

0.44mm Even Bezel Video Wall with External Power Supply

The 0.44mm Even Bezel Video Wall using LG's leading display technology, creates a truly seamless view with vivid color throughout the assembled large screen. Also, equipped with an external power box, it is more optimal for Mission Critical Environment, where continuous, stable and reliable power supply is required for 24 hours.



Seamless Viewing Experience



Power Redundancy Support



Smart Calibration

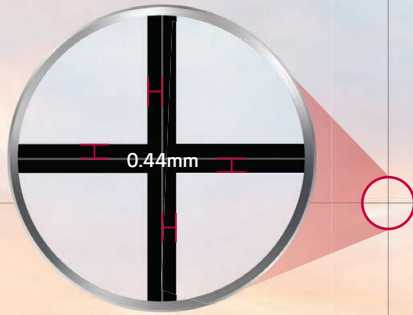


Clear View with Non-glare Panel



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 55SVH7PF-H will provide an even more immersive experience for viewers.



* 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.

Power Redundancy Support

The 55SVH7PF-H Series is designed to ensure uninterrupted power supply with external Power Supply Units, providing users with efficiency and continuous operation. The four power modules in the external power box are hot-swappable, and each module is reserved for power redundancy to eliminate downtime and display critical information unceasingly without power failure. Also, this capability enables you to examine power function and exchange power modules easily, increasing management efficiency.

* Power redundancy support is available in 'redundancy on' mode.

** An external power box operates up to 9 signage units in the length of 6 meter, and can extend 60 meter with 8 signage units operation.

Conventional
(Built-in Power)

LG 55SVH7PF-H
(External Power Supply)

Power Cable**

External Power Box
(LPLG001-FV)

Power Redundancy Operate
(in the event of Power Failure)

Smart Calibration

Smart Calibration makes it easier to calibrate the video wall than existing sensor calibration methods. It analyzes not only the color property differences of each individual display but also those of the connected displays, reducing/eliminating the need for any additional manual color adjustments. Because it can be done in a matter of using just a remote control, the process is simple. In addition, calibration can be set to automatically occur at regular intervals and brightness can be adjusted based on the surrounding environment, always delivering you the optimum image quality.



Sensor Calibration

LG Smart Calibration



Time Consuming



Specialists Needed



Cost Generation



Incomplete Calibration



Time Saving



No Need for Specialists



No Costs



Complete Calibration

Clear View with Non-glare Panel

Unnecessary light reflections can be annoying when watching a screen under bright conditions. The 55SVH7PF-H series has resolved such inconveniences by increasing the level of haze to 28%, which enhanced visibility and text readability.



Uniform Color Expression

In other screens, poor uniformity around the bezel boundaries can give the corners a darker appearance. However, the 55SVH7F-A 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.

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 55SVH7F-A is superior to that of conventional video walls, allowing it to display vivid colors throughout the screen without distortion – even in areas that are problematic for other large screens.



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

Image Gap Reduction

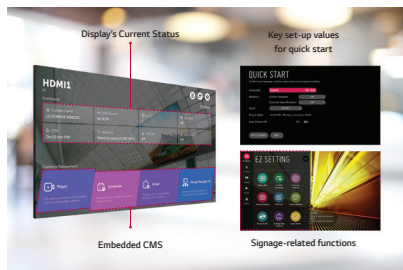
The 55SVH7PF-H includes an image improvement algorithm that can reduce image gaps among tiled displays when playing videos. Objects located on the bezel boundaries are adjusted for a seamless viewing experience.



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

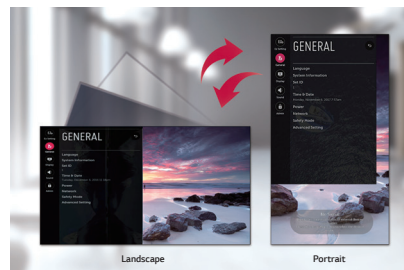
Intuitive Menu Structure

The menu structure has been optimized for commercial use. It simplifies accessibility and groups similar functions together, adopting a more intuitive graphical user interface 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 graphical user interface was designed for landscape-oriented consumer TV applications, so the on-screen display was not optimized for screens in portrait mode. This model optimizes the user interface in both landscape and portrait modes, providing larger fonts sizes in a 9:16 aspect ratio. This provides a more comfortable and efficient user interface for setting up and adjusting these screens in portrait mode applications.



Real-Time Care Service

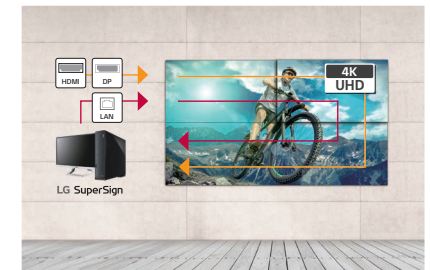
Easier and faster maintenance are available with our optional cloud service solution Signage365Care*. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.



* The availability of "Signage365Care" service can differ by region, so please contact the LG Sales representative in your region for further details.

Daisy Chain Capability

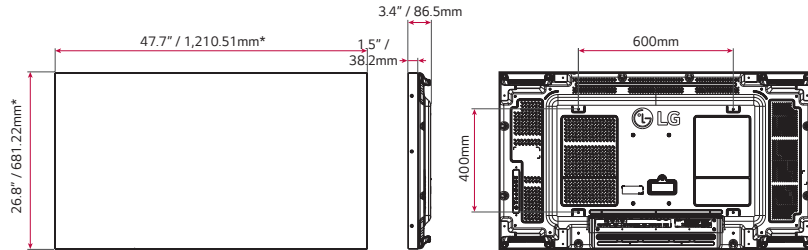
A LAN daisy chain allows you to control and monitor video walls and even update their firmwares at once. Also, through UHD daisy chain using HDMI and DisplayPort, you can easily set up a UHD video wall without the need of DisplayPort MST or Matrox graphics card.



