



Power Up Collaboration



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

TR3DK series

A Better Workspace with: 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) |



READY TO CREATE



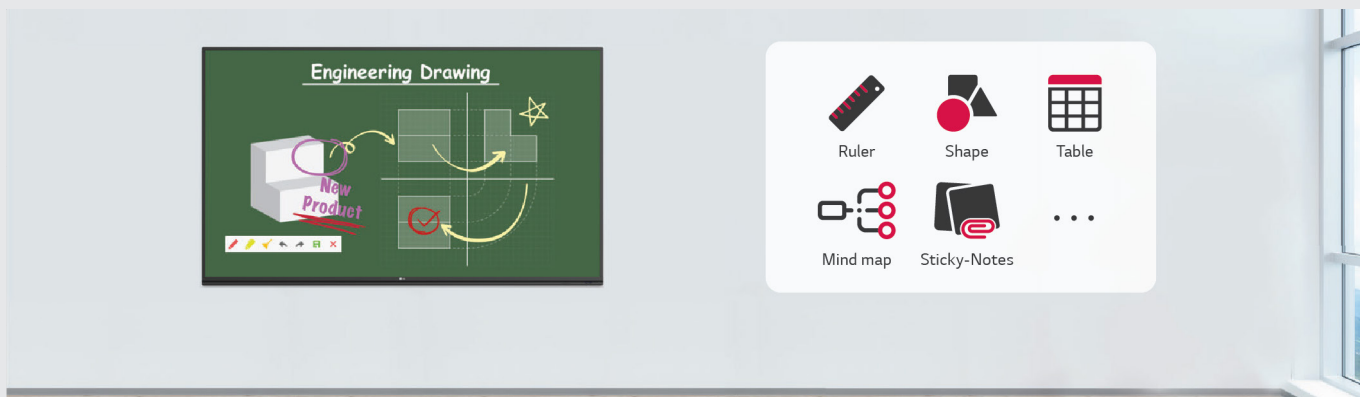
CreateBoard Lab Whiteboarding Software

With LG CreateBoard's intuitive interface and robust set of features, teams can brainstorm, ideate, and communicate ideas more effectively in real-time. By facilitating seamless collaboration and information sharing, LG CreateBoard enables teams to work together more efficiently, helping in increased productivity and better outcomes for business.



Google Mobile Services with Google Play

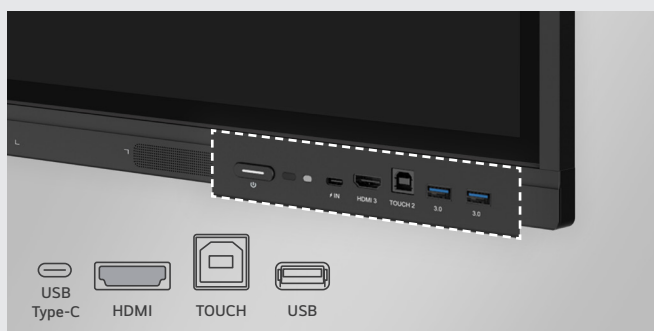
LG CreateBoard is Google Mobile Services Authorized and powered with Android™ 13. You have official access to Google Play™ store out of the box. A local installation for your apps means you do not need to plug in a laptop, or use your browser to get started working. Use Google for Education tools like 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.



Precise Touch

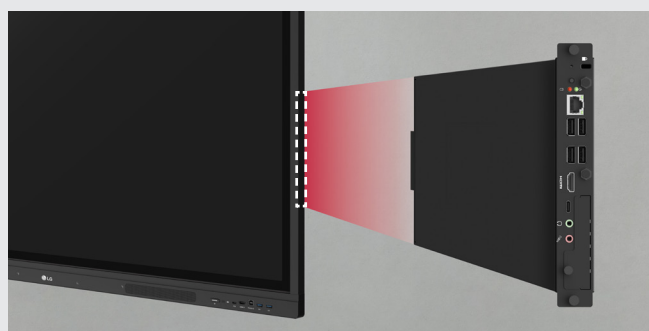
LG CreateBoard can simultaneously detect up to 40 points* for multi-touch functionality. This creates a lifelike touch experience, helping participants easily become accustomed and truly engage in meetings. CreateBoard was designed to facilitate the organic engagement of audiences.

