

2022 EUROPE

LG LED Signage

Commercial Displays and Solutions



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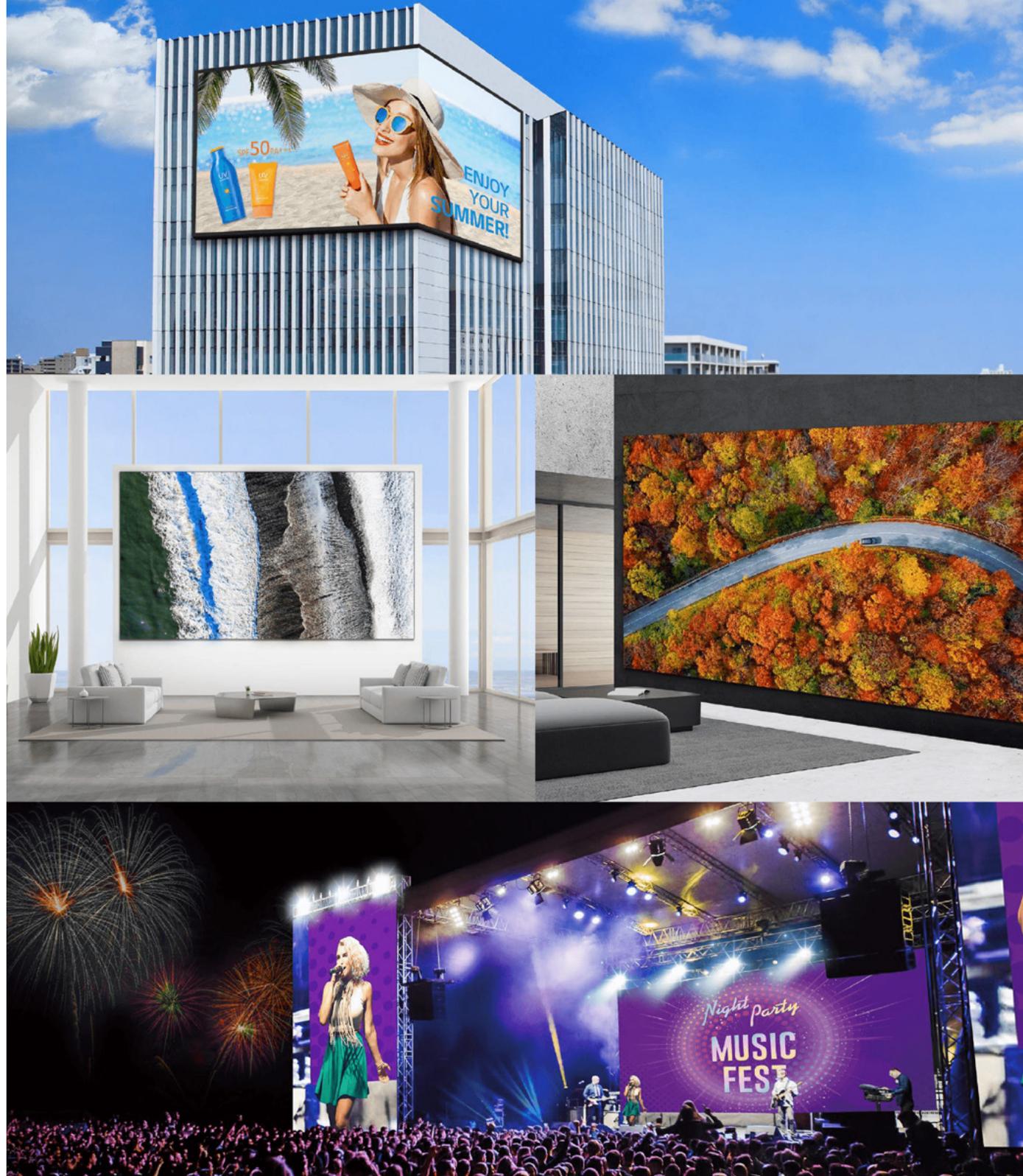
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* All images are intended to help you understand, and there may be some differences in practical use.

Extraordinary clarity. Endless applications.

LG LED displays boast unparalleled visual fidelity, flexible designs and high durability.

