



\* All images in this datasheet are for illustrative purposes only.

## TR3DK Series

# A New Level of Classroom: LG CreateBoard® Gen 2 with Google Play



Google Mobile  
Services Authorized



Built-In Collaboration  
Software



Easy Connection  
& Sharing



Genuine Touch &  
Writing Experience



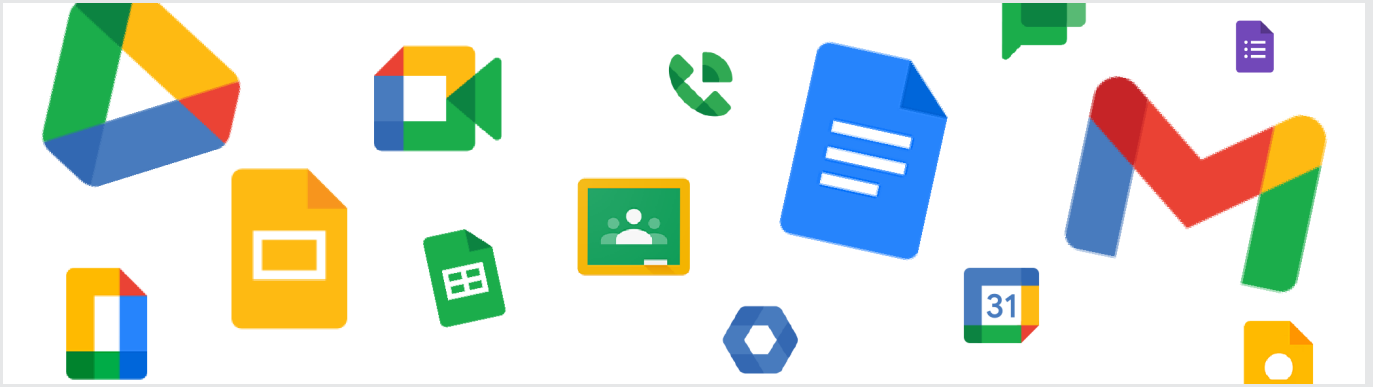
Security &  
Compatibility



Remote-control  
Services

### CreateBoard Series (TR3DK)

Display	Inch	98" / 86" / 75" / 65" / 55"
	Native Resolution	3,840 × 2,160 (UHD)
	Brightness (Typ.)	390 nits (98" w/o glass) 350 nits (86"-55" w/ glass)
Touch	Multi-Touch Point	20 Points (98"), 40 points (86"-55")
Connectivity	Input	HDMI (x3, HDCP2.2), RGB (VGA), Audio (3.5mm), RS-232C, RJ45(LAN), USB 3.0 Type A(x4), USB2.0 Type A, USB Type-C (USB-PD, DP-Alt)
	Output	HDMI, Audio Out (Optical 1(SPDIF)), Touch USB (x2), RJ45 (LAN)



### Google Mobile Services with Google Play

LG CreateBoard is Google Mobile Services Authorized and powered with Android™ 13. You have official access to Google Play™ store out of the box. A local installation for your apps means you do not need to plug in a laptop, or use your browser to get started working. Use Google for Education tools like Docs, Sheets and Slides with a simple sign-on. Remain secure with Google Play Protect Service – always on the lookout for suspicious behavior. Android 13 let's you customize your apps by color, theme and language.



### CreateBoard Prep Interactive Learning Software

CreateBoard Prep enables you to manage the classroom, increase student engagement, and build lessons efficiently—so you have time to teach again. Use from anywhere! Simply log into CreateBoard Prep ([createboard.com/prep](https://createboard.com/prep)), from your device using any browser and get to work

- Log in to your everyday tools to import files One Note, Google Classroom, One Drive, Google Drive
- Tools for every subject plus classroom management, games, activities and more
- Import videos from YouTube – they play in CreateBoard Prep without ads
- Library of over 2000 ready-made lessons and tools for your LG CreateBoard
- Slide-based design helps deliver information more effectively



### Precise Touch

LG CreateBoard can simultaneously detect up to 40 points for multi-touch functionality. This creates a lifelike touch experience, helping students easily become accustomed and truly engage in classes. CreateBoard was designed to facilitate the organic engagement of students.

\* A max of 40 points are detected in the Windows environment, a max of 32 points are recognized in the Android environment, and up to 10 points can be recognized in the writing app.