* 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.



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).



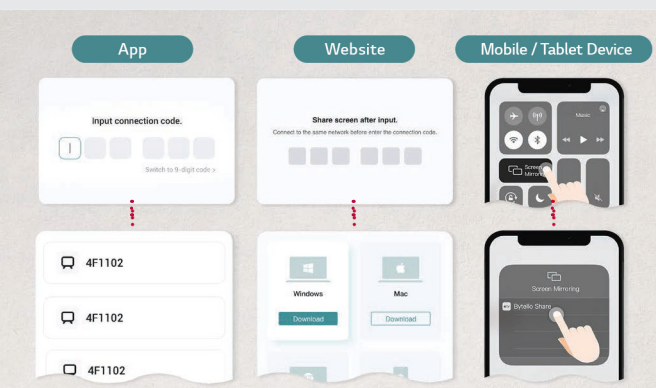
Built-in OPS Slot

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



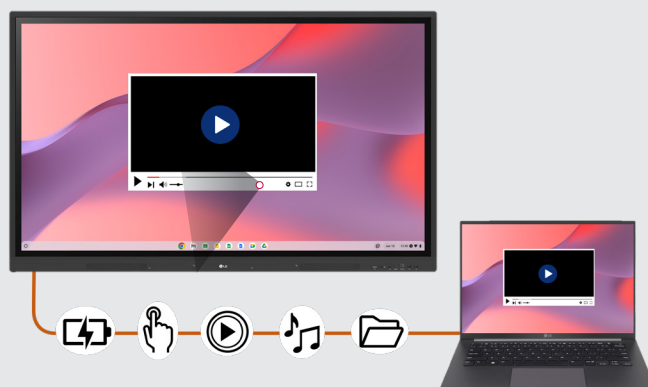
READY TO SHARE



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.

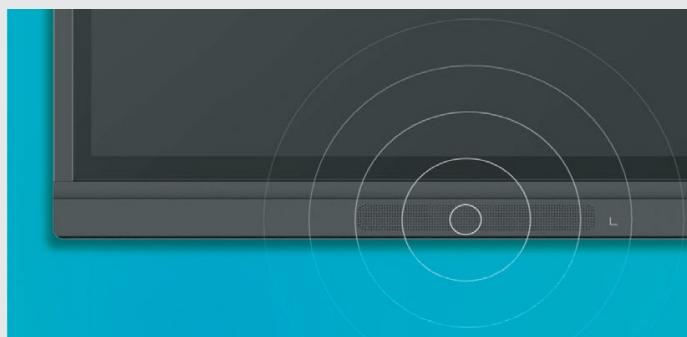
* LG CreateBoard also supports app-less sharing for PC (via website) and mobile devices within the same network.
For a more stable connection, we recommend the installation of a dedicated app (LG CreateBoard Share).



Easy Connection with USB Type-C

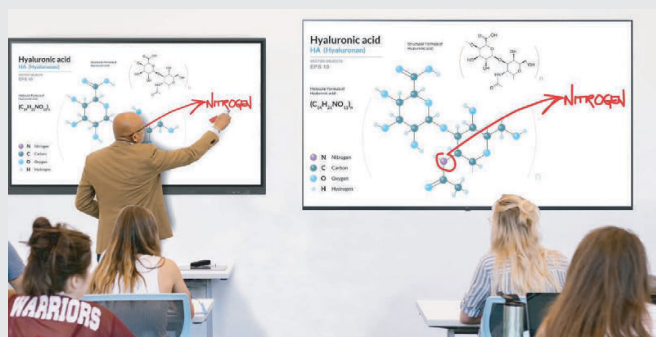
USB-C connectivity simplifies connections which enables charging, video, audio, touch and data transmission with just one cable.*

* USB Type-C cables are sold separately.



