

0.44mm Even Bezel Video Wall | 55SVM5F-H

0.44mm Even Bezel Video Wall with Clear & Flawless Vision

The 0.44mm Even Bezel Video Wall offers seamless view throughout the assembled large screen. Also, it offers clear and vivid picture under any bright circumstances by its non-glare screen.



Seamless Viewing Experience



Smart Calibration



Clear View with Non-glare Panel



webOS Smart Signage Platform

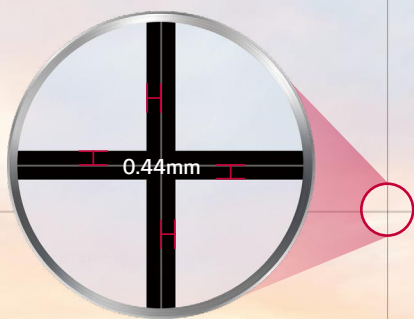


* All images are for illustrative purposes only.

SEAMLESS VIEWING EXPERIENCE

Groundbreaking 0.44mm Even Bezel

The unprecedented razor-thin bezel – 0.44mm EVEN BEZEL and 0.88mm BEZEL TO BEZEL – which has been verified by Nemko*, makes content look more actual by depicting a subject without any distortions. Seamlessly assembled on a large video wall screen, the 55SVM5F-H will provide an even more immersive experience for viewers.



Verification Letter

Nemko

* 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.

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.

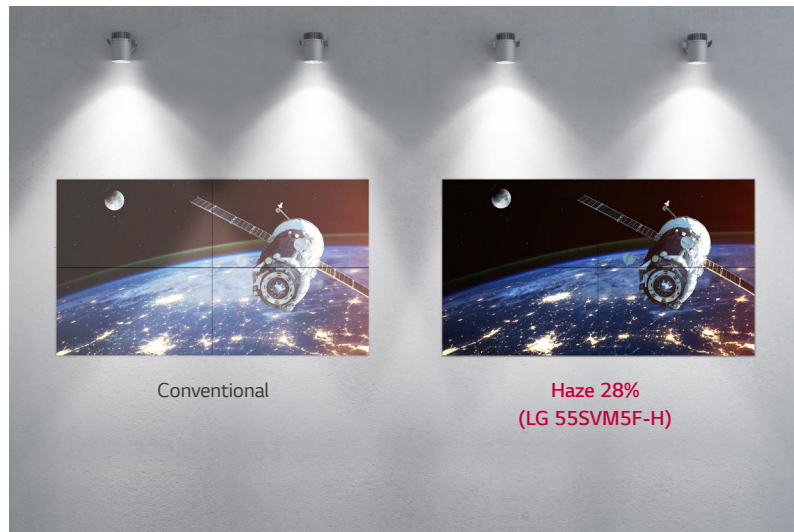
* Depending on the user, the difference in color can be felt after smart calibration. In this case, it is recommended to adjust the color manually.

The image is a side-by-side comparison of two calibration methods for a video wall. The left side, titled 'Sensor Calibration', shows a man in a plaid shirt standing next to a laptop, while another man in a red plaid shirt stands on a ladder adjusting a sensor on the video wall. The right side, titled 'LG Smart Calibration', shows a hand holding a remote control pointing at the same video wall. The video wall displays a snowy mountain landscape. The left side is associated with icons for 'Time Consuming' (clock with '↑ 2hrs'), 'Specialists Needed' (two people with a gear), and 'Cost Generation' (stack of money with an upward arrow). The right side is associated with icons for 'Time Saving' (clock with '↓ 3min'), 'No Need for Specialists' (remote with a gear), and 'No Costs' (remote with a downward arrow).

Method	Time	Specialists	Cost
Sensor Calibration	↑ 2hrs	Specialists Needed	Cost Generation
LG Smart Calibration	↓ 3min	No Need for Specialists	No Costs

Clear View with Non-glare Panel

Viewers can be annoyed by unnecessary light reflection when watching a screen under bright conditions. The 55SVM5F-H series has resolved such inconveniences by increasing the level of haze to 28%, which enhanced visibility and text readability.



Uniform Color Expression

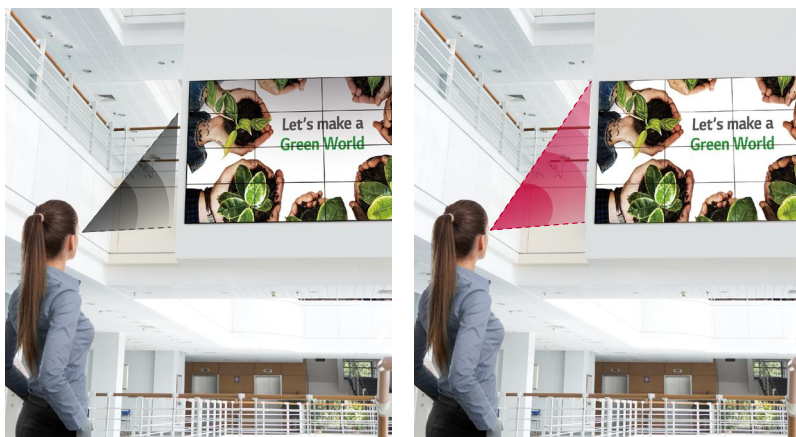
Poor uniformity around bezel boundaries can produce a dark appearance to corners, which doesn't look good on a large screen. However, the 55SVM5F-H has enhanced uniformity, including the four corners of the display, to deliver vivid and consistent color throughout the screen.