Our expanded range of industry-leading display technologies open new worlds for viewers. From indoor spaces to stadiums, LG Information Display products create everlasting impressions.



Why choose LG?

From the displays themselves to our unbeatable service, LG Information Display products are designed to make life easier. You can rely on us for superior quality, flexibility and user-friendly features.



Proven technology, built to last

LG Information Displays are reinforced with robust and reliable technologies that are built to last. LG LED signage features protective coatings to fight off dust and humidity, superior anti-static and over 3,168 hours of cumulative product life testing - including extreme environmental conditions.



Easy to install

Make use of fast and cost-effective installations, even with customized designs. And for truly simple installations, the LG Indoor LED Curve series features innovative lightweight LED Display Modules, making handling and screen flatness alignment effortless compared to traditional LED signage.



Support at every step

With phone and web chat, tutorials, repairs, and parts-on-demand, LG Information Display is always on hand to ensure your displays catch attention. Plus, extended warranty, authorized engineers and a Next Business Day Service Team come as standard with LG ExtendedCare.



Effortless to maintain

Our simple displays offer pain-free maintenance; options include front serviceability and lightweight cabinets. Plus, with LG ConnectedCare, you gain access to our cloud-based display monitoring - we'll keep tabs on your displays for diagnostics and remote servicing.



Power through simplicity

User-friendly and intuitive controls make our powerful displays simple to use. Plus, displays compatible with LG SuperSign CMS gain access to powerful all-in-one content management technologies, including simultaneous editing and scheduling of commercial displays.



Unbeatable visual fidelity

All LG LED products offer vibrant images and unbeatable clarity from our best-in-class panels, creating an immersive viewing experience from any distance or angle.

LED LINE UP



* The image above may differ from the actual appearance.

Indoor Ultra Slim Series

LSCB | P1.25 P1.56 P1.88 P2.50

- Pixel Pitch: 1.25mm
- Brightness: 800cd/m
- Ultra Slim Depth
- EMC Class B, BS 476 Part7 Class 1

* Based on LSCB012 Specification



Indoor LED LWBC Series

LWBC | P2.60 P2.98 P3.91

- Pixel Pitch: 2.60 mm
- Brightness: 3,500 nit
- Slim Bezel
- Long-lasting High Performance
- Quick Lock & Flip Design
- Front or Rear Serviceability

* Based on LWBC026 Specification

Indoor LED LSAC Series

LSAC | P2.5

- Pixel Pitch: 2.5mm
- Brightness: 600 cd/m
- Cable-less Signal Transmission & Power Docking
- Alpha 7 Intelligent Processor
- Real-time ConnectedCare Service

* Based on LSAC025 Specification



Indoor LED LSBB Series

LSBB | P0.94 P1.25 P1.56 P1.88

- Pixel Pitch: 0.94 mm
- Brightness: 600 nit
- Status Indicator of Signal Detection
- Front Serviceability
- Easy-handling Lightweight Cabinet
- Compatibility with LG Software Solutions

* Based on LSBB009 Specification

Indoor LED LFCG Series

LFCG | P3.91

- Pixel Pitch: 3.91 mm
- Brightness: 3,000 nit
- High Durability
- Excellent Usability
- Easy Installation and Maintenance
- Interactive Touch Screen

* Based on LFCG039 Specification



Indoor LED LSBC Series

LSBC | P1.95 P2.60 P2.98 P3.91

- Pixel Pitch: 1.95 mm
- Brightness: 800 nit
- Vivid Color Expression Powered by HDR
- 90° Corner Installation Design Available
- Front or Rear Serviceability
- Compatibility with LG Software Solutions

* Based on LSBC019 Specification

LED LINE UP



Indoor LG MAGNIT Series

LSAB | P0.9 P1.25

- Micro LED Display
- Chip on Board Technology
- Pixel Pitch : 0.9 mm
- Brightness : 1,200 nit (Peak), 600 nit (Max.)
- Contrast Ratio (10 lux) : 150,000 : 1
- Cable-less Signal Transmission & Power Docking