Amazing Sound

A pair of powerful high clarity speakers help promoting collaboration and improving communication in meetings. By delivering dynamic presentations and enabling seamless information sharing.



HDMI-out

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



READY TO MANAGE



LG ConnectedCare DMS



Device
Summary



Device Issue
Summary



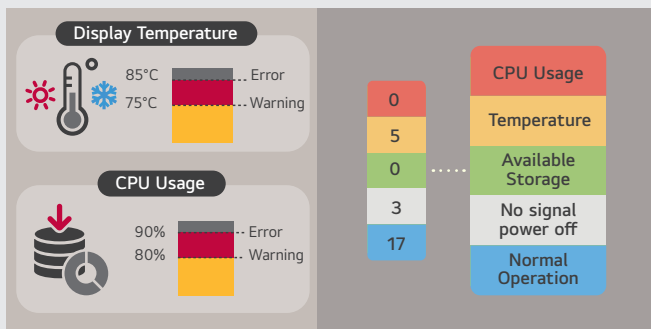
Issue
Type



Schedule
History

LG ConnectedCare DMS

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.

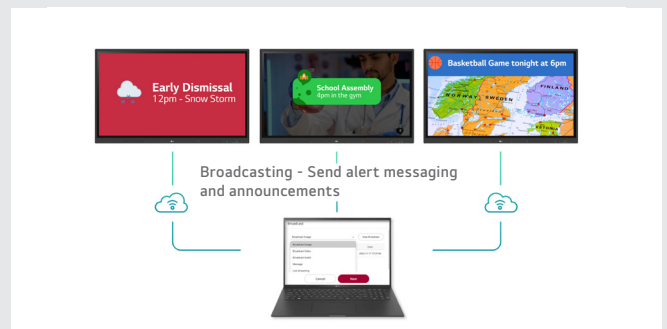


Threshold Settings

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.



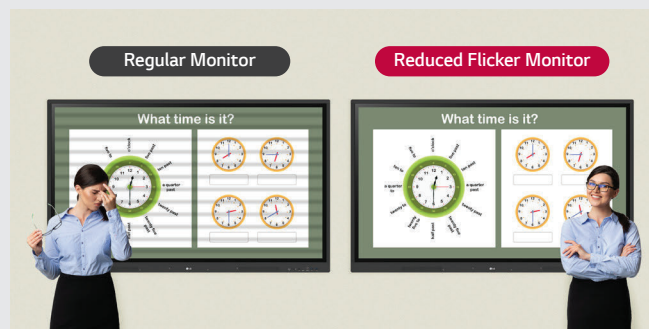
OTHER FEATURES



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.



Viewing Comfort

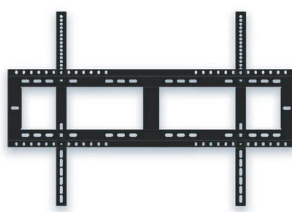
LG CreateBoard has introduced a reduced flicker function. With the reduced flickering of the monitor's backlight, users can use the device with more comfort even when using it for a long time.

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.

Your Meeting Room, Your Choice





SPECIFICATIONS

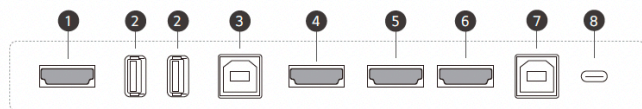
| | | 98TR3DK-B.MUSQ | 86TR3DK-B.YUSQ | 75TR3DK-B.MUSQ | 65TR3DK-B.MUSQ | 55TR3DK-B.MUSQ |
|--------------------|------------------------------------|---|--|--|--|---|
| DISPLAY | Screen Size | 98" | 86" | 75" | 65" | 55" |
| | Panel Technology | IPS | | | | |
| | Resolution | 16:9 3840x2160 (4K UHD) | | | | |
| | 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 Compaitle | 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

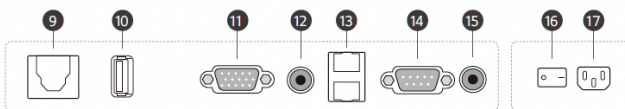
TR3PJ (98")