### Smart Viewing

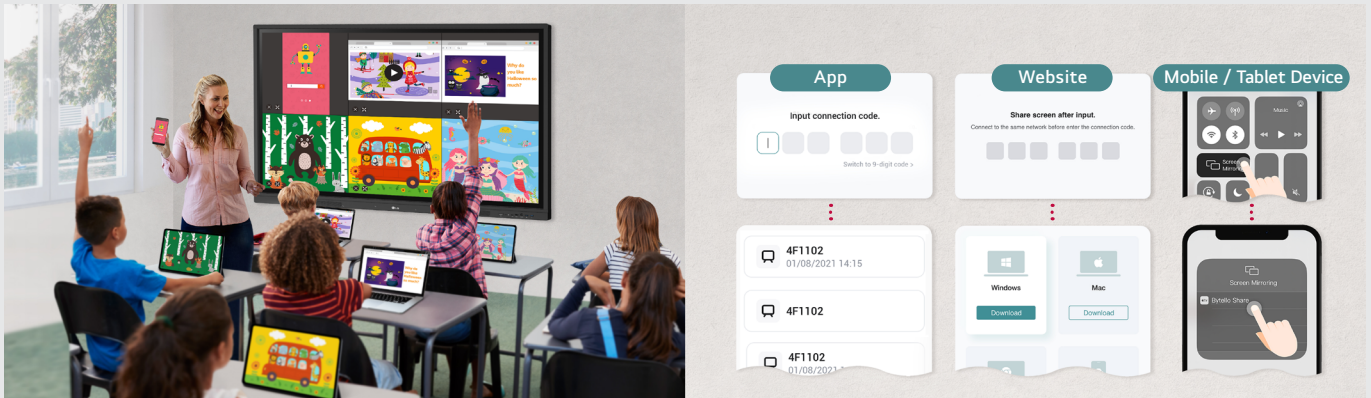
The Smart Viewing feature of LG CreateBoard enables efficient teaching. Two or more materials can be displayed on the same screen simultaneously without having to repeat Alt-tab, making teaching more convenient and efficient. Two materials can be displayed side by side (multi window mode), or one material can be overlaid on the other one (picture-in-picture mode).\*

\* Multi window mode may not work for some apps, and picture-in-picture mode is available for the external source screen.





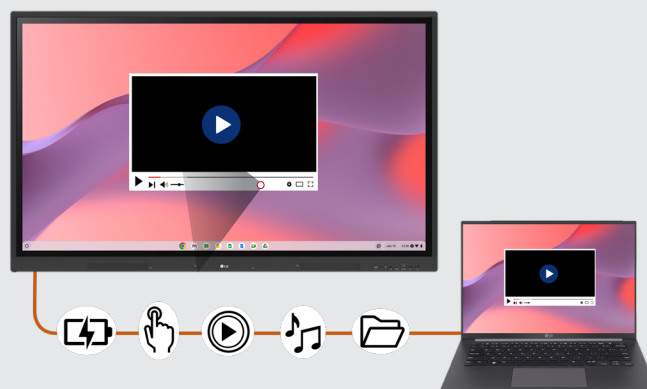
## READY TO SHARE



### CreateBoard Share Wireless Casting Solution

LG CreateBoard Share enables users to show up to 9 shared screens or a file on a screen in real-time when the LG CreateBoard Share app is installed on the device. \*Also, files from the host can be easily sent to any devices connected to the LG CreateBoard Share app, and several quick controls by the host are available.

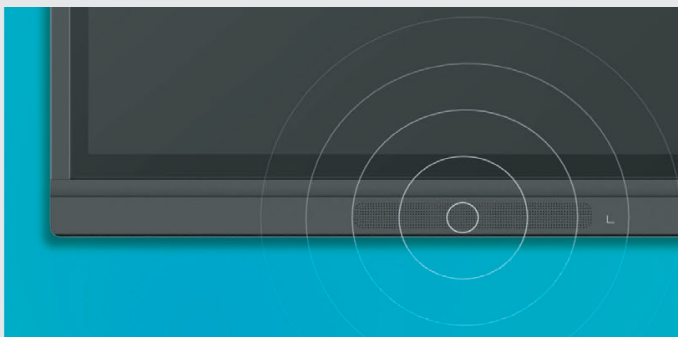
\* LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network.  
For a more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).



