About LG – What's NEW Information Display

- IPS / Toled /Anti-Discoloration
- Brandschutz UH5/7
- LED All-In-One 136"/163" LAPA / MAGNIT
- LG Create Board
- LG NonOS Touch Board
 - Business Cloud



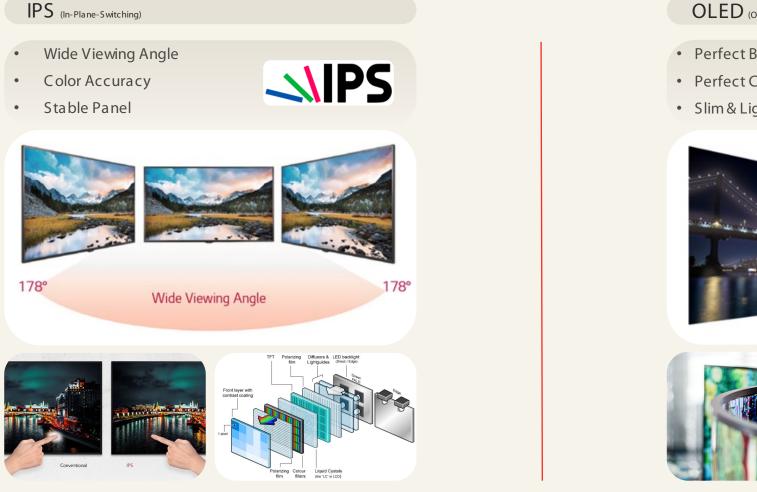
Why LG

LG aims to provide all aspects of the ECO System inlcuding Display Hardware, Software that creates and distribute content, and the Platform to link them together





Why LG Display Panel Technologies





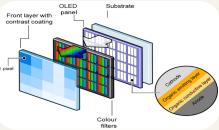
- Perfect Black
- Perfect Color
- Slim & Light Design



About LG













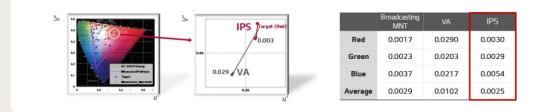






IPS Technology

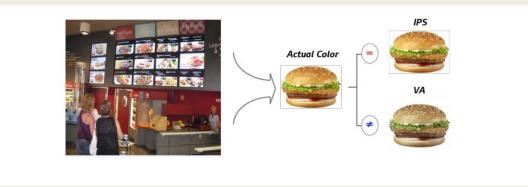
Color Accuracy



Because IPS projects the color close to real objects, it is widely used in broadcasting, medical and professional designing. (Testing with Mcbeth24color chart, IPS shows the accurate color between input and output color signal)



"It's got a gorgeous IPS display" "Super high quality display using IPS technology" "IPS provides much more accurate color" - Steve Jobs quote



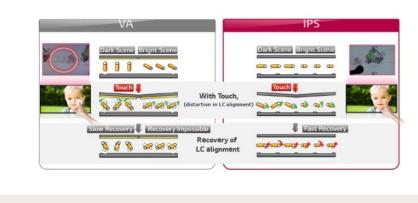






IPS Technology

Stable Panel



IPS has a fast Liquid Crystal recovery property. Therefore, no flash occurs when touching the screen. However, VA panels have a slower Liquid Crystal recovery property which causes flash upon touch of screen.









IPS Technology

M+Panel

The M+ panel adds a white sub-pixel to the conventional RGB pattern. This "white" subpixel increases the light transmission of the BLU and the panel appears brighter with a reduced brightness setting. As a result, power consumption can be reduced by up to 35% (max.) and the longevity of the panel is ensured (80% of all panel issues are related to the BLU).



LG Business Solutions

About LG

Anti-Discoloration Technology

Display Characteristics UL Verified





World's First UL verified Display for Anti-Discoloration characteristics.

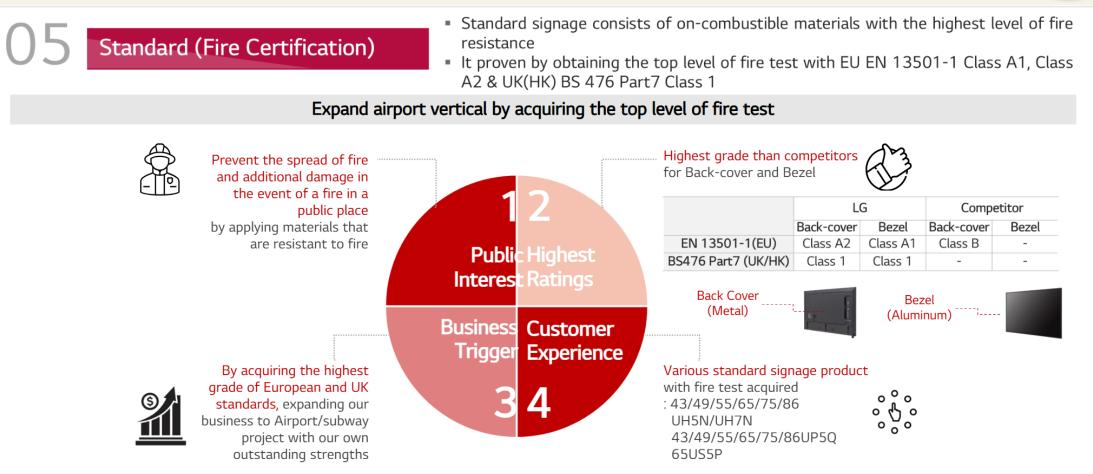
By focusing on the pain points of our customers, we obtained the world's first UL Verification for Display Anti-Discoloration Characteristics. Our new technology helps prevent 'screen-yellowing', while safeguarding display quality and performance stability.





