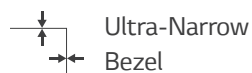


\* All screen images simulated for illustrative purposes only.

55VSH7J-H

## 0.44mm Even Bezel Video Wall



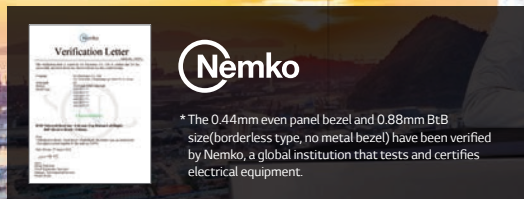
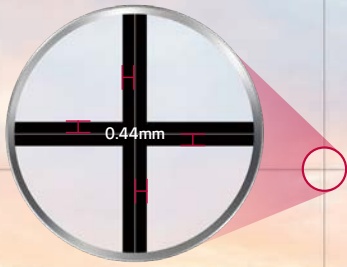
Wide Viewing Angle



Easy Color Adjustment



Efficient Operation



\* All screen images simulated for illustrative purposes only.

## Ultra-Narrow 0.44mm Even Bezel

The 0.44 mm bezel of the VSH7J-H series produces an incredibly narrow 0.88 mm bezel-to-bezel gap that helps content look like the actual original image by depicting a content true to form. Assembled into a large video wall screen, this series will provide an immersive experience to viewers.

## VIVID AND DYNAMIC PICTURE QUALITY



\* All screen images simulated for illustrative purposes only.

**60° 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 VSH7J-H series is high enough to display vivid colors clearly throughout the screen.

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



\* All screen images simulated for illustrative purposes only.

## Wide Viewing Angle

It is well known that LG IPS panel technology enables sharp control of liquid crystals, which in turn allows the screen to be viewed from virtually any angle. Because of this, the VSH7J-H series captures the attention of and captivates viewers with lifelike colors, virtually regardless of their viewing position.



## VIVID AND DYNAMIC PICTURE QUALITY



\* All screen images simulated for illustrative purposes only.

### 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 VSH7J-H series has enhanced uniformity, even within the four corners of the display, to deliver vivid and consistent color throughout the screen.

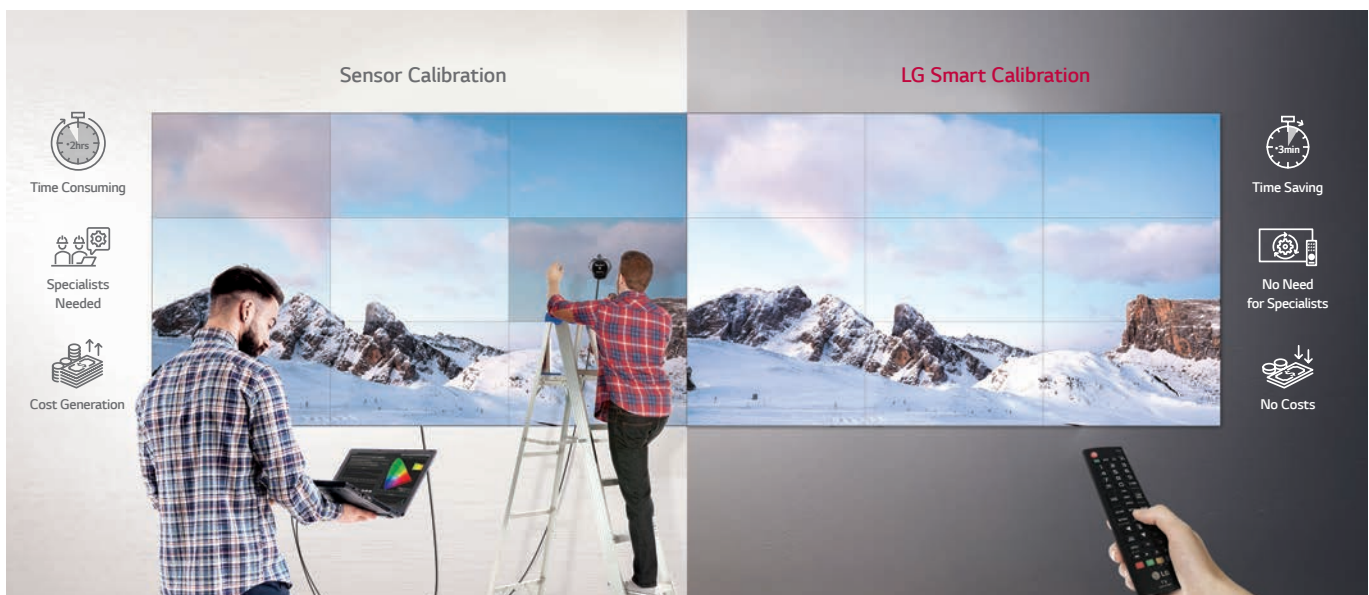
\* Uniformity among 13 points of the screen based on in-house testing.  
Test results may differ depending on environment and measuring equipment.