* Uniformity among 13 points of the screen. Results based on in-house testing. Actual test results may differ depending on environment and measuring equipment.

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 55SVM5F-H is superior to that of conventional video walls, allowing it to display vivid colors with no distortion – even in areas that are not suitable for large screens.



Low Viewing Angle
(Conventional)

50°* High Viewing Angle
(LG 55SVM5F-H)

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

Image Gap Reduction

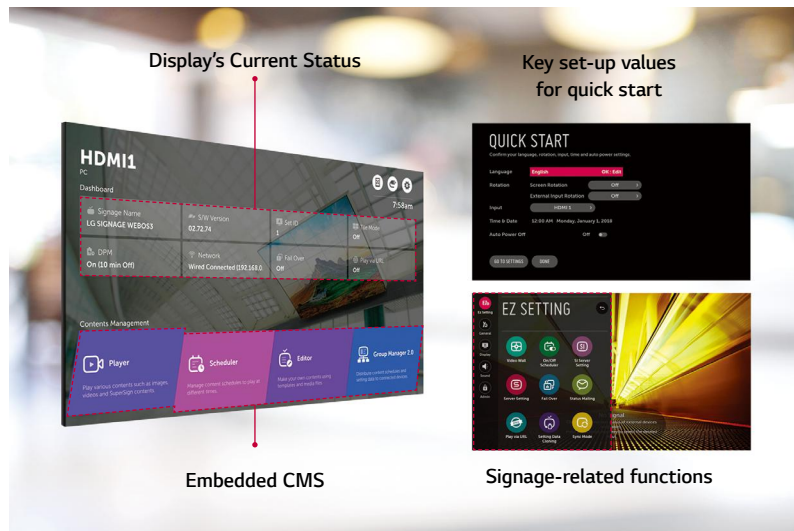
The 55SVM5F-H includes an image improvement algorithm that can reduce image gaps among tiled displays when playing videos. Objects located on the bezel boundaries are adjusted for a seamless viewing experience.



* The "Conventional" refers to displays which do not include an image improvement algorithm.

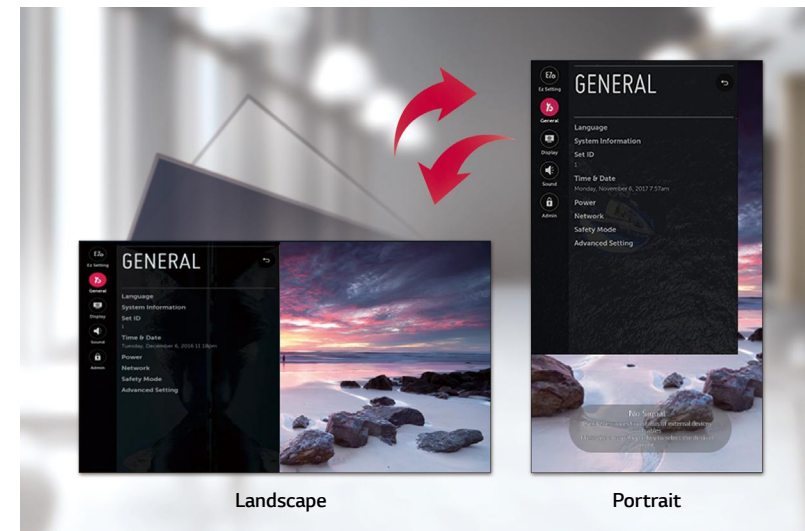
Intuitive Menu Structure

The menu structure has been optimized for commercial use. It simplifies accessibility and groups similar functions together, adopting a more intuitive GUI for ease of use. With this way users can avoid 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 55SVM5F-H, however, consists of a long range menu with bigger font sizes of 9:1 6 ratio, creating a comfortable and efficient business environment.



Real-Time Care Service

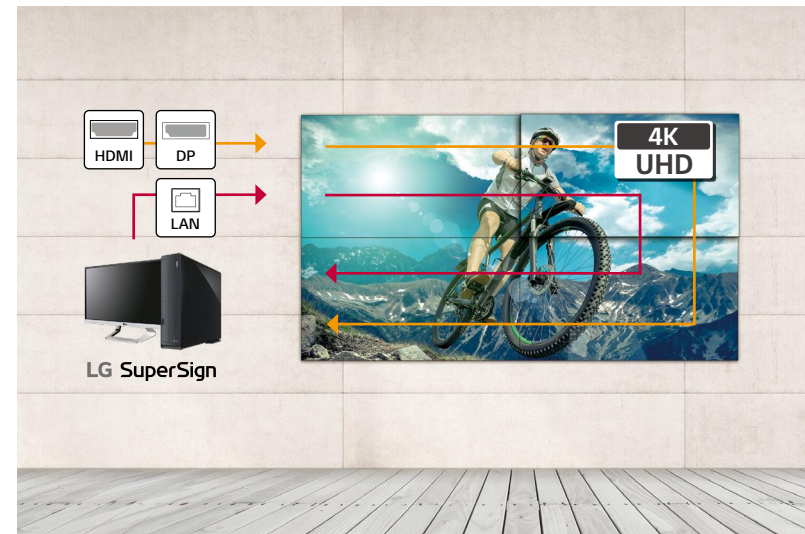
Easier and faster maintenance are available with our optional cloud service solution LG ConnectedCare*. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.