### Easy Connection with USB Type-C

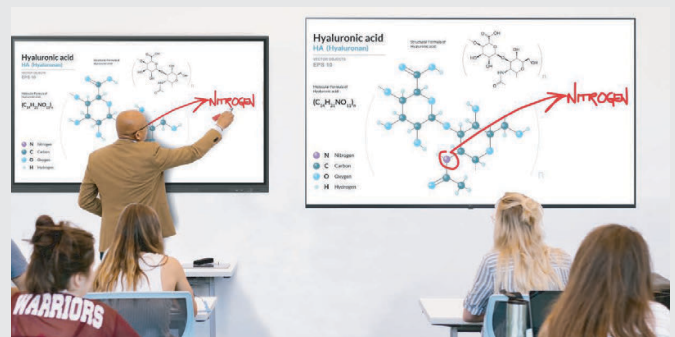
USB-C connectivity simplifies connections which enables charging, video, audio, touch and data transmission with just one cable.\*

\* USB Type-C cables are sold separately.



### Amazing Sound

Powerful speakers help capture students' attention across the classroom. By ensuring that the audio is clear and easy to hear, teachers can ensure that content is more accessible to every student they can participate fully in classroom discussions and activities.



### HDMI-out

Displaying content on a larger screen: An interactive display in a classroom is a great tool for sharing content with students. However, sometimes the display itself might not be large enough for everyone in the class to see clearly. In this case, an HDMI-out port allows the teacher to connect the display to a larger screen, such as a projector or a TV. This ensures that everyone in the class can see the content clearly and comfortably.



## READY TO MANAGE



### LG ConnectedCare DMS



Device  
Summary



Device Issue  
Summary



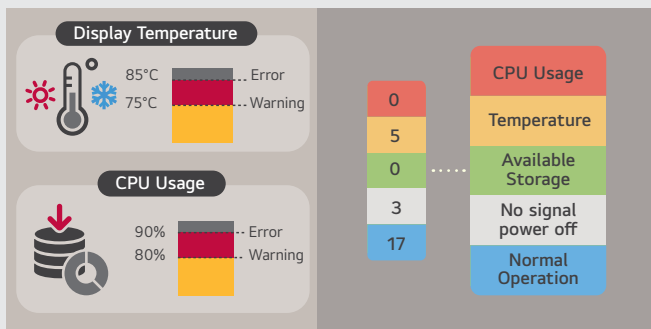
Issue  
Type



Schedule  
History

### LG ConnectedCare DMS with CAP (Common Alerting Protocol)

LG ConnectedCare DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard installed in educational environments. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites. ConnectedCare DMS now supports Common Alerting Protocol based security systems.

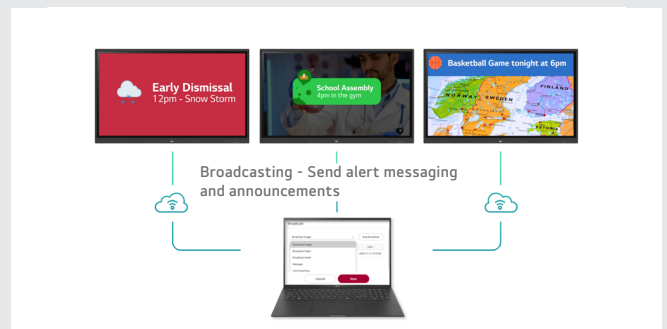


#### Threshold Settings

Users can set thresholds in eight categories including display temperature, memory usage, or signal, and can receive warning or error notifications based on their threshold settings.

#### Monitoring & Fault Diagnosis

An engineer can check the status in real-time and diagnose problems remotely. Also, the current status of issues can be categorized, allowing for easy viewing and quick responses.



#### Alert Message & Broadcasting

LG ConnectedCare allows the organization to send alerts, messages, videos, or live streams to the display. When the alert message is sent out to the device, LG CreateBoard interrupts the current display shows the alert information.



#### App Management

Access the ConnectedCare DMS software remotely via the web-based dashboard at any time to monitor device health, troubleshoot issues, make system updates, and more.



