


* 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

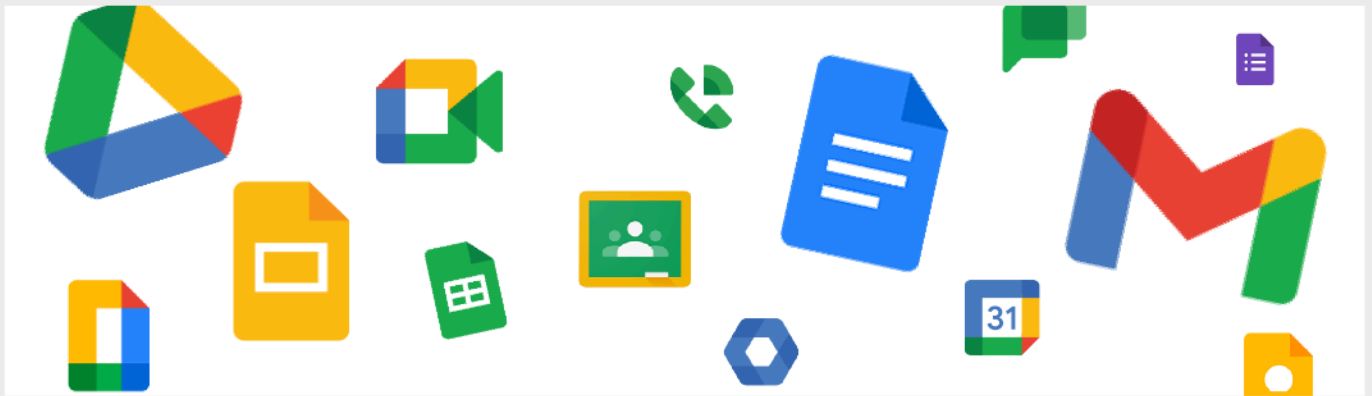
 Remote-control Services

CreateBoard Series (TR3DK)

| | | |
|--------------|-------------------|--|
| | Inch | 98" / 86" / 75" / 65" / 55" |
| Display | 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) |



READY TO CREATE



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 Lab Whiteboarding Software

LG CreateBoard Lab offers a variety of educational templates and teaching tools such as a ruler, table, and sticky notes, allowing for active engagement by students and enabling intuitive classes. Editing images and videos becomes easy with LG CreateBoard, and created resources can be easily shared with others through connected cloud drives.



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.



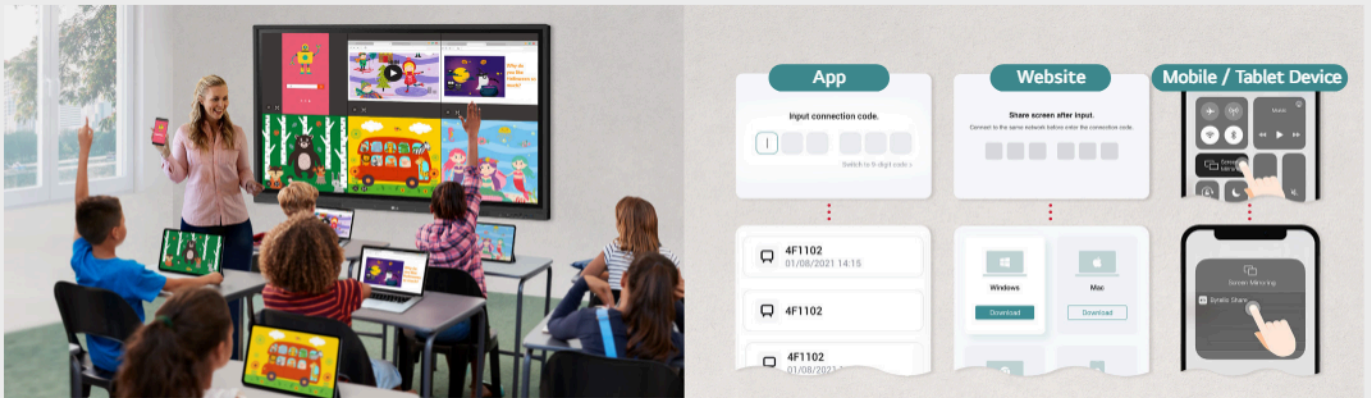
Smart Viewing

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.