* Based on LSAB009 Specification



Indoor LG LED Cinema

LADF | P3.3

- Pixel Pitch: 3.3 mm
- Screen Ratio: 4,096 x 2,160 (DCI-compliant)
- Brightness: 48 cd/m (DCI-compliant / Minimum)
- Contrast Ratio: 4,000 : 1 (Minimum)
- Compatibility with Dolby Media Server (IMS3000) & Dolby Atmos

* Based on LAD033F Specification

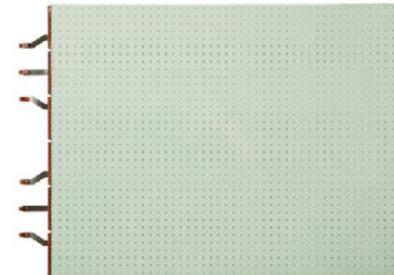


Indoor LG LED Bloc Series

LSAA | P1.25 P1.56

- Pixel Pitch: 1.25mm
- Brightness: 600 cd/m
- Cable-less Signal Transmission & Power Docking
- AI-powered Image Processor
- Real-time ConnectedCare Service

* Based on LSAA012 Specification



Indoor Transparent LED Film

LAT | P14.00 P24.00

- Pitch : 14mm
- LED Type: R,G,B 3in1 SMD
- Transmittance: 53%
- Curvature(concave and convex): 2,000R
- Self-adhesive Film

* Based on LAT140 Specification



Indoor LG LED All-in-One Series

LAEC (Smart) | 136"

- Pixel Pitch: 1.56 mm
- Screen Size: 136" (Full HD)
- Brightness: 500 nit
- Embedded System Controller
- Built-in Speaker
- Dedicated Accessories : Wall Mount, Motorized Stand (Optional)

* Based on LAEC015 Specification



Indoor Real Curve Series

LAPE | P1.5 P2.0 P2.5

- Pixel Pitch: 1.5mm
- Brightness: 1,000 cd/m
- Modular design
- Curvature(Concave/convex): Up to 1,000R
- High performance system controller
- Front and rear serviceability

* Based on LAP015E Specification

Compatible with **LG One:Quick** Share

LED LINE UP

Indoor Fine-pitch Series

LAS - F | P0.945 P1.26 P1.454 P1.575 P1.89 P2.52



* The image above may differ from the actual appearance

- Pixel Pitch: 1.26mm
- Brightness: 600cd/m
- 16:9 Aspect Ratio
- Lightweight Cabinet Design
- Front Serviceability

* Based on LAS012-F Specification

Indoor Curved Series

LAC | P2.5 P2.97 P3.91



- Pixel Pitch: 2.5mm
- 1,200nit High Brightness
- Design Flexibility
- IP30 Secured Design

* Based on LAC025DD4 Specification

Indoor Compact Series

LSBA | P2.50 P3.90



- Pixel Pitch: 2.5mm
- Brightness: 1,000 cd/m
- Contrast Ratio: 8,000 : 1
- Easy Installation and Maintenance
- Compatibility with LG Software Solutions

* Based on LSBA025 Specification

Outdoor Premium Series

LBS | P6.00 P8.00 P10.66 P12.00 P16.00



- Pixel Pitch: 6.0mm
- Brightness: 6,000cd/m
- Outstanding Visibility
- High Refresh Rate of 4,000Hz
- 16-bit Color Processing
- Reliable Weatherproof Design

* Based on LBS060DA4D Specification

Indoor Versatile Series

LSCA | P2.97 P3.91



- Pixel Pitch: 2.97mm
- Brightness: 1,000 cd/m
- Fast Assembly and Easy Maintenance
- Two Cabinet Options
- 90° Corner Option Available

* Based on LSCA029 Specification

Outdoor Premium Slim Series

LBS - V | P6.25 P8.333 P10.00



- Pixel Pitch: 6.25mm
- Brightness: 6,000cd/m
- Outstanding Visibility
- 16-bit Color Processing
- Slim and Lightweight Design
- Reliable Weatherproof Design

* Based on LBS062DA4-V Specification

LED LINE UP



Outdoor Essential Series

GSCC | P6.66 P8.00 P16.00

- Pixel Pitch: 6.66mm
- Brightness: 5,000 cd/m
- Fast Assembly and Easy Maintenance
- IP65 Weatherproof Design
- 90° Corner Option Available