IPS Technology Wide Viewing Angle & Color Accuracy









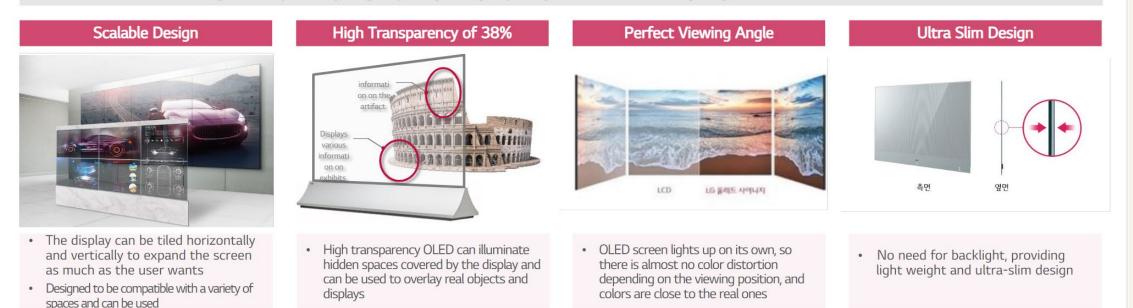
Transparent OLED

Wide Viewing Angle & Color Accuracy

Transparent OLED

- Designed as a semi-assembled display, it allows multiple displays to be combined to make the desired size.
- The display is clear enough to read text on the product beyond the screen.

High transparency, high-quality image quality, and wide viewing angle allow for vivid content





Why LG LED Full Service Solution

Project Management Product Suggestion Design Consulting Installation Support and Test Product Training Service Bring-In CH

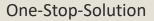
High Quality

LG Quality (MAGNIT)

Long aging time before shipment (min. 72 hours) with subsequent calibration

Strict compliance with local requirements Installation Guides

100% RoHS-zertifiziert



About LG

One-Stop-Buying Solution for LED and Digital Signage

Largest LED Line-Up with certifided products (DCI, UEFA)

Integrated Digital Signage Solution with webOS

LED







On-site Installation Support



Product Training



About LG

Why LG Our Operating System

SoC (System-on-Chip)

- Simple Content Management
- Embedded CMS
- Multiple Screen Composition
- Real-time Video Streaming
- Seamless Content Playback
- Synced Video Wall Playback
- Easy Monitoring & Diagnosis
- SNMP Support
- Easy Customization
- Content Sharing
- Real-time Promotion

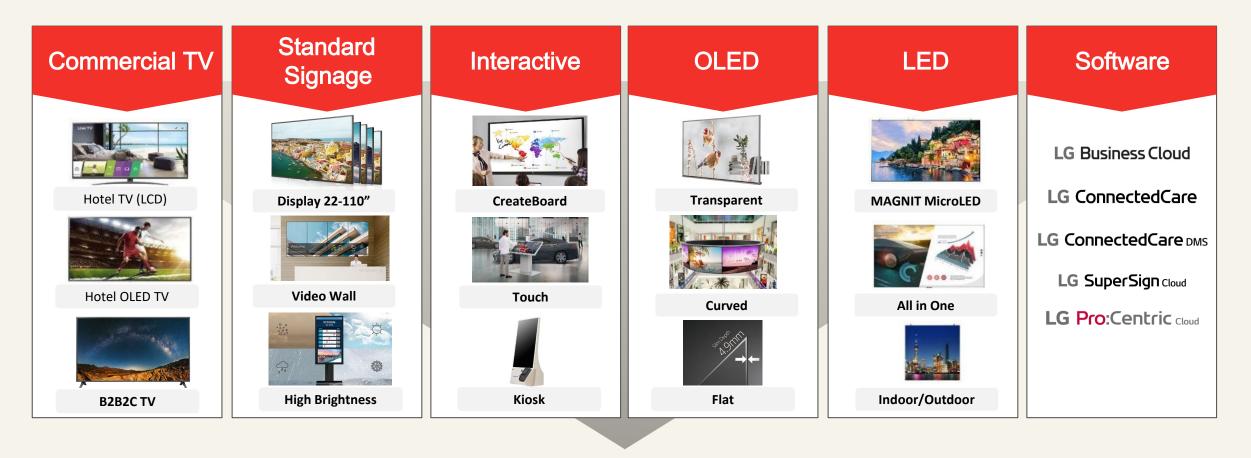






Full Line-Up

LGE delivers differentiated customer experience through OLED, LED, Standard Signage, Interactive Boards, CTV, and software solutions with outstanding technologies.









MicroLED Signage

MAGNIT LAAA

Technical Specification

٠	Screen Size:	136" FHD / 136" UHD / 163" UHD
٠	LED Technology:	СОВ
٠	Resolution:	1920 x 1080 / 3840 x 2160
٠	Brightness:	500 cd/m²
٠	Pixel Pitch:	1.56mm/0.78mm/0.94mm
٠	Contrast Ratio:	25000:1@ 10lux
٠	Included Accessory:	Controller

Key Features

- High Performance SoC with WebOS
- LG Surface Treatment Technology
- Al-powered Viewing Experience with Alpha 7 Processor
- Compatible with AV & Video Conference System





DESIGN AWARD 2024

Н

LED Signage All-In-One



LAPA

Technical Specification

•	Screen Size:	136" FHD / 163" FHD
•	LED Technology:	SMD
•	Resolution:	1920 x 1080
•	Brightness:	500 cd/m²
•	Pixel Pitch:	1.56mm/1.88mm
•	Contrast Ratio:	3000:1
•	Included Accessory:	Controller / Wallmount

- High Performance SoC with WebOS
- Easy Installation and High Speed Edge Calibration
- Build-In Speaker
- Compatible with AV & Video Conference System





High Brightness Signage

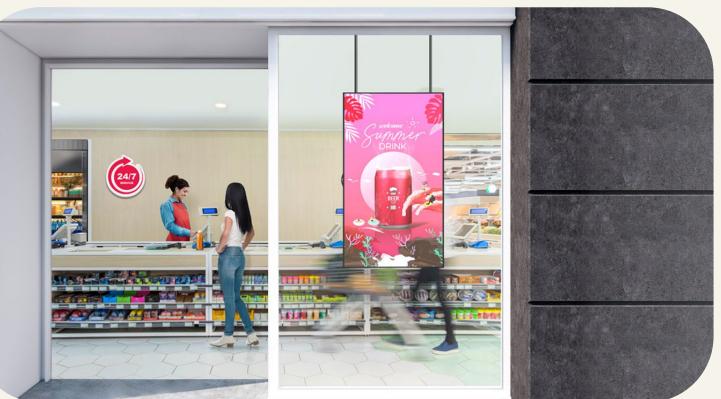
Window Facing

XS4P

Technical Specification

• Screen Size:	49"/55"/75"
Panel Technology:	IPS M+
Resolution:	1920 x 1080 (49"/55") / 3840 x 2160 (75")
Brightness:	4000 cd/m ²
• Haze:	3%
Operation:	24h / 7d
Orientation:	Landscape / Portrait