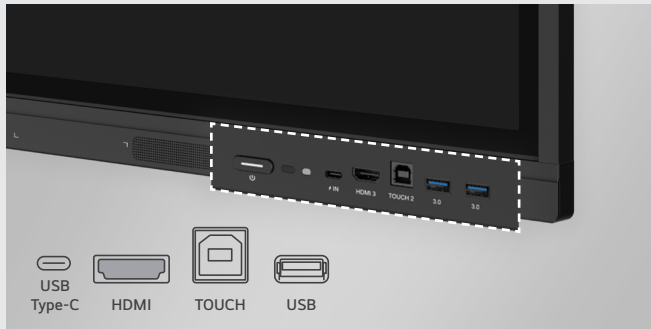
#### Remote Scheduling & Control

Frequently used controls such as the power on/off, scheduling, brightness, and screen lock functions can be applied remotely. Content including images, videos, audio messages, or live streaming can be remotely shared with connected devices.



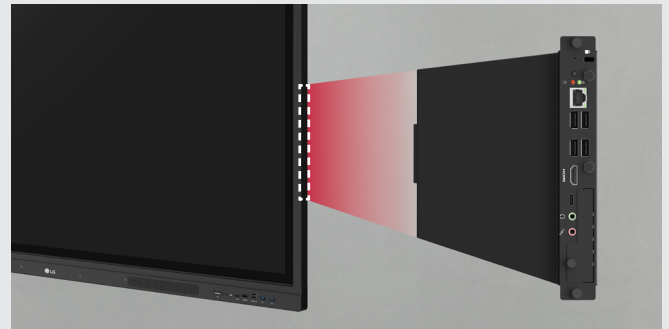


## OTHER FEATURES



### Front Connectivity Design

Front connections allow easy access to connect and disconnect cables and other devices without having to reach around to the back of the display. This saves time and effort, making it easier to set up and adjust the display, even with USB-C connected BYOD (Bring Your Own Device).



### Built-in OPS Slot

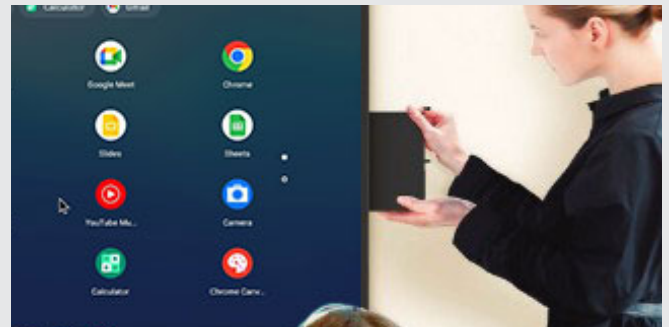
The built-in OPS slot supports pluggable devices that allow a range of collaboration tools that can help students and teachers work together more effectively.

\* OPS (Open Pluggable Specification) is an optional purchase



### Windows PC OPS Accessory

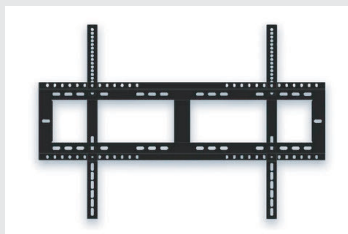
Crafted for optimal integration with an LG Createboard, this OPS slot-in PC offers a streamlined solution for seamlessly incorporating the Createboard within a Microsoft ecosystem.



### ChromeOS OPS Accessory

This Google-certified Chrome OPS slot-in device is designed for seamless integration with an LG CreateBoard and simplifies deployment throughout schools, granting teachers and students easy access to their content.

## MOUNTING OPTIONS



### Universal Wall Mount

LG offers a fixed wall mount accessory that allows the display to be securely installed in a variety of environments.



### ST-860F Slim Cart

With a sleek design, the ST-860F Slim Cart allows stable mobility for your CreateBoard while minimizing the overall physical footprint.



### Height Adjustable Mounts

Elevate your interactive experience with BalanceBox and eBox solutions - Effortlessly adjust your touchscreen with the manual precision of BalanceBox or the motorized ease of eBox, designed for comfort, safety, and collaboration in any environments.