* Based on GSCC066 Specification



Outdoor Stadium Series

LBB | P10.00

- Pixel Pitch: 10.00 mm
- Brightness: 6,000 cd/m
- Qualified for UEFA Criteria
- Quick Maintenance
- IP65 Weatherproof Design

* Based on LBB100DD3 Specification



Outdoor Versatile Series

GSCA | P3.91 P4.63

- Pixel Pitch: 3.91mm
- Brightness: 5,000 cd/m
- Fast Assembly and Easy Maintenance
- Two Cabinet Options
- IP65 Weatherproof Design
- 90° Corner Option Available

* Based on GSCA039 Specification

Outdoor Ultra Light Series

GSCD | P6.94 P10.41

- Pixel Pitch: 6.94mm
- Brightness: 5,000 cd/m
- Lightweight Design
- IP65 Weatherproof Design
- 90° Corner Option Available

* Based on GSCD069 Specification



1,000x500 (GN2)

LG webOS Smart Signage Platform

webOS is a web-based multipurpose platform in which a variety of web applications are deployed and implemented. It helps digital signage maximize interaction with customers by going beyond its conventional function of advertisement and information delivery, which ultimately serves as a partner to make your business thrive.



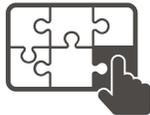
Built-in Player

Powered by high-performance SoCs, it plays content with superb video graphic performance, without the need for a PC. Eliminating the need to purchase peripherals and extra cost for maintenance makes installation simpler and reduces the TCO.



Web-Centric

Using the most common web programming languages, including HTML, JavaScript, and CSS offers familiarity when creating and adapting your applications for the webOS platform.



Simple Customization

Free from any constraints, you can simply add interactive applications or external sensors to webOS signage for a higher level of customer engagement.



Secured Communication

webOS ensures reliable communication between displays and web/data servers by supporting HTTPS and proxy servers.



Content Management

webOS offers an embedded content management system equipped with an intuitive GUI, meaning that first-time users won't have to go through a complicated learning process to manage their displays.



Monitoring and Control

Users can control and monitor the status of multiple displays in different locations in real-time, which is also available on internet-connected mobile devices, allowing you to rapidly respond to emergent situations.

webOS Player

Even if you don't have an LG webOS-based signage or an old version of webOS signage, you can make full use of the benefit of webOS platforms by purchasing only a webOS player. The LG webOS player, WP400, upgrades your signage to webOS 4.0, allowing your old digital signage to perform its best.



WP400

webOS Ver.		webOS 4.0
Player Dimension (W x H x D)		258 x 36.5 x 186 mm
Connectivity	Input	HDMI (2), DP, USB 2.0 (2)
	Output	HDMI, DP (Daisy Chain Only)
	External Control	RS-232C In / Out, RJ45 In, IR In
Key Feature		UHD Playback, Embedded CMS, SuperSign Compatibility

To Become a Partner

<http://webossignage.developer.lge.com/discover/our-partners>

LG is always on the success of our partners' business and keeps our minds open to achieve that success. The webOS Signage Developer Site is a significant part of this. Once you become authorized as a webOS partner, you can not only download the essential sources such as SDK, SCAP libraries, or sample applications, but also get answers and technical support from LG.