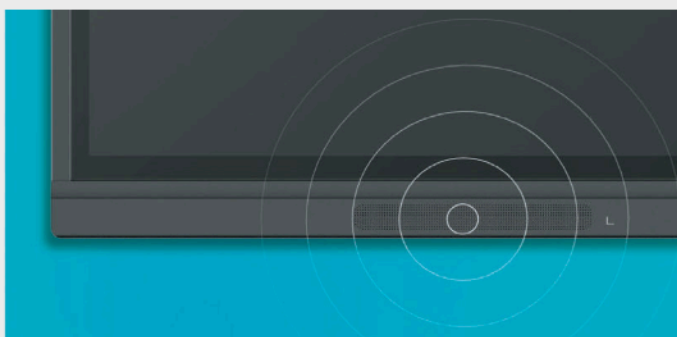
* LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network. For a more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).



Easy Connection with USB Type-C

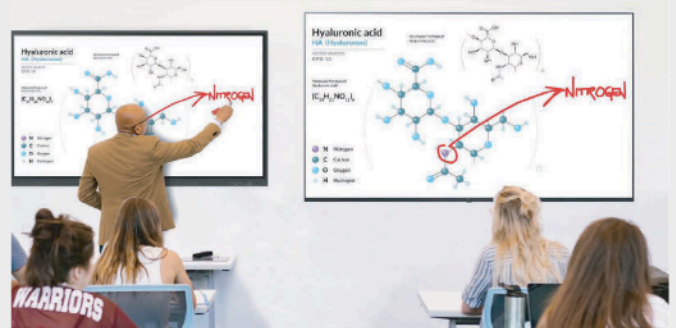
USB-C connectivity simplifies connections which enables charging, video, audio, touch and data transmission with just one cable.*

* 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 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.

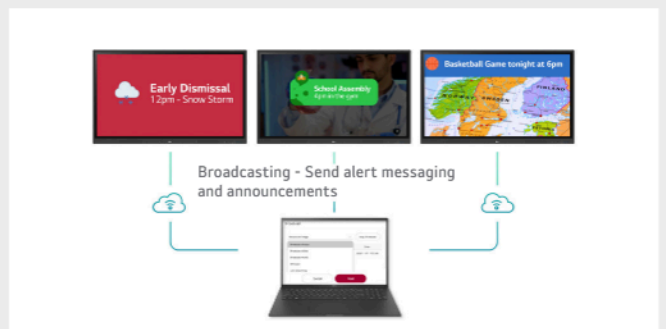


Threshold Settings

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.

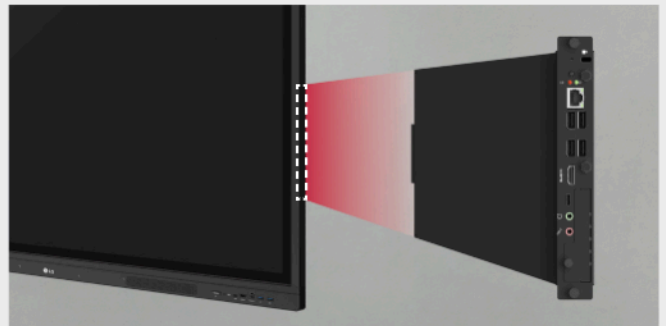


OTHER FEATURES



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

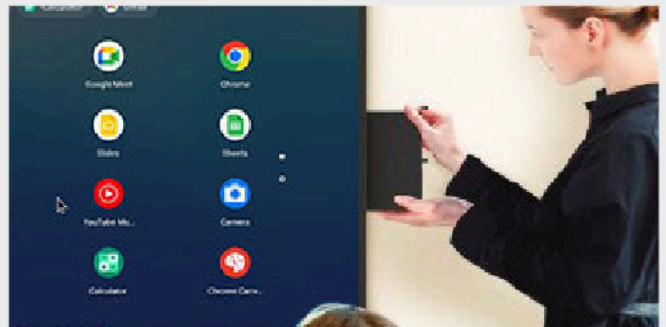
The built-in OPS slot supports pluggable devices that allow a range of collaboration tools that can help students and teachers work together more effectively.

