* All images are for illustrative purposes only.

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, designed 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.

0.44 mm — Seamless Viewing Experience

Power Redundancy Support

Smart Calibration

Clear View with Non-glare Panel

LG | Business Solutions

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.
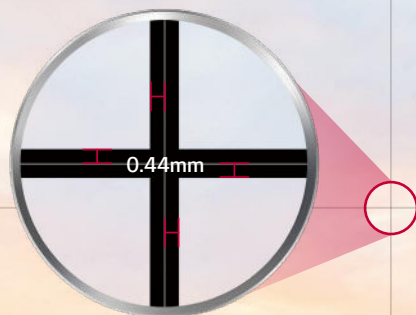
0.44mm

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.

Power Redundancy Support

The 55SVH7PF-H Series is designed to ensure uninterrupted power supply with external power box (optional), providing users with efficiency and continuousness in 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 needs to be purchased separately, and one 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)

ERROR

LG 55SVH7PF-H
(External Power Supply)

Power Cable**

External Power Box**
(LPLG001-FV)

Power Redundancy Operate
(in the event of Power Failure)

ERROR

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.

Sensor Calibration

LG Smart Calibration

↑ 2hrs
Time Consuming

Specialists
Needed

Cost Generation

↓ 3min
Time Saving

No Need
for Specialists

No Costs

VIVID AND DYNAMIC PICTURE QUALITY

Clear View with Non-glare Panel

Viewers can be annoyed by unnecessary light reflection 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.

Conventional

Haze 28%
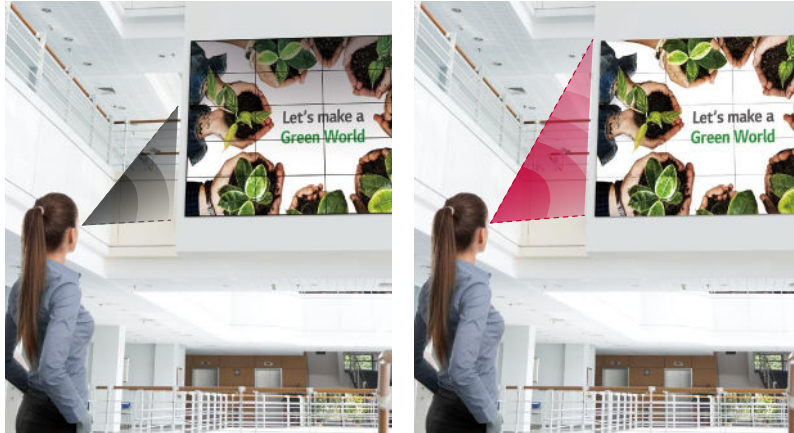(LG 55SVH7PF-H)
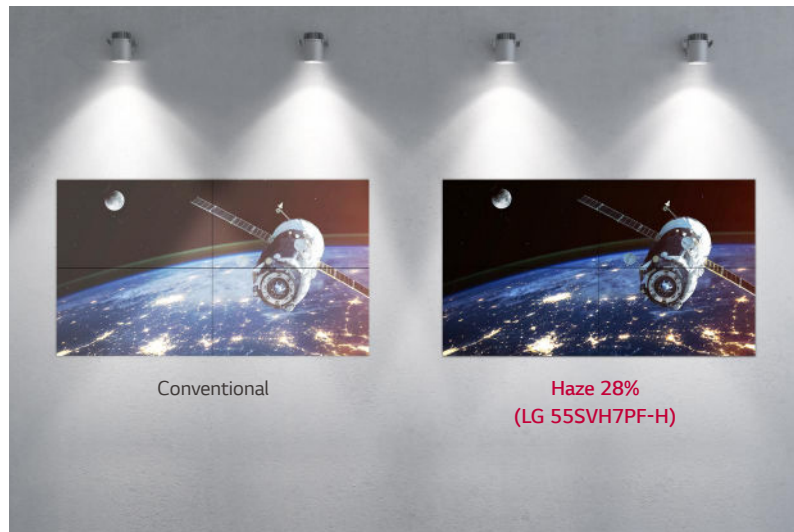
Uniform Color Expression

Poor uniformity around bezel boundaries can produce a dark appearance to corners, which doesn't look good on a large screen. However, the 55SVH7PF-H has enhanced uniformity, including the four corners of the display, to deliver vivid and consistent color throughout the screen.

Low Uniformity

90%* Uniformity
(LG 55SVH7PF-H)

* 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 55SVH7PF-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)

60°* High Viewing Angle
(LG 55SVH7PF-H)

* 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.