\* All screen images simulated for illustrative purposes only.

### Image Gap Reduction

The VSH7J-H 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 virtually seamless viewing experience.



\* All screen images simulated for illustrative purposes only.

### Smart Calibration

Smart calibration was created to help ensure backlight uniformity using internal sensors within the panel. 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.

## VIVID AND DYNAMIC PICTURE QUALITY



\* All screen images simulated for illustrative purposes only.

### Clear View with Non-glare Panel

Viewers can be annoyed by unnecessary light reflection when watching a screen under bright conditions. The VSH7J-H series has addressed such inconveniences by increasing the level of haze to 28% which enhances visibility and text readability.

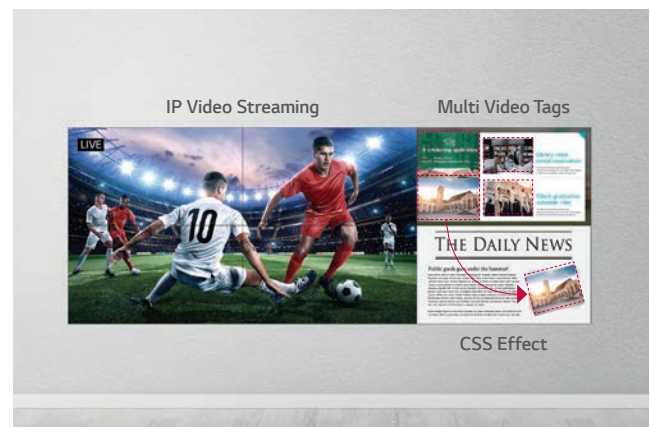
## POWERFUL SMART SIGNAGE PLATFORM



\* All screen images simulated for illustrative purposes only.

### High Performance and Great Scalability

Thanks to its built-in system-on-chip and webOS smart signage platform, VSH7J-H 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 a software development kit (SDK), it is even easier for system integrators to build and optimize their web apps. The SDK can be downloaded free from <https://webossignage.developer.lge.com>.



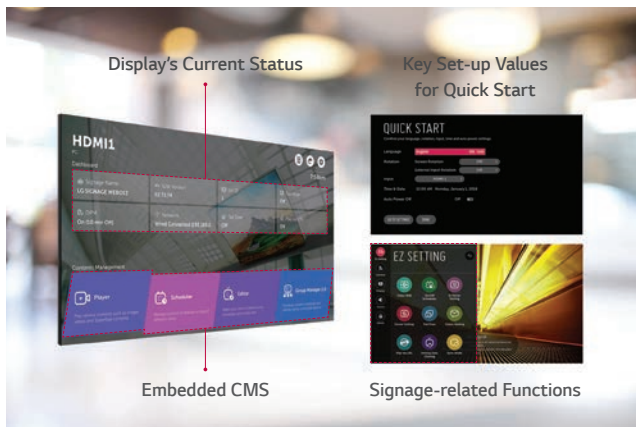
\* All screen images simulated for illustrative purposes only.

### Flexible Content Creation

Four different videos can be played simultaneously via web apps. 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 local capacity limits.

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

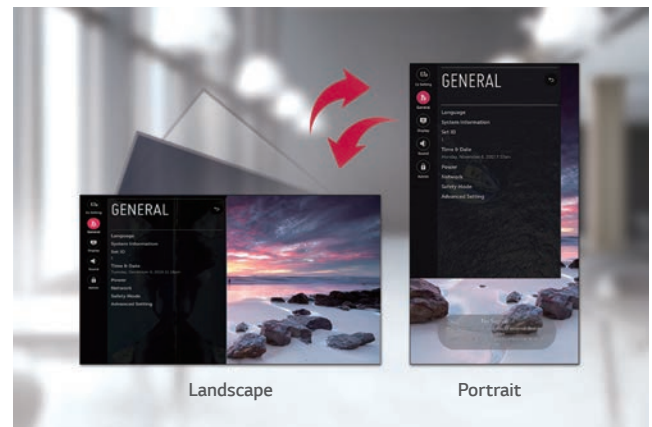
## USER-FRIENDLY SMART SIGNAGE UX



\* All screen images simulated for illustrative purposes only.