## SPECIFICATIONS

		98TR3DK-B.MUSQ	86TR3DK-B.YUSQ	75TR3DK-B.MUSQ	65TR3DK-B.MUSQ	55TR3DK-B.MUSQ
DISPLAY	Screen Size	98"	86"	75"	65"	55"
	Panel Technology	IPS				
	Resolution	16:9 3840x2160 (4K UHD)				
	Refresh Rate	60Hz				
	Brightness (Typ. / Max)	390 nits / 490 nits	350 nits / 400 nits			
	Contrast Ratio	1200:1 (static), 5000:1 (Dynamic)				
	Viewing Angle (H x V)	178"x 178°				
	Response Time	8ms				
	Operation Hours (Hours/Day)	16/7				
	Touch Points	40 Point Max Multi-Touch (40 Point Max for Windows, 32 Point Max for Andorid)				
	Touch Technology	Infrared				
HARDWARE	OS	Android 13				
	CPU	Quad Core A55				
	GPU	Mali G52MP2				
	Storage	64GB				
	RAM	8GB				
	OPS (Open Pluggable Specification)	Yes, Optional				
	Speakers	Stereo 15W x 2 Forward-Facing				
CONNECTIVITY	Input	HDMI (x3), VGA (x1), Audio-in (x1), RS232X (x1), RJ45 (x1), USB 3.0 (x4), USB 2.0 (x1), USB Type-C with PD (x1)				
	Output	HDMI-out (x1), Audio-out (x1), SPDIF (x1), Touch USB (x2), RJ45 (x1)				
	Wireless	802.11a/b/g/n/ac/ax (WiFi 6)				
	Bluetooth	5.0				
	Ethernet	Gigabit LAN				
BUILT-IN SOFTWARE	Collaboration	LG CreateBoard Lab, Note 2.0				
	Casting	LG Createboard Share				
	Management	LG ConnectedCare DMS				
	Productivity	OfficeSuite				
MECHANICAL	Weight (Net)	228.4 lbs. / 103.6 kg	129.2 lbs. / 58.6 kg	104.3 lbs. / 47.3 kg	77.2 lbs. / 35.0 kg	57.6 lbs. / 26.1 kg
	Weight (Package)	278.9 lbs. / 126.5 kg	167.3 lbs. / 75.9 kg	133.6 lbs. / 60.6 kg	98.6 lbs. / 44.7 kg	76.1 lbs. / 34.5 kg
	Dimension (WxHxD) (Net)	88.4 x 52.1 x 3.5 in 2244.7 x 1323.2 x 89.5 mm	77.0 x 45.7 x 3.9 in 1957 x 1160 x 100 mm	67.3 x 40.2 x 3.5 in 1709 x 1020 x 88 mm	58.6 x 35.3 x 3.5 in 1489 x 897 x 88 mm	50.0 x 30.5 x 3.4 in 1271 x 774 x 87 mm
	Dimesions (WxHxD) (Paclage)	94.7 x 11.0 x 58.0 in 2406 x 280 x 1474 mm	83.1 x 50.5 x 8.9 in 2110 x 1283 x 225 mm	73.4 x 44.9 x 8.9 in 1863 x 1140 x 225 mm	64.1 x 39.6 x 8.2 in 1628 x 1005 x 208 mm	55.2 x 33.8 x 8.7 in 1401 x 859 x 220 mm
	VESA™ Mount Compaitble	800 x 600		800 x 400	600 x 400	400 x 200
ENVIRONMENT	Operation Temperature	32°F to 104°F 0°C to 40°C				
	Operation Humidity	10% to 90% RH				
ELECTRICAL	Power Supply	100-240Vac, 50/60Hz, 5.5A				
	Typical Power Consumption	460 W	385 W	225 W	220 W	170 W
	Max Power Consumption	630 W	580 W	430 W	420 W	395 W
	Standby Power Consumption	≤0.5 W				
REGULATORY & OTHER	FCC	Class "A"				
	CE	Yes				
	Energy Star	Yes				
	Warranty	3 Year Limited				

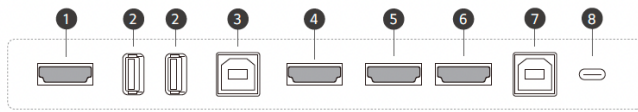




## CONNECTIVITY

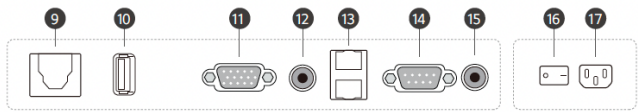
### TR3DK-BM Series (98")