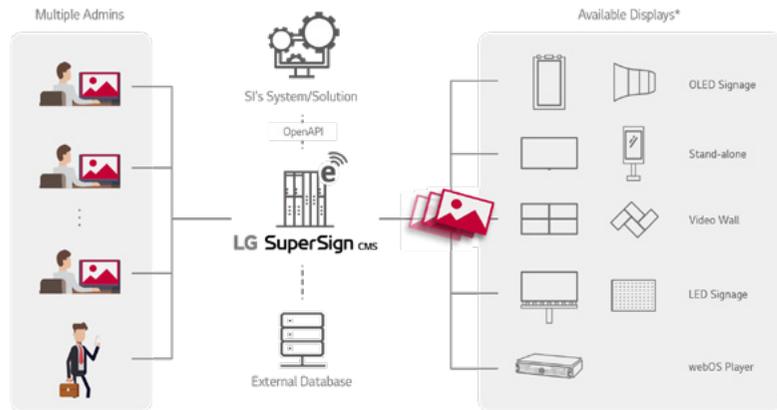
LG SuperSign

Software Solution

SuperSign CMS

Versatile content management with enhanced usability

A variety of LG digital signage, whether stand-alone, outdoor, video walls, or LED signage, can be simultaneously connected and seamlessly managed by SuperSign CMS, with a single server. Administrators are free from the restraints of managing various display types and installation places, and they can operate an array of displays easily using a PC or mobile phone. Going a step further, SuperSign CMS offers OpenAPI, which allows system integrators to consolidate their solutions with SuperSign features and easily optimize them for LG digital signage, expanding the scope of its possible applications.

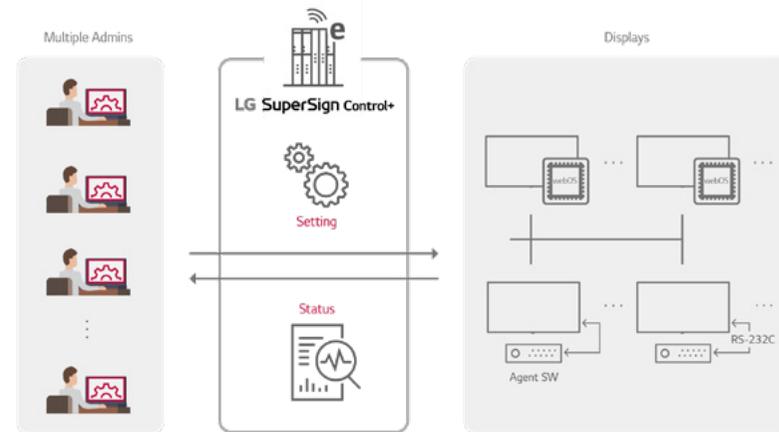


No. of Displays	~ 50	~ 500	~ 1000
Server Construction	Single Server	Single Server	Single Server
Recommended OS	Windows 7, Windows 8.1, Windows 10	Windows 7, Windows 8.1, Windows 10, Windows Server 2012 R2, Windows Server 2016	Windows 7, Windows 8.1, Windows 10, Windows Server 2012 R2, Windows Server 2016
CPU	258 x 36.5 x 186 mm Intel Core 2 Duo (2.5 GHz) or higher	Intel i7 or higher	Intel XEON E5-2676 v3 8 Core or higher
Memory	4 GB or more	4 GB or more	4 GB or more
HDD	40 GB or more of free space	40 GB or more of free space	40 GB or more of free space
Network Bandwidth	100 Mbps or higher	100 Mbps or higher	100 Mbps or higher
Browser	Internet Explorer 10 or later Chrome 50 or later	Internet Explorer 10 or later Chrome 50 or later	Internet Explorer 10 or later Chrome 50 or later

SuperSign Control+

Integrated Monitoring and Real-time Control

SuperSign Control+ is a remote control and monitoring software solution optimized for LG digital signage. It focuses on large scale deployment, supporting more than thousands of displays. Multiple accounts can access the SuperSign Control+ server via network to monitor the status of connected displays in real-time, control them, and adjust their setting values. As an ever-ready solution, it continuously monitors the status of displays and instantly sends out e-mail alerts to administrators when problems occur. Alerts and warnings can be customized according to various parameters such as power, fan and temperature as managers see fit.



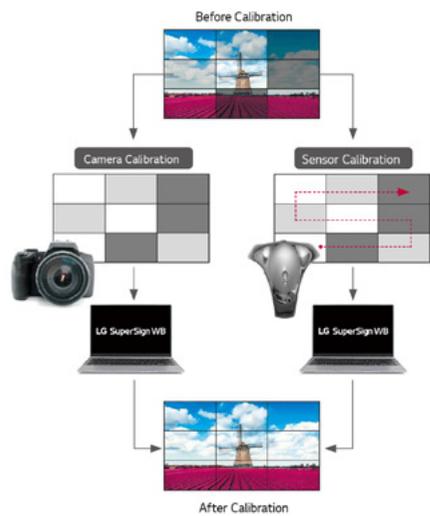
	SuperSign Control+ Manager	SuperSign Control+ Agent
Recommended OS	Windows 7 64bit Platform Windows 10 64bit Platform Windows Server 2012 R2 64bit Platform	Windows 7 Windows 10 Windows Server 2012 R2
CPU	Intel XEON E5-2676 v3 8 Core or higher	Intel Core 2 Duo (2.5 GHz) or higher
Memory	8 GB or more	4 GB or more
HDD	40 GB or more of free space	40 GB or more of free space
Network Bandwidth	100 Mbps or higher	100 Mbps or higher
Browser	Chrome 50 or later	N/A

