*All images in this datasheet are for illustrative purposes only.
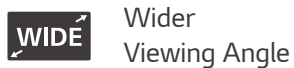
Video Wall VSM5J

0.44mm Even Bezel Video Wall

| Ultra-Narrow Bezel | **WIDE** Wider Viewing Angle | Easy Color Adjustment | Efficient Operation |

* The 0.44mm even panel bezel and 0.88mm BtB size(borderless type, no metal bezel) have been verified by Nemko, a global institution that tests and certifies electrical equipment.
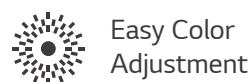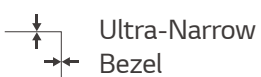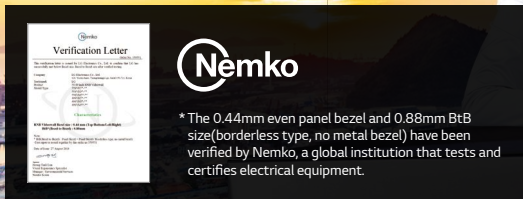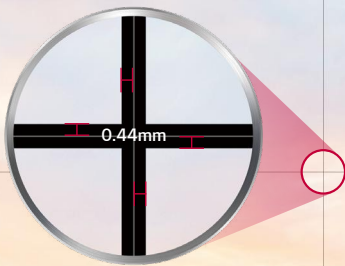
Groundbreaking 0.44mm Even Bezel

The unprecedented razor-thin bezel – 0.44 mm EVEN BEZEL and 0.88 mm BEZEL TO BEZEL – which has been verified by Nemko*, makes content look like the actual original image by depicting a subject perfectly true to form, without any distortions. Seamlessly assembled on a large video wall screen, the VSM5J series will provide an even more immersive experience to viewers.

VIVID AND DYNAMIC PICTURE QUALITY

50°* High Viewing Angle

Higher Viewing Angle

Large screens are usually positioned higher than human-eye level, making uniform picture quality essential for video walls. The viewing angle of the VSM5J series is high enough to display vivid colors throughout the screen with no distortion.

Wide Viewing Angle

It is well known that LG IPS panel technology enables better control of liquid crystals, which in turn allows the screen to be viewed from virtually any angle. Because of this, the VSM5J series captures the attention of and captivates more viewers with lifelike colors, regardless of their viewing position.

* Results based on in-house testing. Actual test results may differ depending on environment and measuring equipment.

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

VIVID AND DYNAMIC PICTURE QUALITY

Low Uniformity   90%* Uniformity
(VSM5J Series)