Side



- |            |          |              |
|------------|----------|--------------|
| 1 HDMI OUT | 4 HDMI 1 | 7 TOUCH 2    |
| 2 USB 3.0  | 5 HDMI 2 | 8 USB Type-C |
| 3 TOUCH 1  | 6 HDMI 3 | 9 SPDIF      |

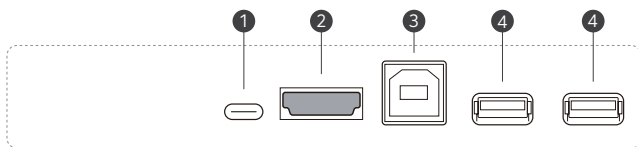
Bottom



- |             |              |           |
|-------------|--------------|-----------|
| 10 USB 2.0  | 13 LAN       | 16 SWITCH |
| 11 VGA      | 14 RS232     | 17 POWER  |
| 12 AUDIO IN | 15 AUDIO OUT |           |

### TR3DK-BM Series (86"-55")

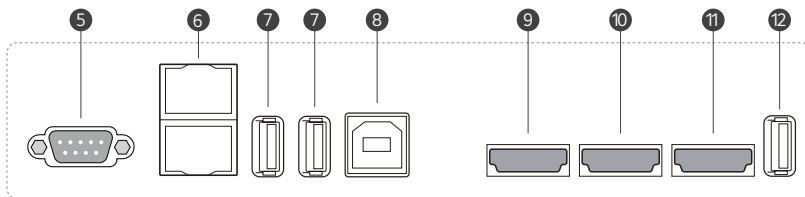
Front



Bottom



Side

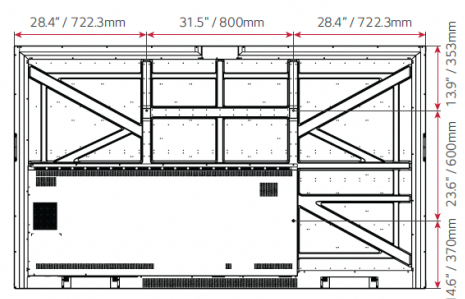
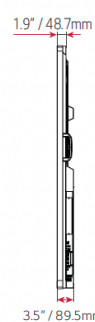
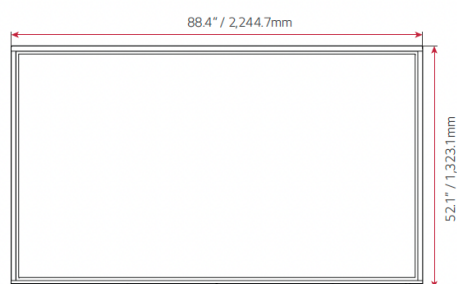


- |              |             |              |
|--------------|-------------|--------------|
| 1 USB Type-C | 7 USB 3.0   | 13 SPDIF     |
| 2 HDMI 3     | 8 TOUCH 1   | 14 AUDIO OUT |
| 3 TOUCH 2    | 9 HDMI 1    | 15 AUDIO IN  |
| 4 USB 3.0    | 10 HDMI 2   | 16 VGA       |
| 5 RS-232C    | 11 HDMI OUT | 17 SWITCH    |
| 6 LAN        | 12 USB 2.0  | 18 POWER     |

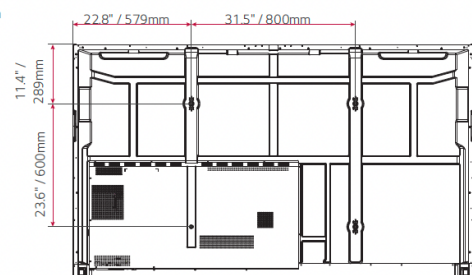
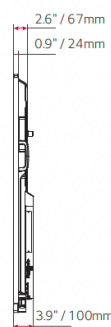
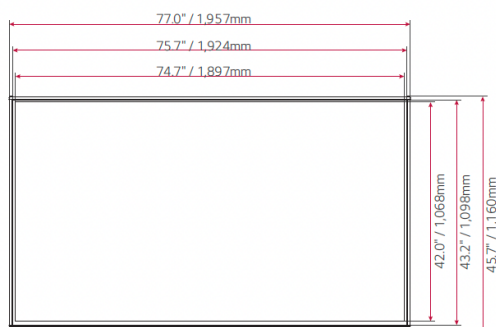
\* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

## DIMENSIONS

98"