- High Performance SoC with WebOS
- UL Verification for Display Anti-Discoloration
- Upgrated Quite Mode 2500 nits with minimal noise
- IPS M+ High Energy Efficiency and Cost saving











High Brightness Signage

Open Frame





XF3P

Technical Specification

•	Screen Size:	75"
,	Panel Technology:	IPS M+
,	Resolution:	3840 x 2160
,	Brightness:	3000 cd/m²
,	Haze:	3% (QWP)
,	Operation:	24h / 7d
,	Orientation:	Landscape / Portrait

- High Performance SoC with WebOS
- UL Verification for Display Anti-Discoloration
- ConformalCoating
- IPS M+ High Energy Efficiency and Cost saving





High Brightness Signage

Outdoor

XE3P

Technical Specification

٠	Screen Size:	49"/55"	
•	Panel Technology:	IPS M+	
•	Resolution:	1920 x 1080	
•	Brightness:	3500cd/m ²	
•	Haze:	3%	
•	Operation:	24h / 7d	
•	Orientation:	Landscape / Portrait	

- High Performance SoC with WebOS
- IP56 Design IK10 Protective Class
- Anti-Reflection Coating Visible with Polarized Sunglass
- IPS M+ High Energy Efficiency and Cost saving





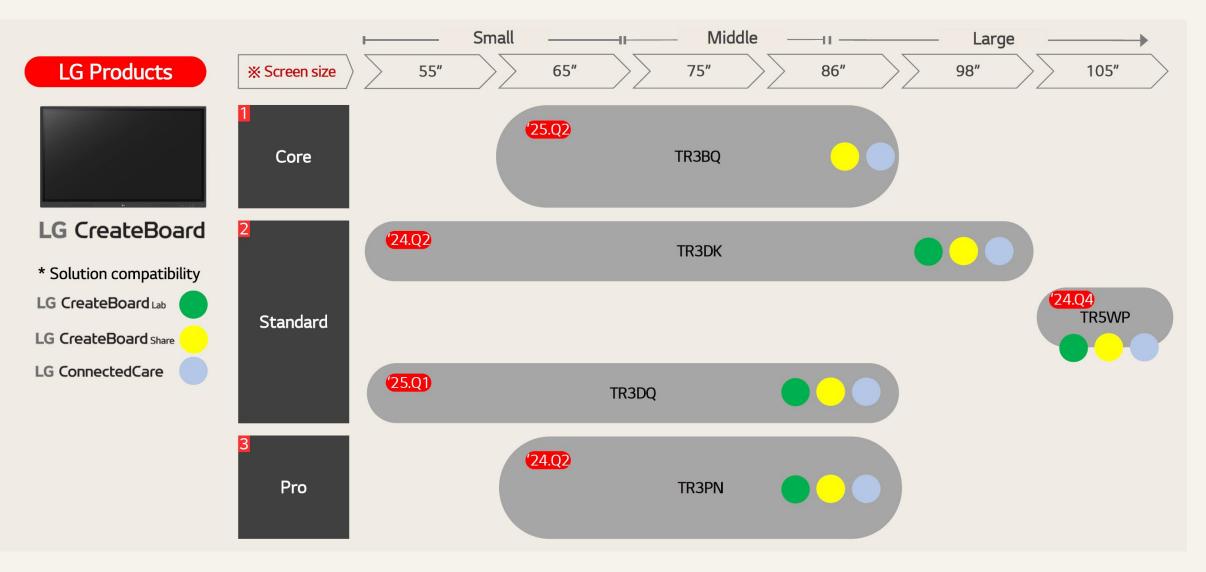






LG CreateBoard

Line-up





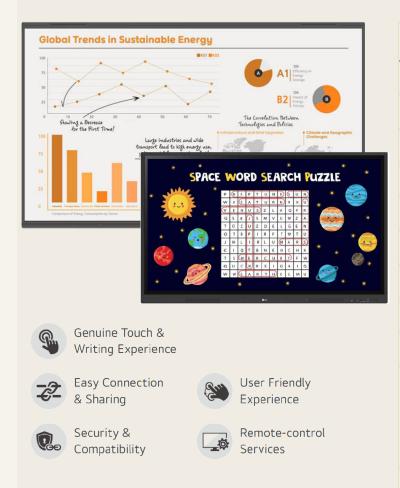
About LG

AI

LG CreateBoard

Line-up





	Model	New TR3BQ	TR3DK-BM	New TR3DQ	TR3PN	TR5WP
	Screen Size	86"/75"/65"	98"/86"/75"/65"/55"	86"/75"/65"/55"	86"/75"/65"	105″
	Screen Ration	16:9	16:9	16:9	16:9	21:9
	OS	X (Non-OS)	Android 13	Android 14	Android 13	Android 13
	Google EDLA	Х	YES	YES	YES	No
	CPU	Х	Quad core A55	Octa core A73x4 + A53x4	Octa core A76 + A53	Octa-core A76x4 + A55x4
	GPU	Х	Dual Core Mail G52 MultiCore 2	Mali-G52 MP8	Dual Core Mail G52 MultiCore 2	Mali-G610 MP4
RAM/Storage		Х	8G / 64G	8G / 64G	8G / 64G	8G / 64G
Speaker Output		16W x 2	15W x 2	20Wx2 + 20W	18W x 2 + 8W x 2	20Wx2 + 15Wx1
	MIC Array	Х	N/A	8 EA	8 EA	8 EA
	Point	Max. 40 Touch Points	Max. 40 Touch Points	Max. 50 Touch Points	Max. 50 Touch Points	Max. 50 Touch Points
Touch	Glass Thickness	3.0mm	3.0mm (Anti-Glare)	3.2mm (Anti-Glare)	3.0mm (Anti-Glare)	4.0mm
	Response Time	10ms	5ms	5ms	5ms	5ms
CreateBoard Studio LG CreateBoard Share LG Connected Care			LG	CreateBoard Lab, LG CreateB	oard Share, LG Connected	Care