Conventional*

LG 55SVH7PF-H
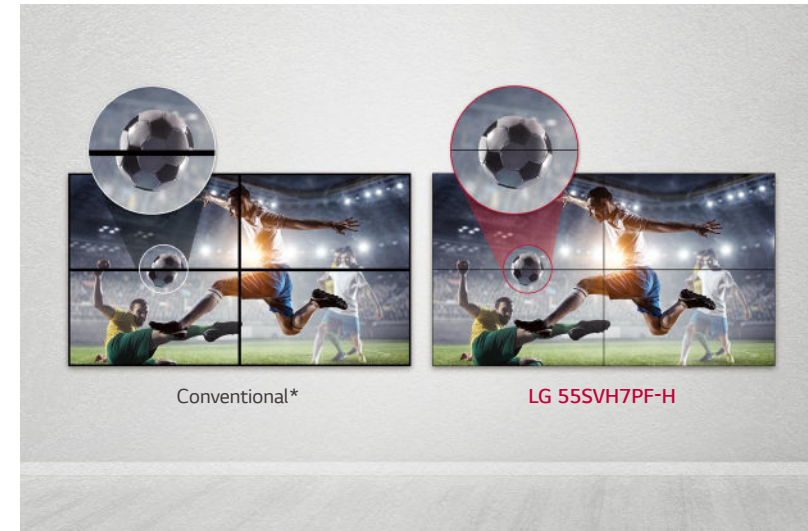
* The "Conventional" refers to displays which do not include an image improvement algorithm.

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.

Display's Current Status

Key set-up values for quick start

Embedded CMS

Signage-related functions
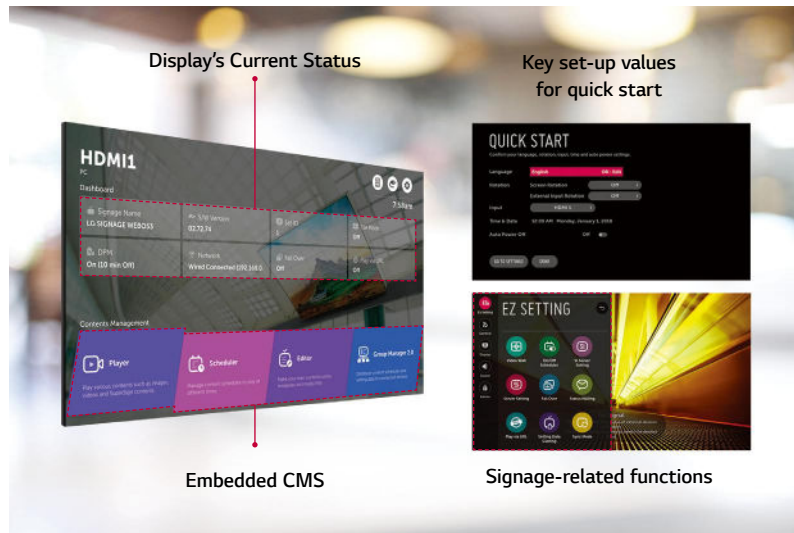
Dedicated GUI For Portrait Orientation

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 55SVH7PF-H, however, consists of a long range menu with bigger font sizes of 9:1 6 ratio, creating a comfortable and efficient business environment.

Landscape

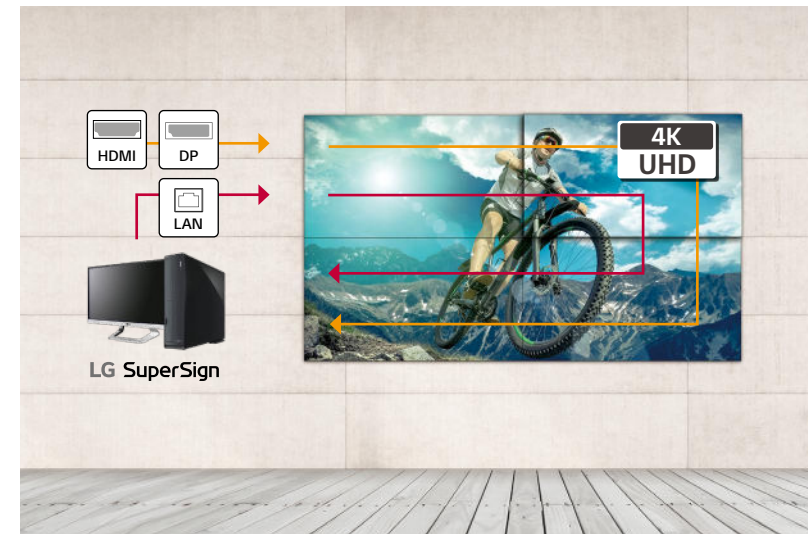Portrait
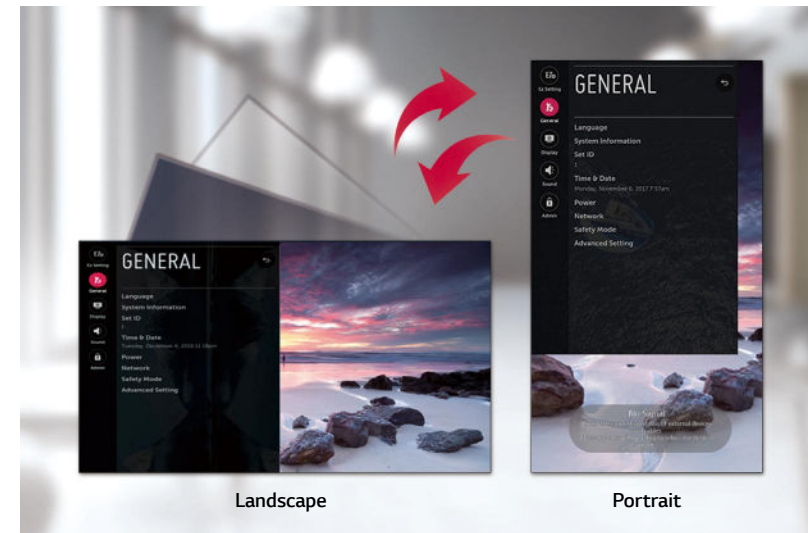
Real-Time Care Service

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.

