BOXLIGHT®

ProColor 702U

Students will see everything with Boxlight's vibrant 70" ProColor interactive LCD flat panel Android display. Touch technology and collaboration are brought to life with the brilliance of 4K ultra high-definition.

Features

- 70" interactive flat panel display.
- Up to twenty single-point touch users or ten dual-touch and gestures users can work simultaneously with Touch 360° interactivity, driving collaborative learning. *
- 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.

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)	1,664 mm x 1,035 mm x 97 mm (65.5 in. x 40.7 in. x 3.82 in.)
Net Weight	54 kg (119.0 lb.)
Packaged Dimensions (W x H x D)	1,803 mm x 1,160 mm x 243 mm (71.0 x 45.67 in. x 9.6 in.)
Gross Weight	66 kg (145.6 lb.)
Effective Screen Size (W x H)	1,549 mm x 871 mm (61.0 in. x 34.3 in.)
Active Screen Size (Diagonal)	70 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	0.807 mm x 0.807 mm
Pixel Density	62.9 DPI (dots per inch)
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	350 nits

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Contrast Ratio	4,000:1
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

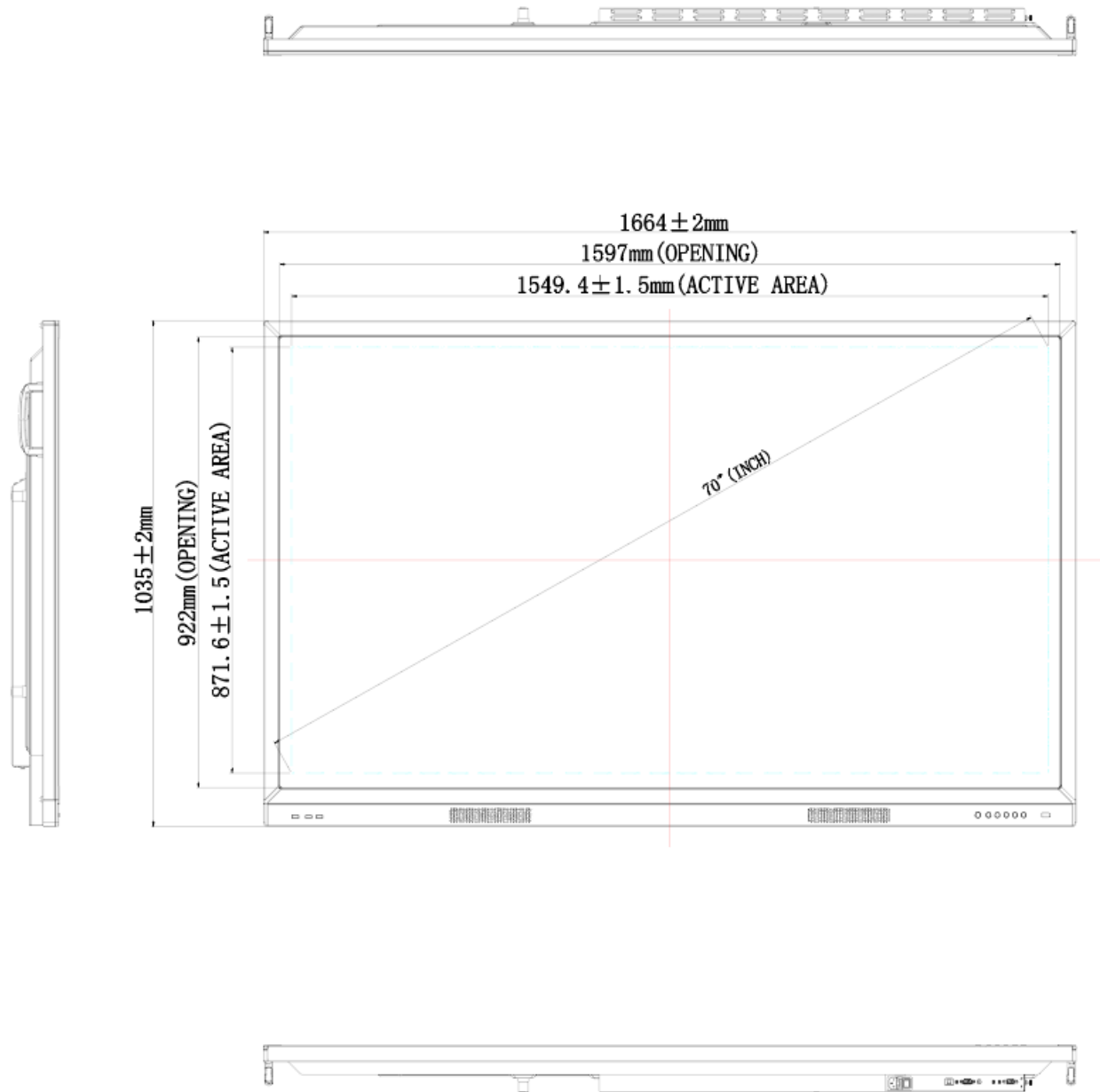|	
Input/Output	Input: - VGA x 1 - HDMI-4K V1.4 x 2 - HDMI-4K V2.0 x 1 - PC audio x 1 - DisplayPort x 1 Output: - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 4 (2 in front, 1 on side, 1 on the bottom) - USB 3.0 x 2 (1 in front, 1 on side) - USB 2.0 Type-B for touch control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

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	- RS-232 x 1 - LAN RJ-45 x 1

Audio

Output	12W 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)	350 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

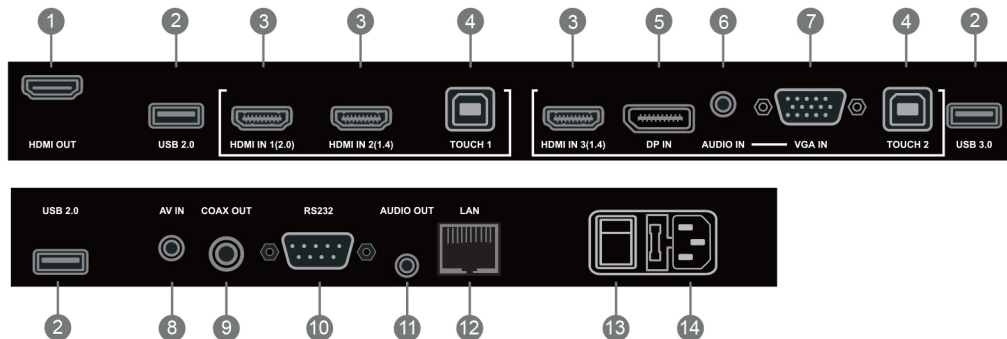| USB Cable	1 x 5 m
Passive Stylus	3 x magnetic
Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

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)

Drawings

1664±2mm
1597mm(OPENING)
1549.4±1.5mm(ACTIVE AREA)

1035±2mm
922mm(OPENING)
871.6±1.5(ACTIVE AREA)

70" (INCH)

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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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