### Intuitive Menu Structure

The menu structure of the VSH7J-H series has been optimized for commercial use by simplifying menus and grouping similar functions together. This intuitive user interface can help users avoid having to do trial-and-error when exploring desired functions and managing displays.

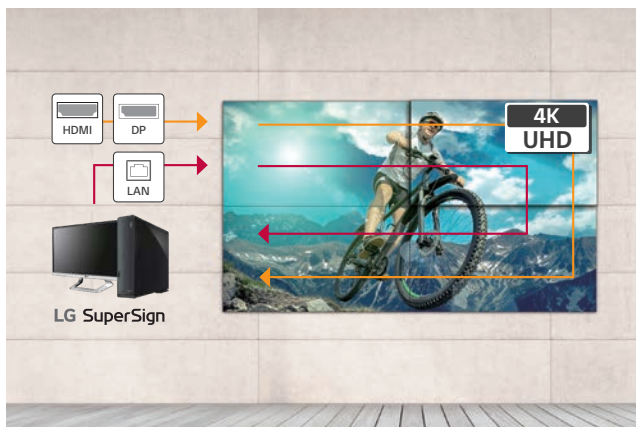


\* All screen images simulated for illustrative purposes only.

### Dedicated GUI for Portrait Orientation

The onscreen display of the VSH7J-H series consists of a menu with bigger font sizes and a 9:16 aspect ratio, creating a comfortable and efficient business environment.

## USER CONVENIENCE



\* All screen images simulated for illustrative purposes only.

### Daisy Chain Capability

A LAN daisy chain allows you to control and monitor video walls and even update the firmware in all screens of the video wall 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.



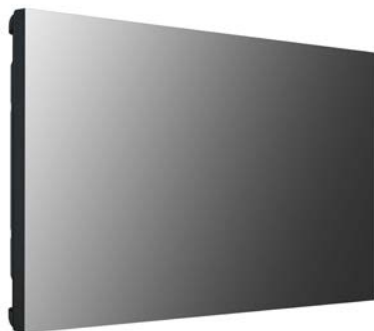
\* All screen images simulated for illustrative purposes only.

### Real-Time LG ConnectedCare

Maintenance is easy and fast with the optional LG ConnectedCare service, a cloud service subscription provided by LG that is available for purchase separately. It allows remote management of display status in client workplaces for fault diagnosis and remote-control services.