DIMENSIONS

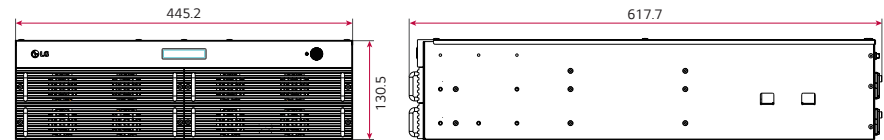
0.44mm Even Bezel Video Wall | 55SVH7PF-H

55"



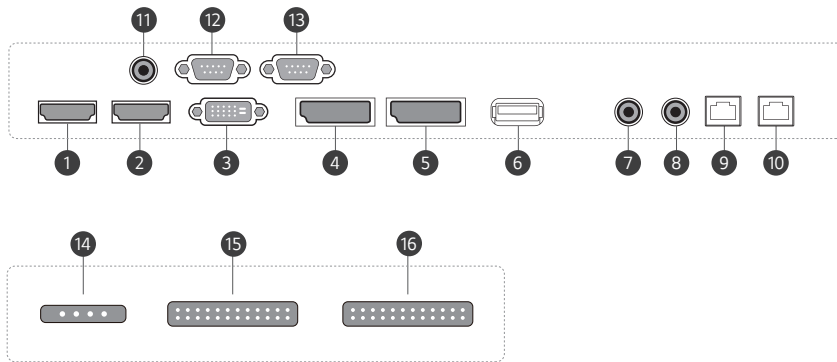
* Without side seal.

External Power Box (LPLG001-FV)



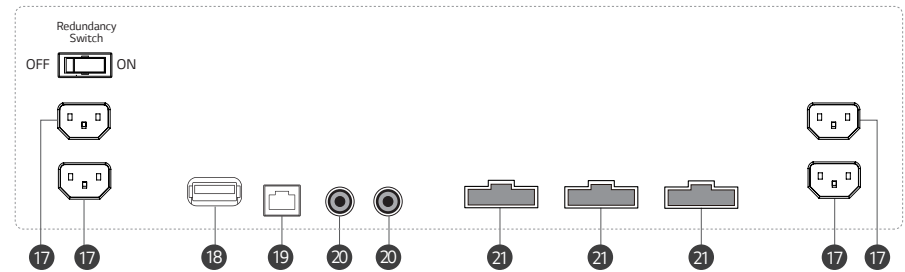
CONNECTIVITY

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

External Power Box (LPLG001-FV)



- 13 RS232C OUT
- 14 POWER IN
- 15 POWER-LOOP IN
- 16 POWER-LOOP OUT
- 17 AC-IN
- 18 USB 2.0 IN
- 19 LAN IN
- 20 RS232C IN (Phone jack type)
- 21 POWER OUT

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



55SVH7PF-H

Panel	Screen Size	55"	
	Panel Technology	IPS RGB	
	Aspect Ratio	16:9	
	Native Resolution	1,920 x 1,080 (FHD)	
	Brightness (Typ.)	700 nits	
	Contrast Ratio	1,200:1	
	Viewing Angle (H x V)	178 X 178	
	Response Time	8 ms (G to G)	
	Surface Treatment	Haze 28%	
	Life Time (Typ.)	60,000 Hrs	
	Operation Hours	24 Hrs	
Orientation	Landscape & Portrait		
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB	
	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)	
	Monitor Dimension (W x H x D)	47.7" x 26.87" x 3.4" / 1,210.5 x 681.2 x 86.5 mm	
	Weight (Head)	35.7 lbs / 16.2 kg	
	Carton Dimensions (W x H x D)	53.3" / 33.7" / 10.4" / 1,353 x 855 x 263 mm	
	Packed Weight	51.1 lbs / 23.2 kg	
	Handle	Yes	
VESA™ Standard Mount Interface	600 x 400 mm		
Key Feature	Internal Memory 8GB (System 4GB, Available 4GB), Temperature Sensor, Tile Mode (Up to 15x15), UHD Daisy Chain (Up to 10x10), ISM Method, DPM Select, DPM Wake Up, Smart Energy Saving, File Play with USB, USB Cloning, Contents Scheduling, Calibration Mode, PM Mode, HDMI-CEC*, Wake on LAN, Content Rotation, No Signal Image (Up to 5MB), OPS Power Control, Scan Inversion (with Pivot Mode)		
Environmental Conditions	Operation Temperature	32°F to 104°F / 0°C to 40°C	
	Operation Humidity	10% to 80%	
Power	Power Supply	-	
	Power Type	External Power Box (LPLG001-FV)	
	Power Consumption	Typ.	TBD
Max.		TBD	
Certification	Safety	TBD	
	EMC	TBD	
	ErP / Energy Star	TBD	
Media player Compatibility	OPS Type Compatible	Yes (Piggyback)	
	External Media Player Attachable	Yes (MP500 / MP700)	
Software Compatibility	Content Management Software	SuperSign CMS	
	Control and Monitoring Software	SuperSign Control / Control+	
Accessories	Basic	Remote Controller, Power Cord, RS232C Cable, Lan Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual, 6m Power cable	
	Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V), 60m Power cable	

* Availability may differ by equipment.

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