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 |

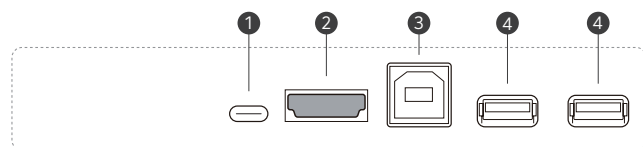
Bottom



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

TR3DK (86"-55")

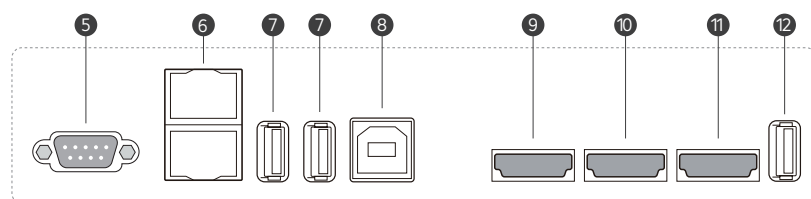
Front



Bottom



Side

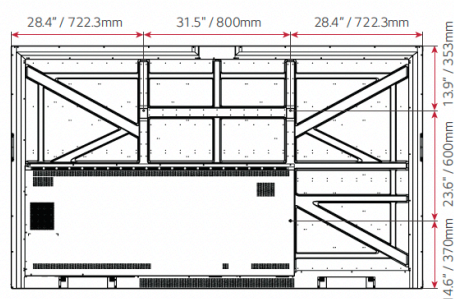
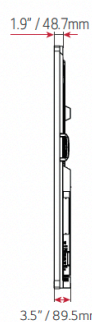
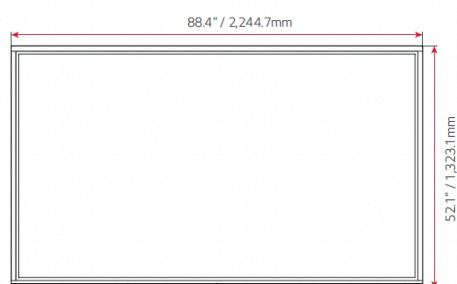


- | | | |
|--------------|-------------|--------------|
| 1 USB Type-C | 7 USB 3.0 | 13 SPDIF |
| 2 HDMI 3 | 8 TOUCH 1 | 14 AUDIO OUT |
| 3 TOUCH 2 | 9 HDMI 1 | 15 AUDIO IN |
| 4 USB 3.0 | 10 HDMI 2 | 16 VGA |
| 5 RS-232C | 11 HDMI OUT | 17 SWITCH |
| 6 LAN | 12 USB 2.0 | 18 POWER |

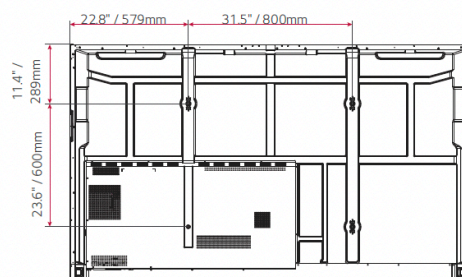
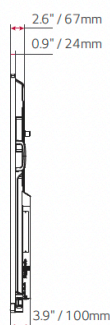
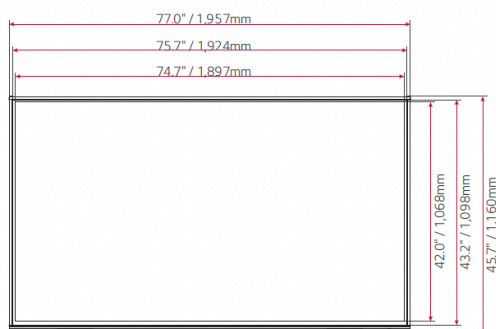
* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

DIMENSIONS

98"