55SVM5F* Series   55VSM5J Series

Uniform Color Expression

Poor uniformity around bezel boundaries can give the corners a darker appearance, which doesn't look good on a large screen. However, the VSM5J series has enhanced uniformity, even within the four corners of the display, to deliver vivid and consistent color throughout the screen.
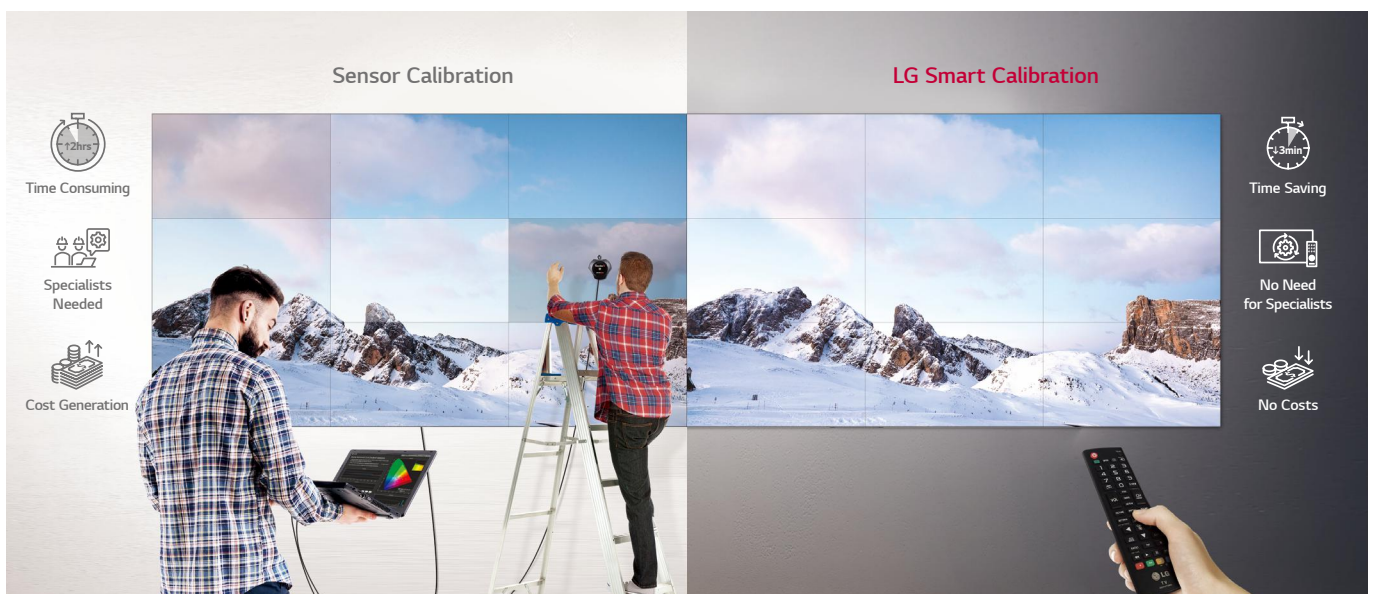
* Uniformity among 13 points of the screen. Results based on in-house testing. Actual test results may differ depending on environment and measuring equipment.

Image Gap Reduction

The VSM5J series includes an image improvement algorithm that can reduce image gaps among tiled displays when playing back videos. Objects located on the bezel boundaries are adjusted for a seamless viewing experience.

* The "55SVM5F series" refers to displays which do not include an image improvement algorithm.

Sensor Calibration   LG Smart Calibration

Time Consuming

Specialists Needed

Cost Generation

Time Saving

No Need for Specialists

No Costs

Smart Calibration

Smart Calibration is a solution that enables the reduction of time and costs compared to existing sensor calibration methods. It analyzes not only the color property differences within each individual display but also the differences between connected displays. With just few simple clicks of a remote control, this calibration process can be done in a matter of minutes. In addition, calibration can be set to automatically occur at regular intervals to always deliver optimum image quality.

* Depending on the user, after Smart Calibration the difference in the color can be felt. In this case, adjusting the desired color manually is recommended.

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

VIVID AND DYNAMIC PICTURE QUALITY

55SVM5F Series

55VSM5J Series
(Haze 28%)

Clear View with Non-glare Panel

Viewers can be annoyed by unnecessary light reflection when watching a screen under bright conditions. The VSM5J series has resolved such inconveniences by increasing the level of haze to 28%, which enhanced visibility and text readability.

POWERFUL SMART SIGNAGE PLATFORM

Content Playback

File Upload / Download
App Execution
Network Connection
Periodic Task

IP Video Streaming

Multi Video Tags

CSS Effect

High Performance and Great Scalability

Thanks to its built-in SoC and webOS smart signage platform, the VSM5J series can execute several tasks at once while providing smooth content playback without the need for a media player. As webOS supports HTML5 as a web-based platform and offers SDK (Software Development Kit), it is even easier for SIs to build and optimize their web apps.

* SDK can be downloaded with the link below.
 (https://webossignage.developer.lge.com)
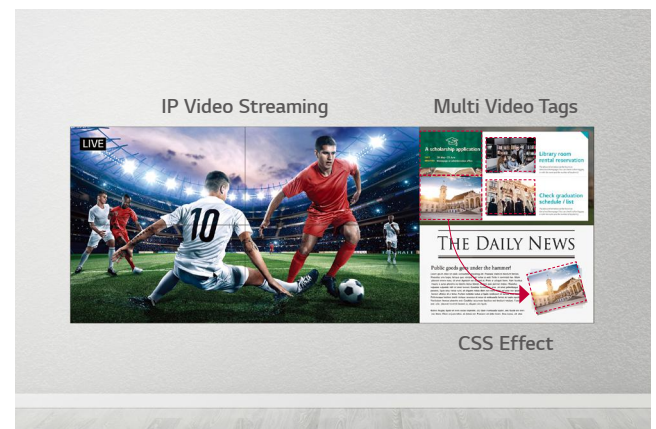
Flexible Content Creation