AI

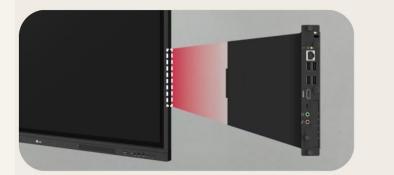


LG CreateBoard

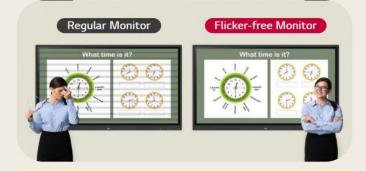
Key Features



QR Login for Easy Cloud Access



Built-in OPS Slot



Advanced Eye-Care



Smart Viewing (Multi Window, PIP)



Front Connectivity Design



Power Saving







Key Features



File sharing

Class materials and teacher notes can be shared across multiple devices, allowing students to focus more during class without having to waste time taking notes.



Wireless screen sharing & Remote Control

You can share your screen by using LG CreateBoard Share. (Two-way sharing between electronic whiteboard and mobile devices is possible.) The presenter can remotely advance presentation slides from anywhere in the room and conveniently transfer photos/videos stored on the device for a smooth presentation

* Web-based (non-identical network) screen sharing service will be provided for a fee. * In the case of CreateBoard Share, up to 9 screens can be transmitted simultaneously.



Airplay Support

LG CreateBoard supports Airplay in addition to its own Sharing solution (LG CreateBoard Share), allowing users with Apple devices to conveniently share their screens.



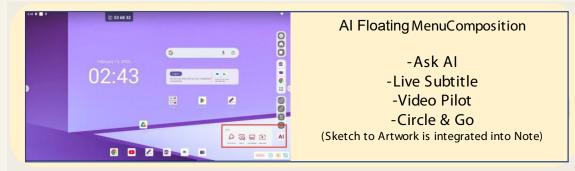
About LG

LG CreateBoard

Preview AI Solution



Ask eLGi



AI Solution @ Circle & Go

Do you have any questions about the information displayed on the screen? Use the Circle & Go function and AI will find the relevant information for you.



AI Solution @ Video pilot

eLGi not only provides basic automatic captioning for videos, but also summarizes the videos, so you can focus on the video without worrying about taking notes.



AI Solution ① Ask eLGi

If you have any questions or need additional information while using it, please use Ask eLGi. Your personal AI assistant is always ready to support you.

AI Solution (3) Live subtitle

Do you need to communicate in multiple languages? eLGi provides real-time interpretation in multiple languages. Don't worry.

Detecting voice	(US) 🖬 (
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Ask Al

Hello! Ask me a question to get started

AI Solution (5) Sketch to Artwork

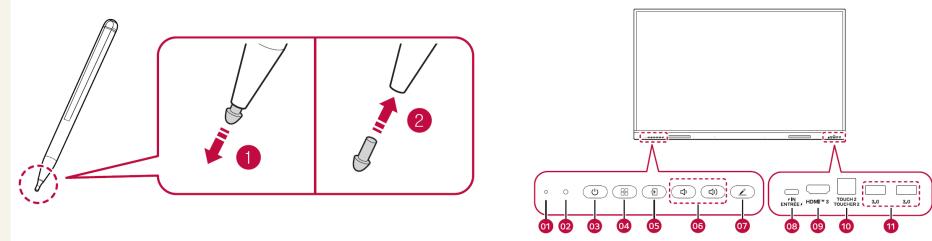
It turns simple sketches into artwork. It also converts handwriting into digital text and provides related discussion topics when you give it a topic.







LG CreateBoard TR3BQ



No.	Name	Explanation
01	Light sensor	Sense ambient light to adjust backlight for appropriate brightness, it can be switched in the menu.
02	Remote control signal receiver	Receive remote control signal.
03	(Power)	 Power on: Press the power button to start the device. Power off: Long-press the power button to enter power-off options. Standby mode: Short-press the power button to put the device in standby mode.
04	(Menu)	Quick access to the device's main menu. • Enter main menu: Press the menu button to quickly access the main menu for settings or function selection. • Close menu: Press the menu button again to close the main menu.
05) (Input)	Quick switch between input sources. Input source menu: Press the input source button to display the input source selection menu for quick switching between different signal sources. Quick switch: Directly select the desired input source (e.g., HDMI, VGA) from the input source menu.
06		Adjusts the volume level.
07	<u>/</u> (Mark)	Quick access to the annotation function. • Invoke annotation: Press the mark button to quickly enter annotation mode. • Screenshot: Long-press the mark button to take a screenshot.

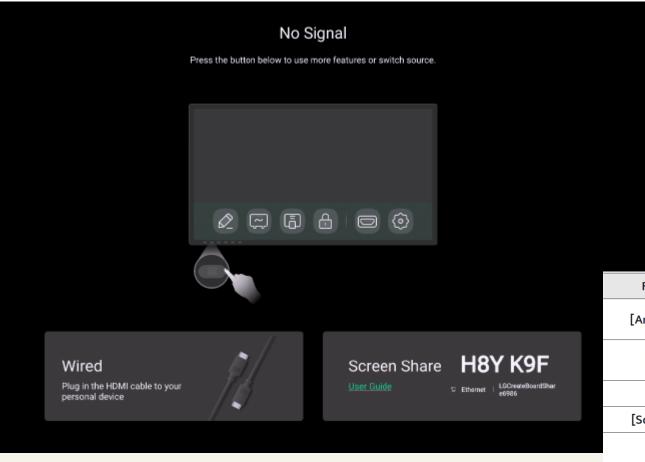
Connecting via USB Type-C Cable

You can also transmit audio and video signals using a USB Type-C cable.