* The availability of "LG ConnectedCare" service can differ by region, so please contact the LG Sales representative in your region for further details.

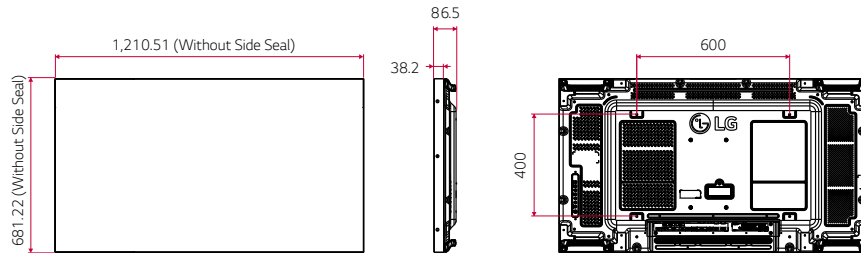
Daisy Chain Capability

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.



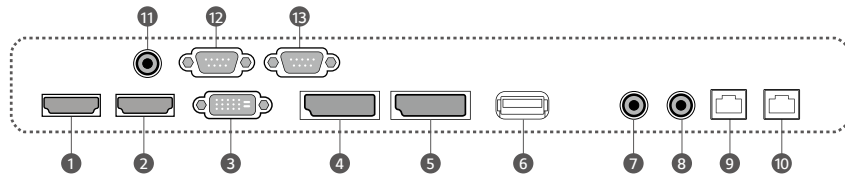
DIMENSION (unit: mm)

55"



CONNECTIVITY

55"



- ① HDMI IN 1
- ② HDMI IN 2
- ③ DVI-D IN
- ④ DP IN
- ⑤ DP OUT
- ⑥ USB 2.0 IN
- ⑦ AUDIO IN
- ⑧ AUDIO OUT
- ⑨ LAN IN
- ⑩ LAN OUT
- ⑪ IR IN
- ⑫ RS232C IN
- ⑬ RS232C OUT



SPECIFICATION

55SVM5F-H

Panel	Screen Size	55"
	Panel Technology	IPS
	Native Resolution	1,920 × 1,080 (FHD)
	Brightness (Typ.)	500 nit
	Contrast Ratio	1,100 : 1
	Dynamic CR ¹⁾	500,000 : 1
	Color Gamut	NTSC 72 %
	Viewing Angle (H × V)	178 × 178
	Color Depth	1.07 Billion Colors (10 bit)
	Response Time	8 ms (G to G)
	Surface Treatment	Haze 28 %
	Operation Hours (Hours / Day)	24 / 7
	Portrait & Landscape	Yes / Yes
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB 2.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 (LAN) In / Out, IR In
Mechanical Specification	Bezel Color	Black
	Bezel Width	0.44 mm (Even Bezel)
	Monitor Dimension (W × H × D)	1,210.51 × 681.22 × 86.5 mm
	Weight (Head)	16.8 kg
	Handle	Yes
	VESA™ Standard Mount Interface	600 × 400 mm
Key Feature	Internal Memory (8 GB), Temperature Sensor, Current Sensor, BLU Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected ^{®2)} , Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC ³⁾ , SI Server Setting, webBRT, Prodiom, W/B Setting by Grey Scale, Scan Inversion	
Environmental Conditions	Operation Temperature	0 °C to 40 °C
	Operation Humidity	10 % to 80 %
Power	Power Supply	AC 100 - 240 V ~, 50 / 60 Hz
	Power Type	Built-in Power
	Power Consumption	Typ. / Max. 200 W / 250 W BTU (British Thermal Unit) 682 BTU / Hr (Typ.), 853 BTU / Hr (Max.)
Certification	Safety	CB / NRTL
	EMC	FCC Class "A" / CE / KC
	ErP	Yes (EU Only)
Media player Compatibility	OPS Type Compatible	Yes (Piggyback)
Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, LG ConnectedCare ⁴⁾	
Accessories	Basic	Remote Controller, Power Cord, RS232C Cable, LAN Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual
	Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V), OPS Kit (KT-OPSF)
Special Feature	Smart Calibration	Yes

¹⁾The luminosity ratio of Full Black / Full White color on video input condition.

²⁾Network based control

³⁾Compatibility may differ by equipment.

⁴⁾The availability can differ by region.

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

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



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