Four different videos can be played simultaneously via web apps, and various animation effects, such as scaling or rotating, are added to content using CSS (Cascading Style Sheets) transition effects. Real-time streaming* is also available, providing the flexibility to organize and diversify content free from capacity limits.

* Supported protocols : RTSP, RTP, HLS, UDP Multicast

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

USER-FRIENDLY SMART SIGNAGE UX
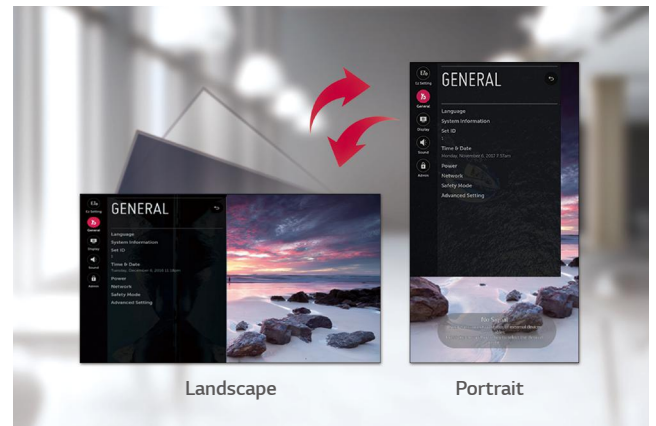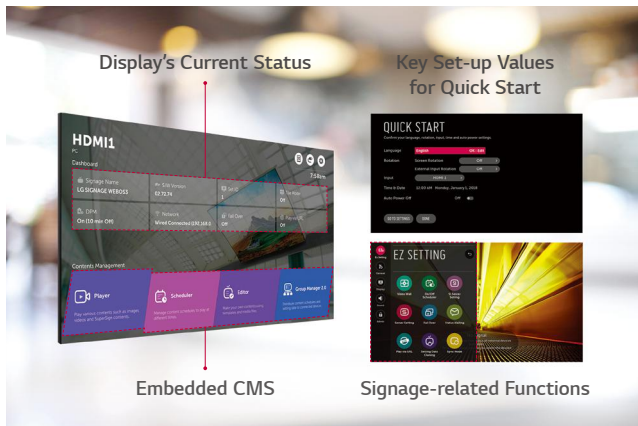
Intuitive Menu Structure

The menu structure has been optimized for commercial use. It simplifies approach flows and groups similar functions together, adopting a more intuitive GUI for ease of use. This way, users can avoid having to do trial-and-error when exploring desired functions and managing displays.

Dedicated GUI for Portrait Orientation

The conventional GUI (Graphic User Interface) was designed based on landscape-oriented consumer TV usage, so OSD (On Screen Display) wasn't well-suited for screens in portrait mode. The OSD of the VSM5J series, however, consists of a long range menu with bigger font sizes and a 9:16 ratio, creating a comfortable and efficient business environment.