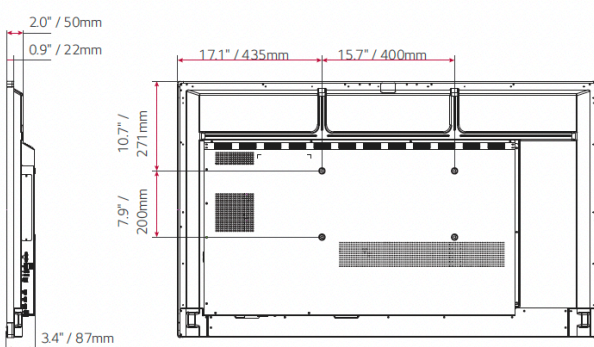
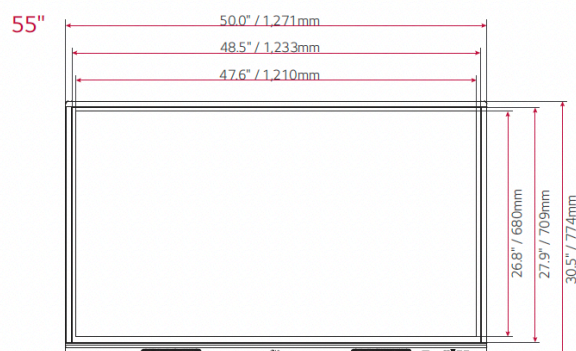
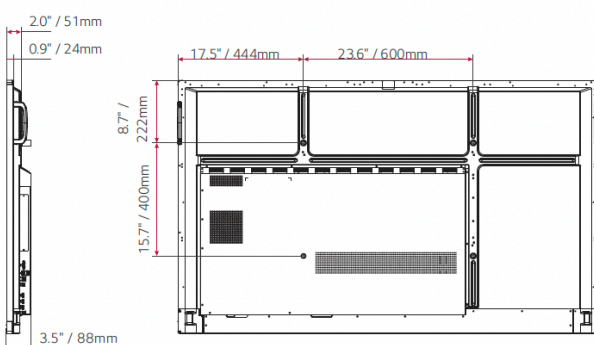
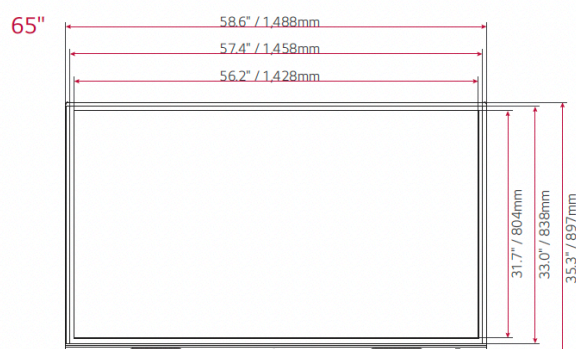
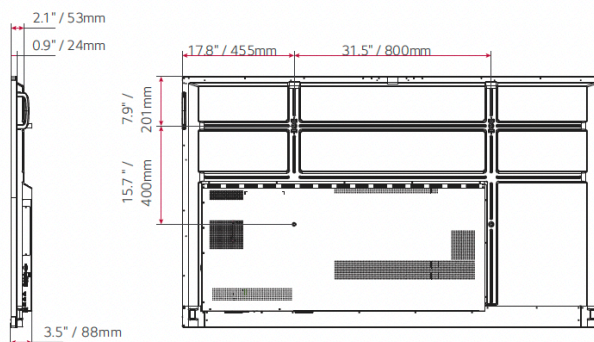
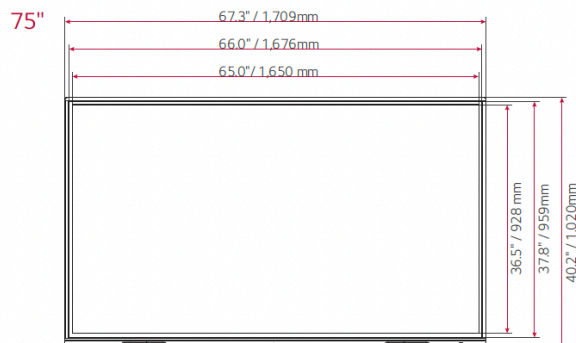


86"





DIMENSION



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