Once connected via a USB Type-C cable, you can control the Interactive Digital Board via touch input from an external PC and vice versa. Moreover, this cable supports a maximum power output of 65 W, allowing for quick charging of your laptops or mobile devices without the need for a dedicated charger.



LG CreateBoard TR3BQ

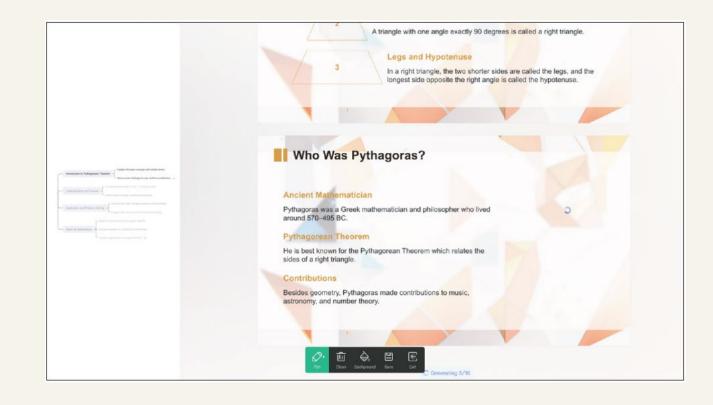


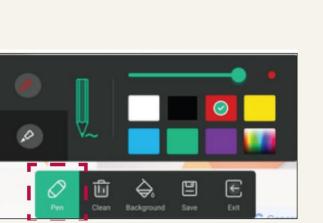
Function	Description
[Annotation]	Quickly launch the annotation function, suitable for writing and marking under any input signal source.
[Board]	Create a distraction-free writing environment, ideal for team collaboration and creative discussions.
[Cast]	Easily project the screen content from other devices onto the IFP.
[Screenlock]	Protect your device and data security.
[Input]	Quickly switch between different input signal sources.
[Settings]	Access detailed system settings options.

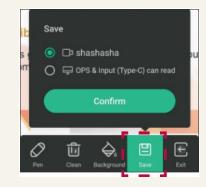




LG CreateBoard TR3BQ









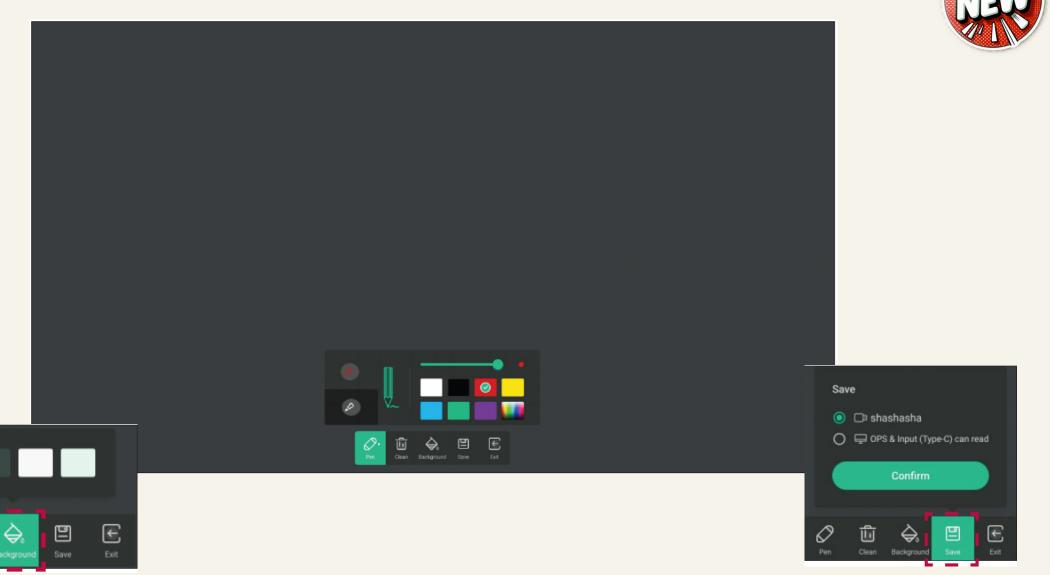


LG CreateBoard TR3BQ

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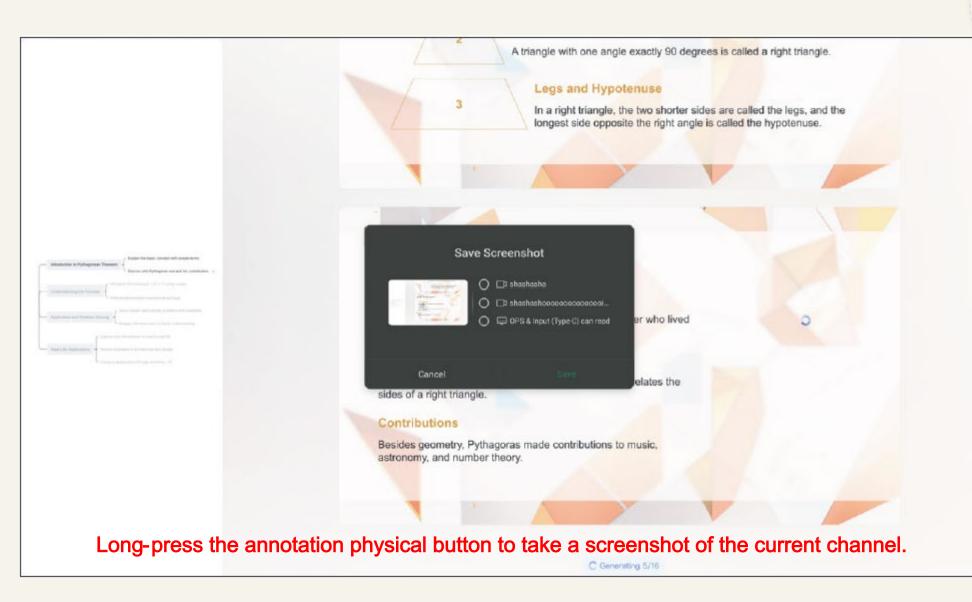