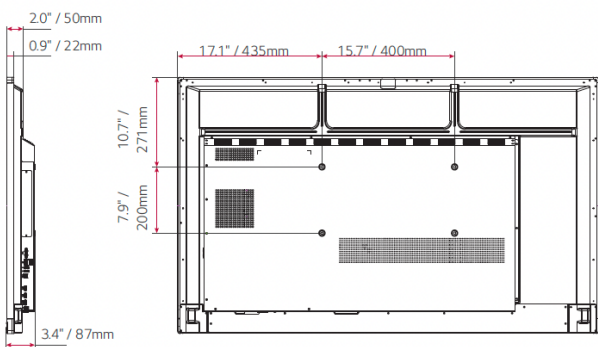
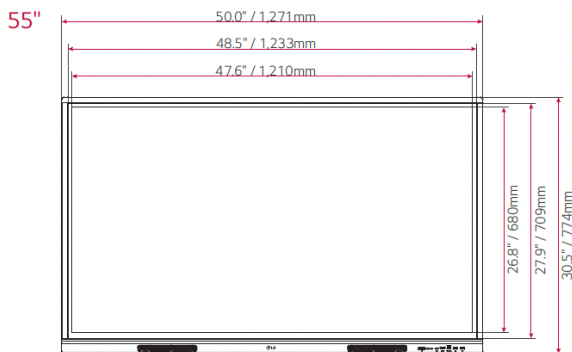
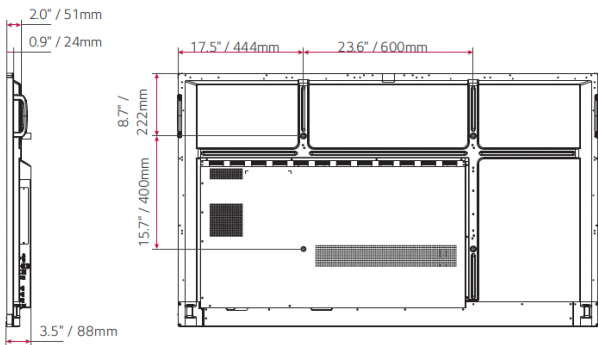
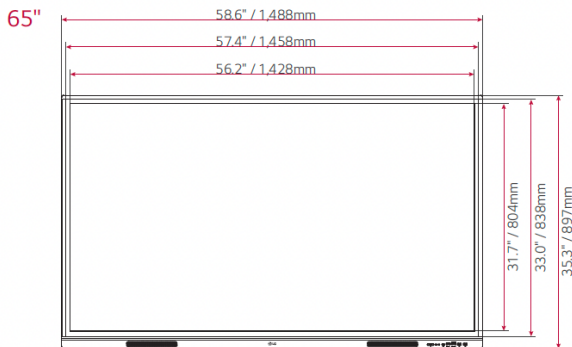
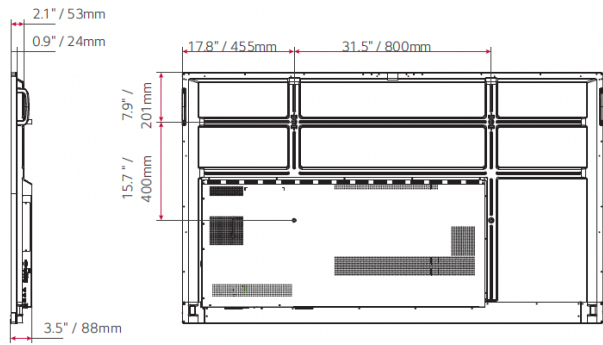
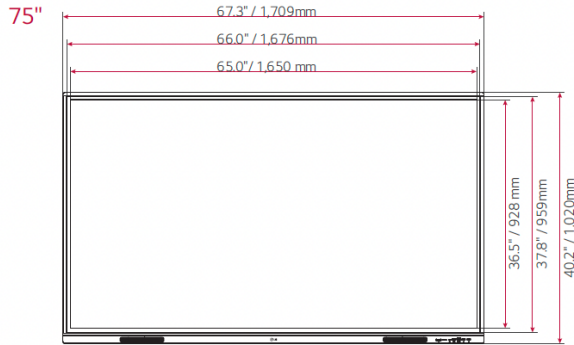


86"





## DIMENSION



\* Dimensions may differ from the above image, so please contact LG sales team to verify before ordering.