LG SuperSign Software Solution

SuperSign WB

Achieve Superb Color Consistency

Delivering stable and accurate color among connected displays is a key factor in determining the picture quality of a video wall. SuperSign WB adjusts the white balance to achieve this purpose by supporting camera and sensor calibration. Camera calibration lets users save time and manpower due to a simpler process than traditional sensor calibration, but it can recognize up to 3 x 3 layouts. So sensor calibration is recommended when a video wall layout has an irregular shape or is beyond 3 x 3 tiling.



Camera Calibration

Camera	DSLR Camera, Nikon D5300, D5500, D5600
Lens	AF-S DX NIKKOR 18-55 mm F3.5-5.6G VR II
Tripod	Doesn't matter
USB	One available Camera to PC (USB) connect cable Recommended : USB extender cable 10M (32 feet)
RS232	One available RS232 to PC (USB) connect cable Recommended : RS232 Serial extender cable 10M (32 feet)

Sensor Calibration

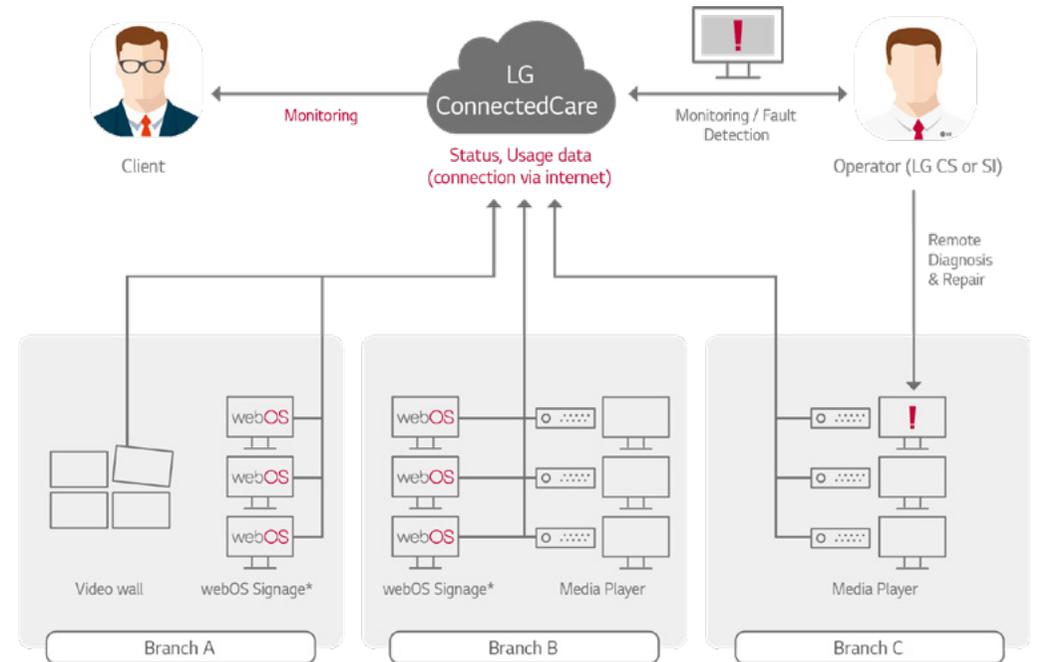
Supported Models	Spyder 3/4/5, i1 Display Pro, ACB8300, CA210/310
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- Camera calibration is restricted to video wall models in configurations of up to 3 x 3.
- For optimal calibration results, your camera and video wall must each be facing the front center of the other.
- Install your camera in a horizontal orientation. Positioning your camera vertically may cause monitor detection to fail, which will lead to improper calibration.
- Only video walls configured in a square formation can be calibrated. Irregularly installed video walls are not supported.