About LG

LG CreateBoard

TR3BQ

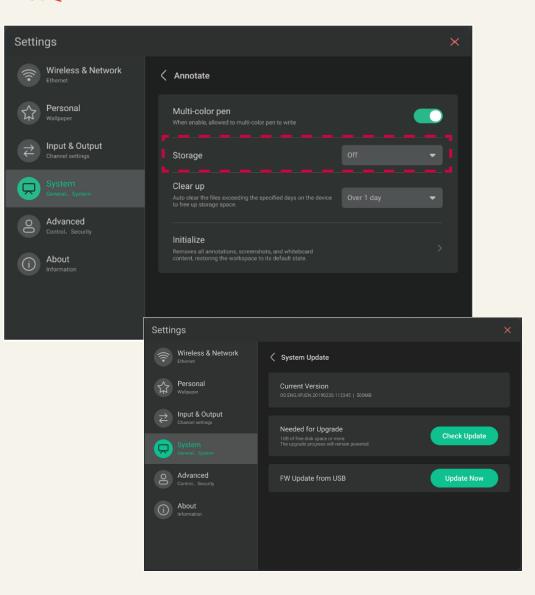


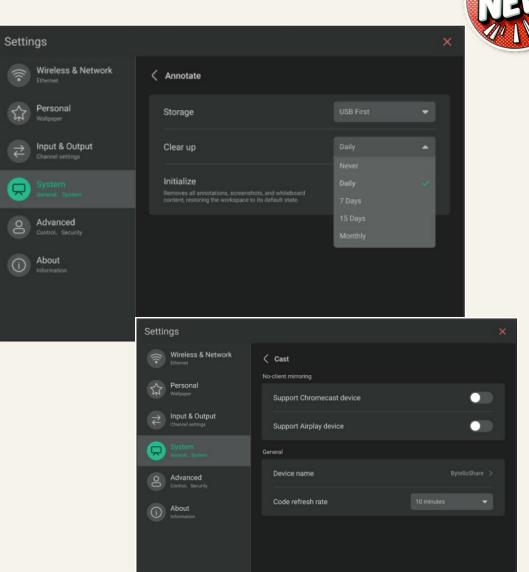


About LG



LG CreateBoard







About LG

LG Business Solutions



Software Solutions LG ConnectedCare DMS Cloud

Key Features

Monitoring

- Dashboard
- Thresholds / Email Notifications
- Issue Management

Device Control

- Remote Control
- Multi Device Control
- Broadcast / Alert Message
- Scheduling
- Cloning Setting Data
- File Box





LG CreateBoard

LG ConnectedCare DMS Cloud

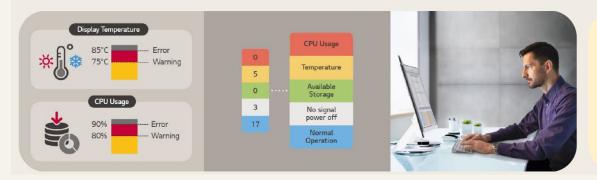
What is LG ConnectedCare ?

LG ConnectedCare 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.

Remote-control / Scheduling

In addition to simple manipulation functions such as power on/off, scheduling, brightness, it also allows sending messages and broadcasting within the school (video, live streaming).

You can also use real-time remote control to solve device problem or any kind of support wherever you are.



Threshold Settings

(?)

Broadcasting - Send alert messaging and announcements

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.

Issue Management

Remote issue management can be carried out by the LG ConnectedCare DMS solution.









Software Solutions LG ConnectedCare DMS Cloud

Alert Messages

In critical situations such as fire drills or school lockdowns, users can promptly transmit alerts to connected devices . These messages can be distributed across the system, guiding teachers and students on implementing necessary safety protocols.



* Users are required to register the URL generated by ConnectedCare DMS with the Singlewire solution.

* Singlewire (InformaCast) is a 3rd party solution that can notify your emergency and disaster situation to connected devicies real-time (Using U.S Federal Standard Protocol).

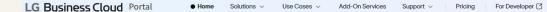
* CAP (Common Alerting Protocol) : The internationally recognized standard for emergency alerts and public warnings.



Software Solutions

LG Business Cloud







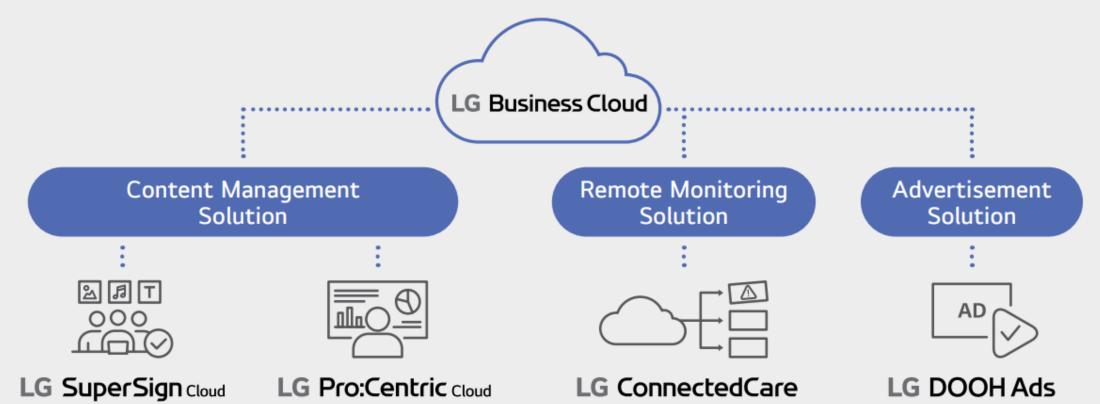
https://lgbusinesscloud.com/home/



Software Solutions

LG Business Cloud





https://lgbusinesscloud.com/home/



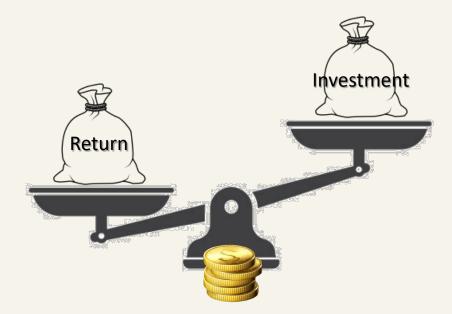


Software Solutions LG Business Cloud

Why Cloud?