USER CONVENIENCE
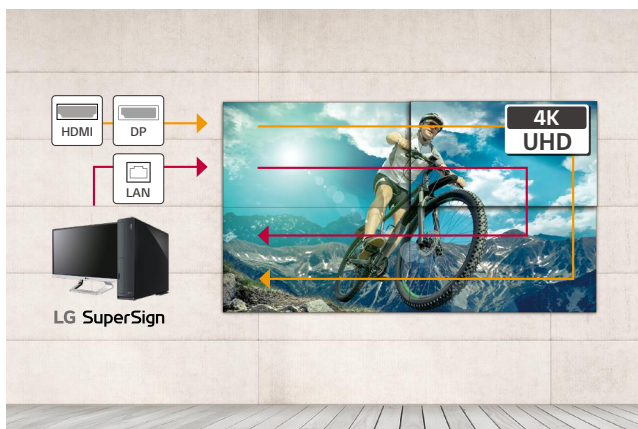
Daisy Chain Capability

A LAN daisy chain allows you to control and monitor video walls and even update their firmwares at once. Also, through UHD daisy chain using HDMI and DisplayPort, you can easily set up a UHD video wall without the need of DisplayPort MST or Matrox graphics card.
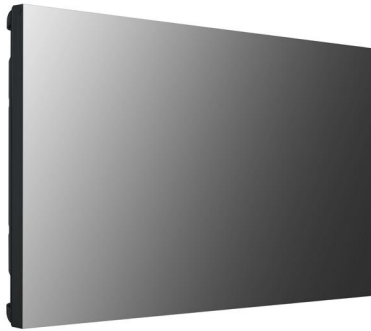

Real-Time LG ConnectedCare

Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

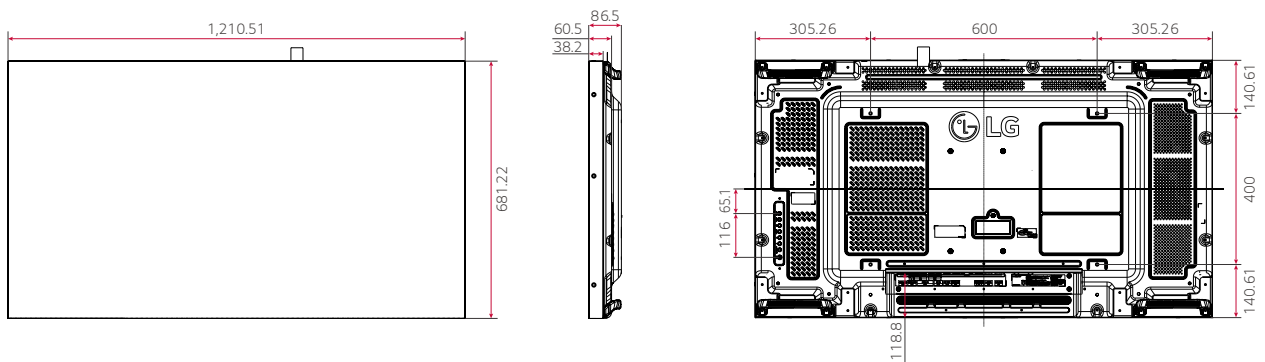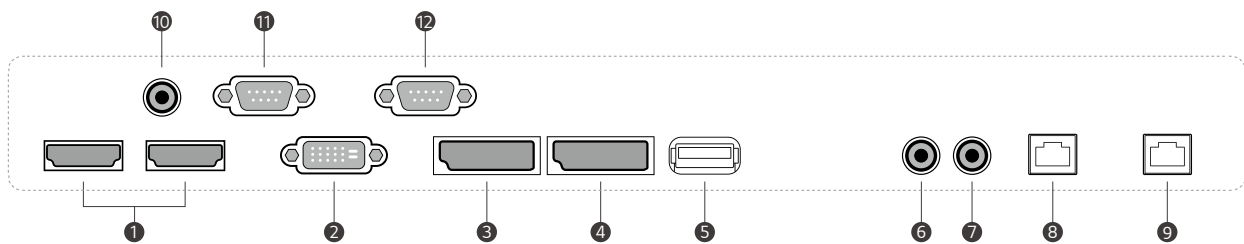* LG ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.

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

PRODUCT INFORMATION

VSM5J

Screen Size	55"
Aspect Ratio	16 : 9
Native Resolution	FHD (1,920 × 1,080)
Brightness	500 nit (Typ.)
Contrast Ratio	1,100 : 1

DIMENSION

(unit: mm)

CONNECTIVITY

❶ HDMI IN	❹ DP OUT	❼ AUDIO OUT	❿ IR IN
❷ DVI-D IN	❺ USB 2.0 IN	❽ LAN IN	⓫ RS-232C IN
❸ DP IN	❻ AUDIO IN	❾ LAN OUT	⓬ RS-232C OUT

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

LG | Business Solutions