LG ConnectedCare

Real-time Monitoring and Fault Detection

LG ConnectedCare is a cloud service solution for remotely managing the operating status of signage displays installed in client workplaces. Through this service, causes of the fault can be easily identified prior to onsite visit, which leads to less time and cost for troubleshooting, ensuring the stable operation of a client's business.



* The versions of webOS and displays supported are currently being expanded. For further details, please contact LG sales in your region.

LG ExtendedCare Service

LG ExtendedCare

LG's true value begins after purchase. LG ExtendedCare plans offer you different levels of protection so that you can choose the perfect way to manage your digital signage.



Longer Warranty Brings You Relief

As digital displays become more advanced prices also increase. LG's extended warranty helps maintain your important asset in its best condition.



Problems Solved as Quickly as Possible

Our LG service team will reach you within Next Business Day depending on the coverage you select, thereby minimizing downtime and quickly getting things up and running again.



Leave It Up to Our Experts

Authorized and experienced LG service technicians will provide repair and reinstallation services so that you don't have to lift a finger.

White Glove Service with Quick Swap

Next Business Day Exchange

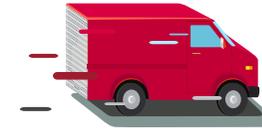
Authorized LG technicians will personally come to your location to exchange or deliver the product, providing an end-to-end service including deinstallation or reinstallation.



Quick Swap Service

Next Business Day Exchange

LG will ship replacement products for replacement directly to your location so that you can get your device up and running as soon as possible.



Extended Warranty Service

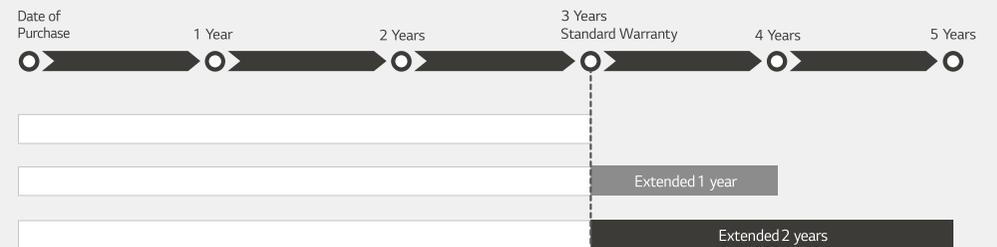
Up to 5 years

You can decide to add additional years to your existing warranty, to enjoy the fundamental care program provided by LG.



Term Option

Standard Monitor Signage



• With commercial TV 3 years can be added to the standard 2-year warranty to cover a maximum of up to 5 years.

* The information above is based on general standards. Please note that terms & conditions may vary from country to country.

* Replacement products may be new, reconditioned, refurbished or otherwise factory remanufactured.

* The information above is based on general standards. Please note that terms & eligible products may vary from country to country.

LED in Action

LG Information Display LED provides robust performance and incredible image quality - no matter the environment.

Stadium

Wembley Stadium, United Kingdom

Fans of the UEFA Euro 2020 in London were the very first to experience LG's LED digital signage installed above the main entrance of Wembley Stadium, connected by EE. LG's advanced digital signage was the stadium's most significant upgrade in decades as it welcomed sports fans back as a host of key matches and the FA Community Shield, the traditional curtain-raiser to the English football season.