* 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

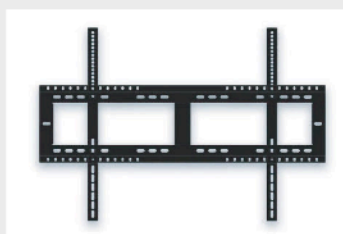
This Google-certified Chrome OPS slot-in device is designed for seamless integration with an LG CreateBoard and simplifies deployment throughout schools, granting teachers and students easy access to their content.

MOUNTING OPTIONS



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.



Universal Wall Mount

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



Mounting Cart with Storage

LG offers a sturdy mobile cart with shelves, allowing you to more easily transport the display and some peripherals between various rooms.



SPECIFICATIONS

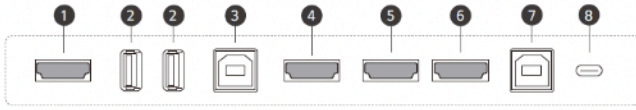
| | | 98TR3DK-B.MUSQ | 86TR3DK-BYUSQ | 75TR3DK-B.MUSQ | 65TR3DK-B.MUSQ | 55TR3DK-B.MUSQ | |
|--------------------|------------------------------------|---|--|--|--|---|--|
| DISPLAY | Screen Size | 98" | 86" | 75" | 65" | 55" | |
| | Panel Technology | IPS | | | | | |
| | Resolution | 16:9 3840x2160 (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) (Package) | 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 Compatible | 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

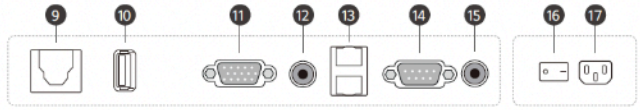
TR3DK-BM Series (98")

Side



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

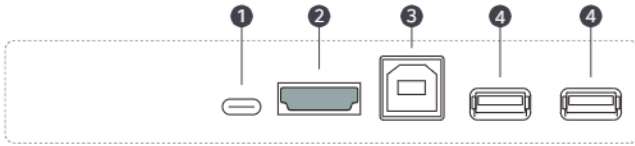
Bottom



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

TR3DK-BM Series (86"-55")

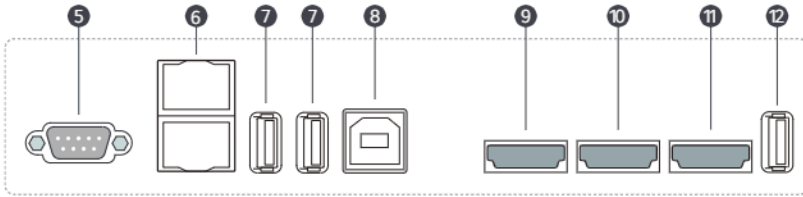
Front



Bottom



Side



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

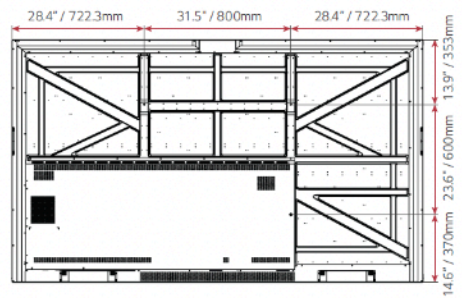
* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

DIMENSIONS

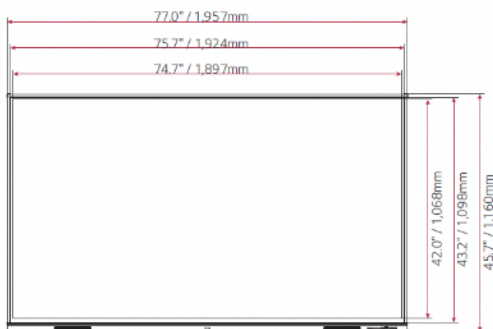
98"



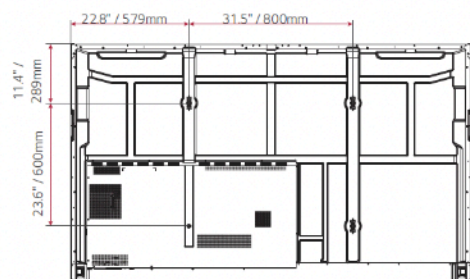
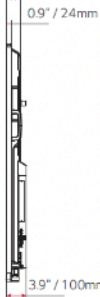
1.9" / 48.7mm



86"