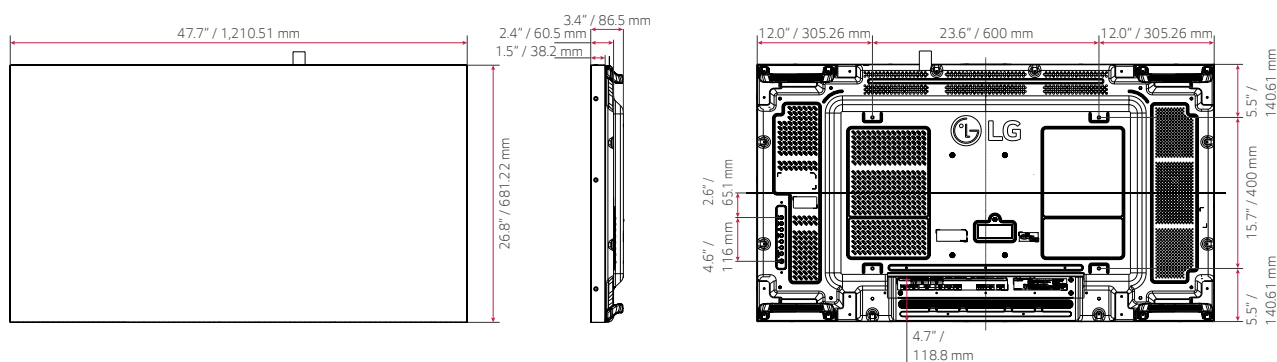
## PRODUCT INFORMATION



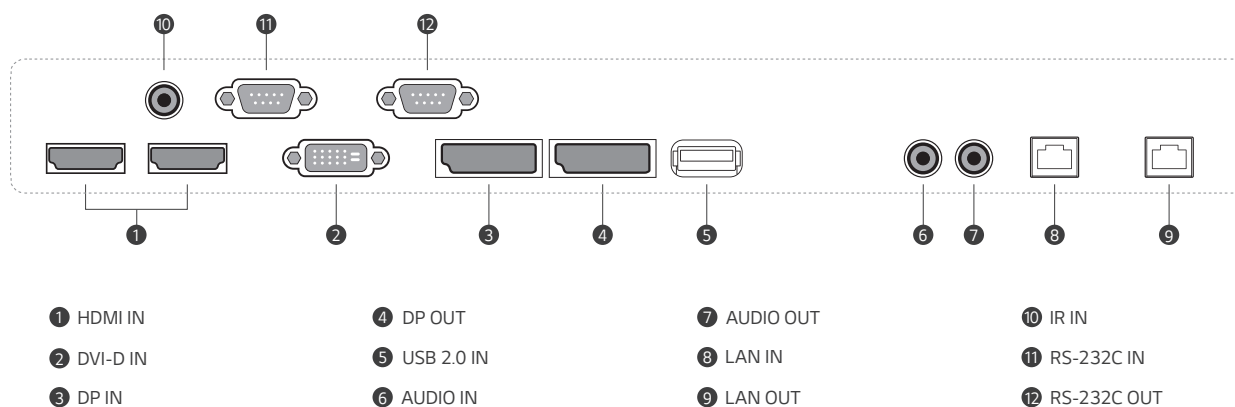
### VSH7J-H

Screen Size	55"
Aspect Ratio	16:9
Native Resolution	FHD (1920 × 1080)
Brightness (Typ.)	700 nits
Contrast Ratio	1100 :1

## DIMENSIONS



## CONNECTIVITY



MODEL NAME	55VSH7J-H
DISPLAY	Screen Size
	Panel Technology
	Back Light Type
	Aspect Ratio
	Native Resolution
	Refresh Rate
	Brightness (Typ.)
	Contrast Ratio
	Dynamic Contrast Ratio
	Color gamut
	Viewing Angle (H x V)
	Color Depth
	Response Time (G to G)
	Surface Treatment (Haze)
	Lifetime (Typ.)
	Operation Hours (Hours/Day)
	Portrait / Landscape
SOUND	Speaker
CONNECTIVITY	HDMI
	DP
	DVI-D
	Audio In
	RS232C IN
	RJ45(LAN)
	IR IN
	USB
	DP Out
	Audio Out
MECHANICAL	RS232C OUT
	RJ45(LAN)
	Bezel Color
	Bezel Width
	Weight
	Packed Weight
	Monitor Dimensions (W x H x D)
	Shipping Dimensions (W x H x D)
	Handle
	IP Rating
FEATURES	VESA™ Standard Mount Interface
	Internal Memory
	Temperature Sensor
	BLU Sensor
	Acceleration(Gyro) Sensor
	Smart Calibration
	Local Key Operation
	webOS Signage version
	Local Contents Scheduling
	Group Manager
	USB Plug & Play
	Fail over
	No Signal Image
	RS-232C Sync

MODEL NAME	55VSH7J-H
FEATURES	Local Network Sync
	Video Tag
	Play via URL
	Screen Rotation
	External Input Rotation
	Gapless Playback
	Tile Mode Setting
	Setting Data Cloning
	SNMP
	ISM Method
	Auto Set ID
	Status Mailing
	Control Manager
	Crestron Inside
	Smart Energy Saving
	PM mode
	Wake on LAN
	Network Ready
	HDMI-CEC
	SI Server Setting
ELECTRICAL	webRTC
	Pro:Idiom
	W/B Setting by Grey scale
	Scan Inversion
	Power Supply
	Power Type
	Typical Power Consumption
	Max Power Consumption
	Typical Heat Dissipation
	Max Heat Dissipation
LG SOFTWARE & SERVICE	Smart Energy Saving
	DPM
	Power off
	OPS compatible
	OPS Power built in
	Operation Temperature
	Operation Humidity
	SuperSign CMS
	SuperSign Control
	SuperSign Control+
WARRANTY & OTHER	SuperSign White Balance
	SuperSign Media Editor
	LG Connected Care
	Warranty
	Regulatory
	Environmental
	Onscreen Display Languages
	Included Accessories
	Optional Accessories