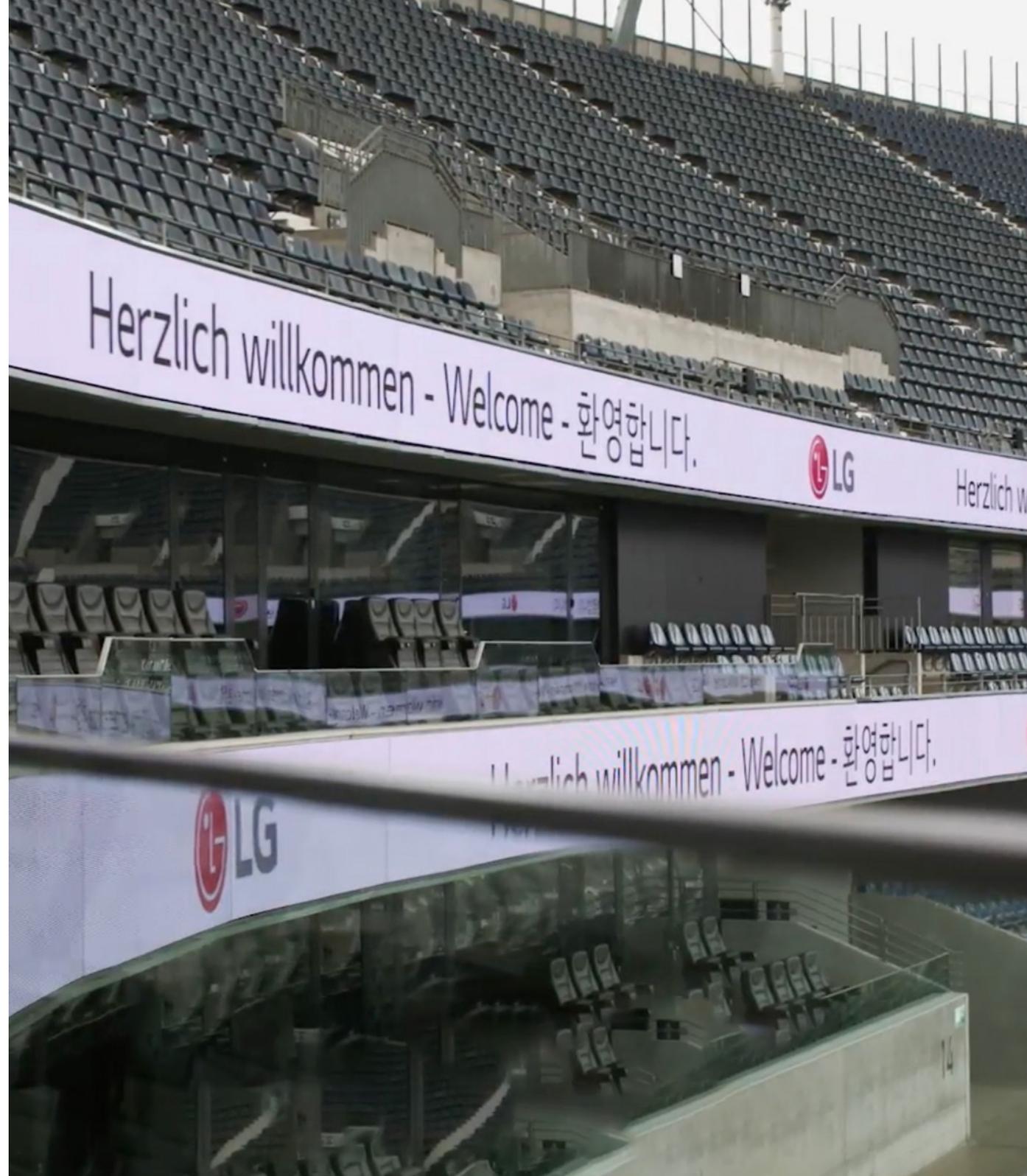
"Wembley Stadium is an iconic venue which plays host to some of the world's biggest sporting events and entertainment acts," said Liam Boylan, Wembley Stadium Director. "We're always looking to improve the audience experience and that's why we're excited to add LG's LED High Brightness signage to our facility."



Stadium

Eintracht Frankfurt Stadium, Germany

LG LED displays played a pivotal role in modernizing the Deutsche Bank Park stadium. Close-ups of the action and sponsorships are brought to life with a state-of-the-art video cube adorning the stadium's centre and crisp upper-tier LED boards and ribbons.



Outdoor

Paris Ring Road, France

ExterionMedia made the most of their unique opportunity to install outdoor displays in the heart of Paris. Needing a flexible partner with exceptional products, Exterion chose LG Information Display to help install 27 screens in 15 days.



Corporate

Microsoft, Belgium

Office environments are changing faster than ever: increased collaboration and virtual meetings mean the need for crisp interior displays is growing. To share a truly immersive and high-resolution experience, Microsoft opted for a 190-inch LED display in their EU Government Affairs office.

