signal output for connection to external computer
5	DP	DisplayPort input
6	AUDIO IN	Line level audio input
7	VGA IN	VGA input
8	AV IN	Composite video + audio input - 3.5mm 4-conductor
9	COAX OUT	Digital audio output - "RCA" connector
10	RS-232	Control interface
11	AUDIO OUT	Output to an external amplifier and speaker
12	LAN	RJ-45 connector
13	AC SWITCH	Master power switch
14	AC IN	AC power input

HDMI = High-definition multimedia interface

Specifications are subject to change without notice.

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7