Repair

LG ConnectedCare

Status, Usage Data

Monitoring / Fault Detection

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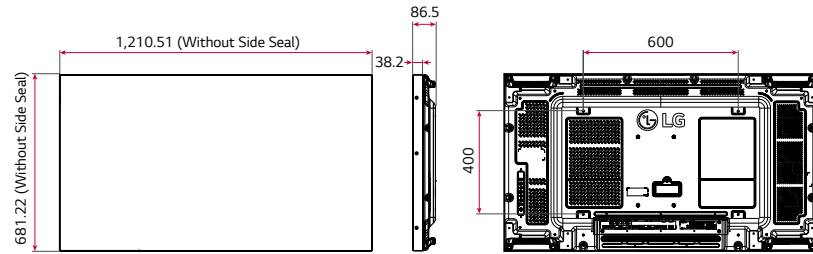
Daisy Chain Capability

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.
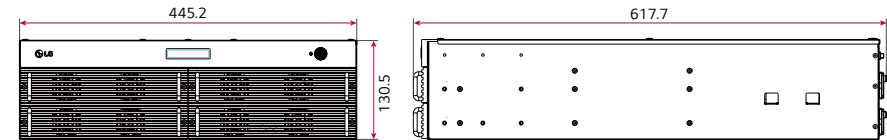

HDMI DP

LAN

4K
UHD

LG SuperSign

DIMENSION (unit: mm)

55"

1,210.51 (Without Side Seal)
681.22 (Without Side Seal)
86.5
38.2
600
400

External Power Box (LPLG001-FV)**

445.2
617.7
130.5

CONNECTIVITY

55"

External Power Box (LPLG001-FV)**
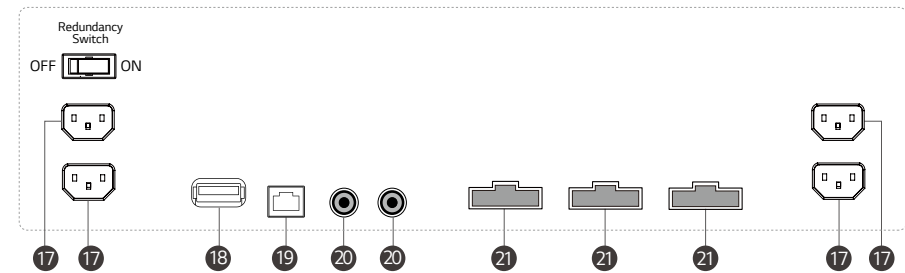
Redundancy Switch
OFF ON

❶	HDMI IN 1	❹	DP IN	❼	AUDIO IN	❿	LAN OUT	⓭	RS232C OUT	⓰	POWER-LOOP OUT	⓳	LAN IN
❷	HDMI IN 2	❺	DP OUT	❽	AUDIO OUT	⓫	IR IN	⓮	POWER IN	⓱	AC-IN	⓴	RS232C IN (Phone jack type)
❸	DVI-D IN	❻	USB 2.0 IN	❾	LAN IN	⓬	RS232C IN	⓯	POWER-LOOP IN	⓲	USB 2.0 IN	㉑	POWER OUT

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.
** An external power box (LPLG001-FV) needs to be purchased separately.

ENERGY STAR

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

55SVH7PF-H

		55SVH7PF-H
Panel	Screen Size	55"
	Panel Technology	IPS
	Native Resolution	1,920 × 1,080 (FHD)
	Brightness (Typ.)	700 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 (10bit)
	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, Power In, Power Loop In
	Output	DP, Audio, Power Loop Out
	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, webRTC, Pro:Idiom, 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	No
	Power Type	External Power Box[4]
	Power Consumption — Typ. / Max.	188 W / 240 W
	Power Consumption — BTU (British Thermal Unit)	641 BTU / Hr (Typ.), 819 BTU / Hr (Max.)
Certification	Safety	CB / NRTL
	EMC	FCC Class "A" / CE / KC
	ErP	No
Media player Compatibility	OPS Type Compatible	Yes (Piggyback)
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, LG ConnectedCare[5]
Accessories	Basic	Remote Controller, RS232C Cable, LAN Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual, Power Loop Cable
	Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V), OPS Kit (KT-OPSF), External Power Box (LPLG001-FV[6]), Power Cable (6 m, ACC-LAPPC06), Power Cable (60 m, ACC-LAPPC60)
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] An external power box (LPLG001-FV) needs to be purchased separately.
[5] The availability can differ by region.
[6] An external power box includes two 6m power cables, and you can purchase 60m power cables.
* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.

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