Financial flexibility becomes even more important during periods of economic uncertainty. Companies always try to manage cash flow effectively, and avoid unnecessary expenses so that can adopt to changing market condition by flexible investments and resources.





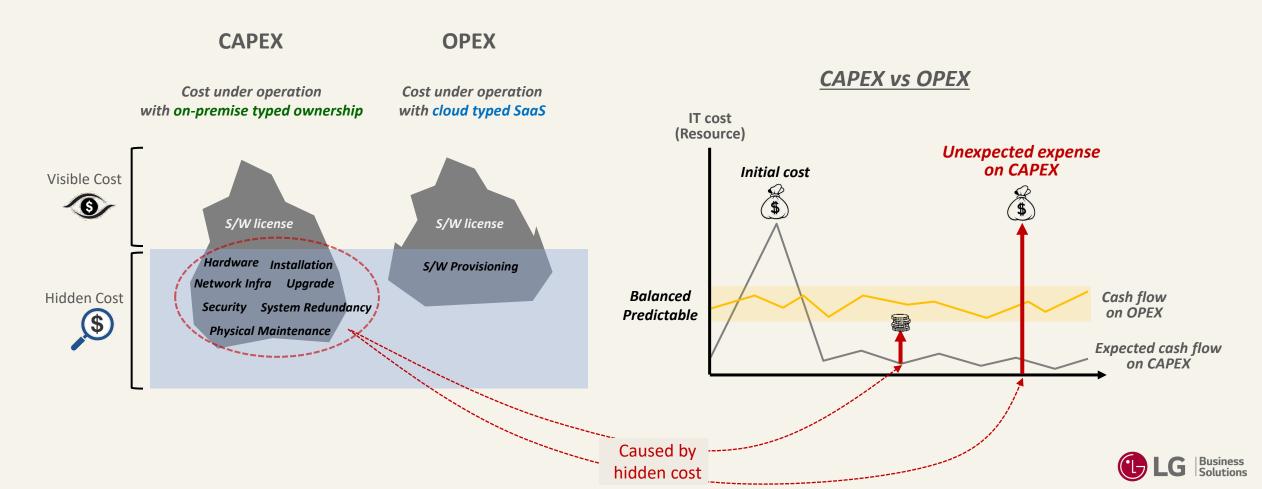




Software Solutions

Why Cloud? CAPEX vs OPEX

Do you consider "visible cost" and "hidden cost" both on your investment of IT cost?

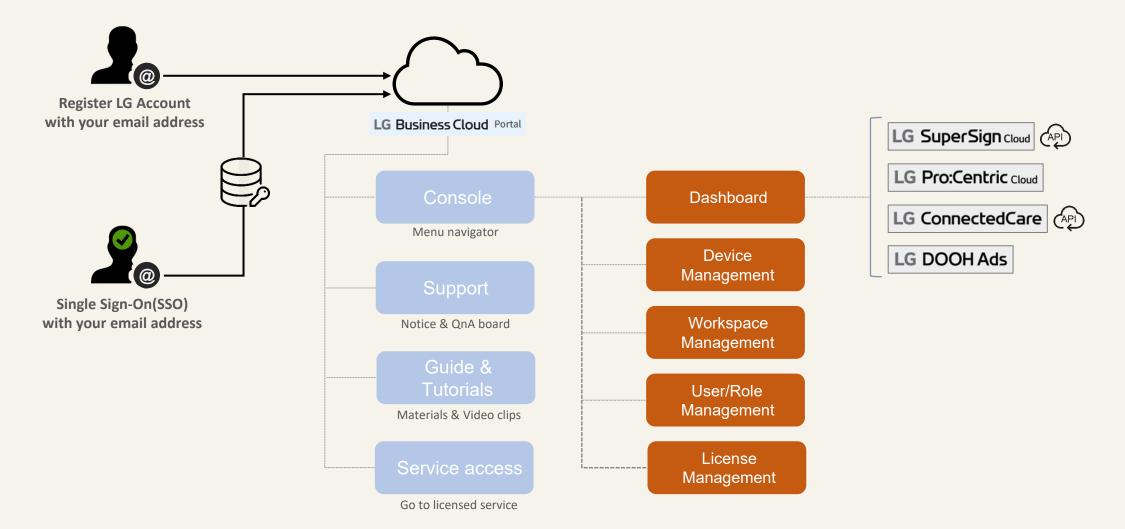


LGE Internal Use Only



Software Solutions

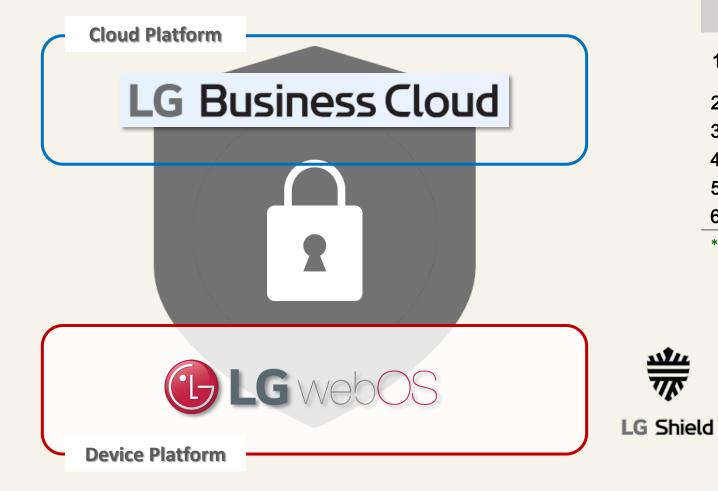
LG Business Cloud







LG Business Cloud



	Certification / Compliance on LGBC	Supported
1	Single SignOn (SSO)	✓ (SAML, OAuth2.0)
2	ISO/IEC 27001 Certified	\checkmark
3	ISO/IEC 27701 Certified	\checkmark
4	GDPR Compliant	\checkmark
5	CCPA Compliant	\checkmark
6	Web Accessibility Initiative(WAI)	\checkmark