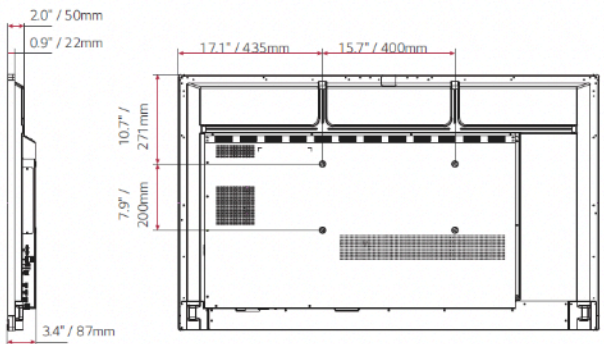
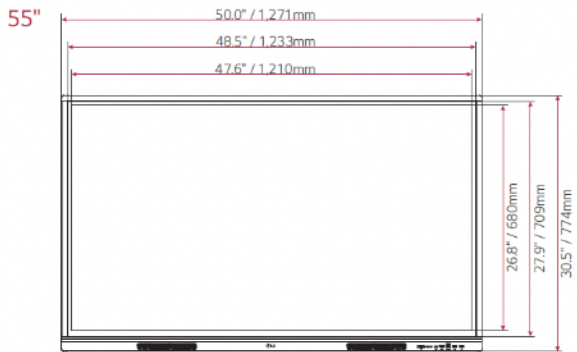
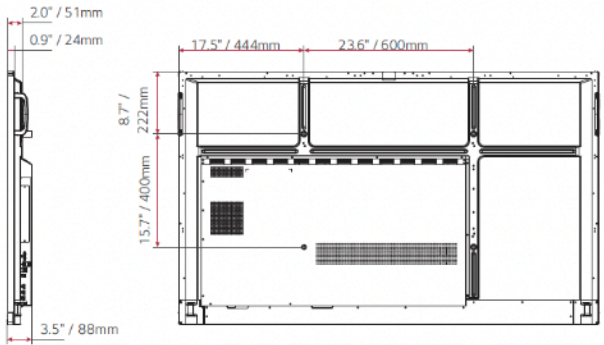
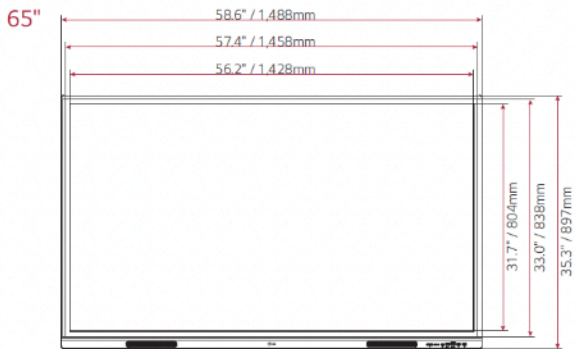
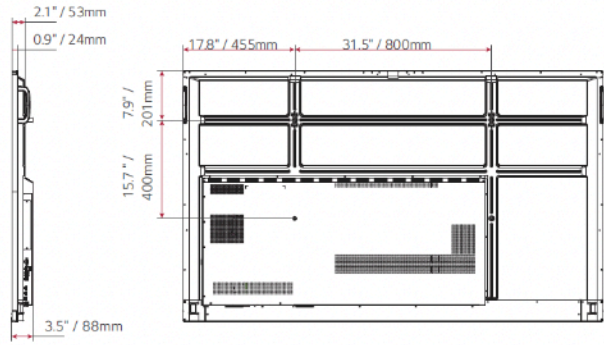
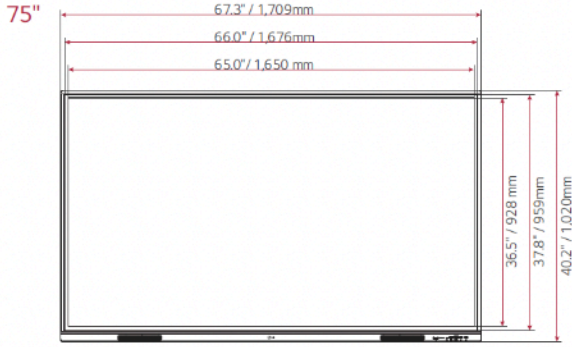


2.6" / 67mm





DIMENSION



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