* Vulnerability check result : All Pass

- CC EAL2(ISO/IEC 15408)
 - : webOS platform certified globally
- LG-SDL LG Secure Development Lifecycle
- : LG's internal software development process aligns with the latest global cyber security regulation

COPENCHAIN ISO/IEC 18974





LG Business Cloud

Protect your data

By using data center in ireland, a customers can use all AWS services to process personal data (as defined in the GDPR) that is uploaded to the AWS services under their AWS accounts (customer data) in compliance with the GDPR. In addition to our own compliance, AWS is committed to offering services and resources to our customers to help them comply with the GDPR requirements that may apply to their activities.





LG Business Cloud

LG will transform your business and allow you to experience the new level of creativity with Information Display signage based total solution collaborating with expert partner. LG will revolutionize the way you conduct business.





About LG

LG Business Cloud

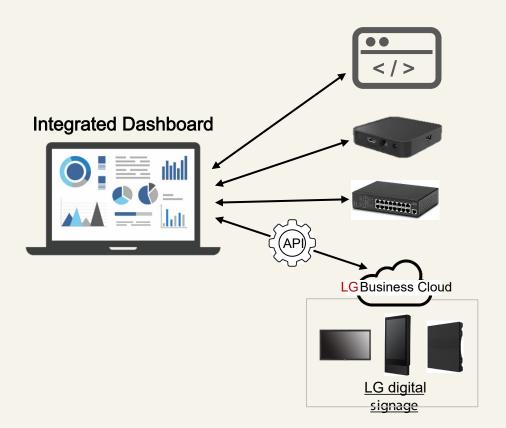
IT expert says,

"We already have integrated dashboard platform to manage all of devices from multi vendors as well as various solution. So we just need API integration with your service."



LG Business Cloud provides API feature set to make integration with your customizable option. Several global companies are using

LGBCAPI service to integrate with their existing platform.







Software Solutions LG Business Cloud



Automatically create AI images based on a prompt . This AI feature also enables image editing capabilities to edit and resize them.

Create an image of a grilled sandwich with cheese, vegetables, and bacon, cut in half and stacked on a wooden cutting board.

Prompt



Output a newly created image based on prompt



Outpainting to expand image content with the original image

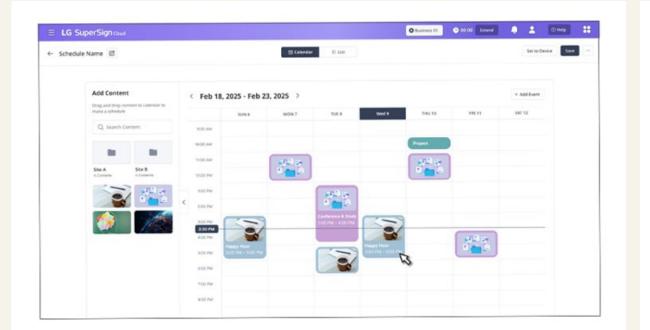


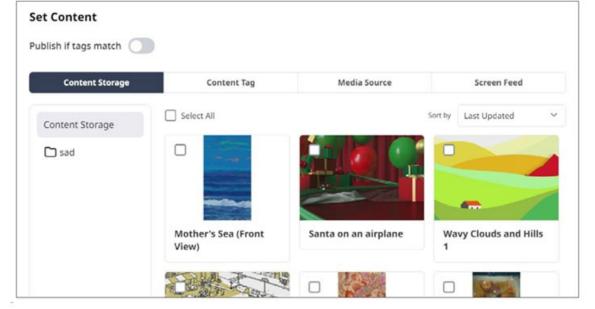
LGE Internal Use Only



Software Solutions

LG Business Cloud





Drag & Drop Schedules

Set to Device / Set Content

Convenient to add content to calendar from content storage by drag & dropuick and easy to deploy by specifying only the device and tent without any additional settings



LGE Internal Use Only



Software Solutions

LG Business Cloud



Publish IF Tags Match

Available to selectively deploy content matched to eachevice basedon tag settings

Available to automate content deployment and deviceontrol by setting trigger conditions

Rules Setting





LG SuperSign Cloud is compatible with LG Signage supported by webOS 4.0 and above, as well as multi OS (Android, Windows OS), and provides Virtual Screen (Web player) which enables to publish the content for any device that runs web browser.



1) To use 'Multi OS', SuperSign Cloud Player must be installed before use.

2) The applicability of the solution may vary by product. Please check with your local sales for confirmation.

3) The user can publish content on the devices offered with a web browser via a virtual screen based on web player.



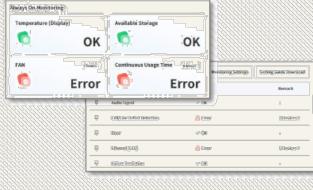
LG Business Cloud





2 Issue Detection

It monitors real-time status values that can potentially cause device malfunctions and alerts when abnormal values are detected.



3 Analysis Report

It also provides easy-to-read reports that give an overview of device operation trends.

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Less Downtime Minimize down time with constant monitoring



Save the Cost

IT managers and SI companies can reduce dispatch time and cost through direct setting remotely



LG Information Display

Information & Downloads

Website (Global)

https://www.lg-informationdisplay.com

Product Information Datasheets 2D Technical Drawings LED Configurator OLED Configurator Video Wall Configurator Reference Cases

Partner Portal (Registration)

http://partner.lge.com/gateway.lge

Solution Softwares Firmwares Manuals Installation Guides 3D C AD Drawings

Compliance Information

https://www.lg.com/global/support/cedoc/cedoc

C E Doc Energy Labels





Life's Good.



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