Specifications

		55VH7B
PANEL	Screen Size	55
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Brightness	700cd/m²
	Contrast Ratio	1,400:1
	Dynamic CR	500,000:1
	Viewing Angle (H x V)	178 x 178
	Response Time	8ms (G to G)
	Surface Treatment	Hard coating (3H), Anti-reflection treatment of the front polarizer (Reflectance < 2%)
	Life time (Typ.)	60,000 Hours
	Guranteed Operating Hour	24 Hours
	Orientation	Portrait & Landscape
CONNECTIVITY	Input	HDMI, DP, DVI-D, OPS, Audio, USB 2.0, USB3.0, RGB
	Output	DP, Audio
	External Control	RS232C, RJ45, IR Receiver
PHYSICAL SPECIFICATION	Bezel Color	-
	Bezel Width	0.9mm (Top/Bottom/Left/Right even bezel) / 1.8mm *B to B : Panel Bezel + Panel Bezel
	Monitor Dimension (W x H x D)	1,211.4 x 682.2 x 86.5mm
	Weight (Head)	18.6kg
	Carton Dimensions (W x H x D)	1,353 x 855 x 263mm
	Packed Weight	25.3kg
	VESA™ Standard Mount Interface	600 x 400mm
SPECIAL FEATURES		Temperature Sensor, Tile Mode (up to 15x15), Natural Mode@Tile Mode, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory, Wi-Fi Dongle Ready, USB Cloning, Content Scheduling, Fail Over
ENVIRONMENTAL CONDITIONS	Operating Temperature Range	0 °C to 40 °C
	Operating Humidity Range	10 % to 90 %
POWER	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
POWER CONSUMPTION	Typ.	220W
	Smart Energy Saving	110W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA / Yes (Energy Star 6.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes
	External Media Player Attachable	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign-W/Lite	Yes
	SuperSign-C	Yes
ACCESSORY	Basic	Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, LAN Cable, Guide Bracket, Screw
	Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V), OPS Kit (KT-OPSA), HDBaseT (EB-B100)

Connectivity

55VH7B

1. IR IN
2. RS-232C IN
3. RS-232C OUT
4. HDMI IN
5. DVI-D IN
6. DP IN
7. DP OUT
8. USB 2.0 IN
9. USB 3.0 IN
10. RGB/COMPONENT/AV IN
11. AUDIO IN
12. AUDIO OUT
13. LAN IN
14. LAN OUT

ENERGY STAR
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

More info www.lgcommercial.com
youtube.com/c/LGECommercialDisplay

LG Life's Good

Artistic Immersion, Overwhelming Attractiveness
World's Narrowest Bezel Video Wall 55VH7B

With its borderless design, the VH7B series offers maximum immersion for video walls. Its quad-core SoC plays various types of content without the need for an extra media player due to its efficient management tools. The VH7B effectively raises customer awareness, particularly in areas with heavy foot traffic such as museums, galleries, and large retail stores.
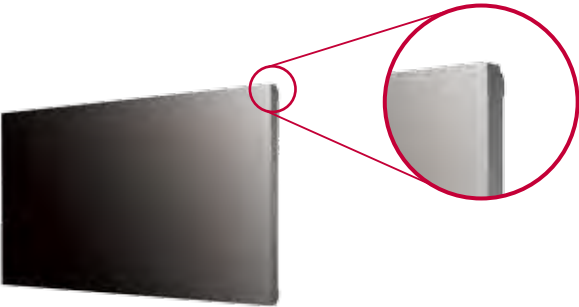
Key Features

Borderless Design

Narrowest Bezel

Borderless design with its 0.9mm even panel bezel* enables immersive and seamless viewing experiences on assembled video wall screens.

*Panel Bezel : The black matrix section where an image is not displayed on the front panel.

Smart Platform

Built-in SoC* and Synced Playback

The optimized built-in quad-core SoC in the VH7B can play various content formats and eliminates the need for an external media player. Using its built-in SoC, each display plays its video tile without lag for synchronized content playback.
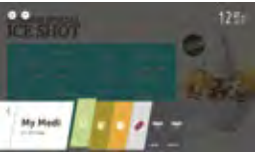
CPU
1.2GHz Quad Core CPU

Memory
2.5GB double data 3 (DDR3) 32bit memory

GPU
550MHz video processor with full codec (WMV, MP4, HEVC, VP9, and H.264 capabilities)

Internal Memory
A storage of 8GB (4GB is occupied by system)
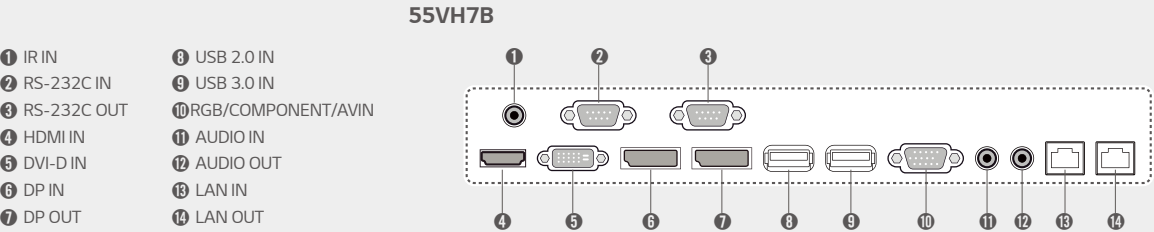
SoC

*System-on-Chip

webOS 2.0

The webOS 2.0 platform provides easy and convenient tools to create contents. LG's SDK* and technical supports make content development and management easier.

http://developer.lge.com/webOSSignage
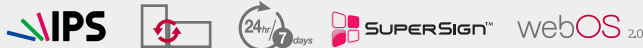
*Software Development Kit

LG Life's Good

Artistic Immersion, Overwhelming Attractiveness
World's Narrowest Bezel Video Wall 55VH7B

Screen Size
55"

55VH7B
- Brightness : 700cd/m^2
- Bezel : 0.9mm (T/B/L/R even bezel)
- Depth : 87mm
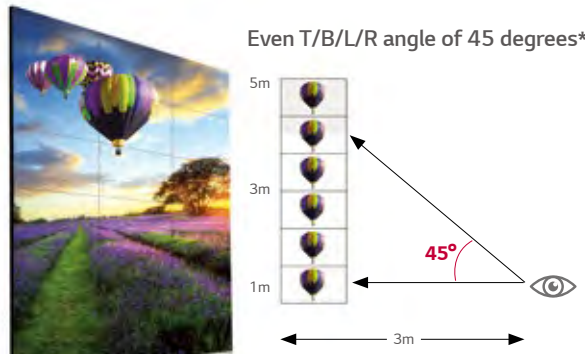- Interface : HDMI / DVI / RGB / IR,
  Daisy-chain (DP, RS232C, RJ45)

IPS · 24hr/7days · SuperSign™ · webOS 2.0

Enhanced Content Management

LAN Daisy Chain Performance
A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.

SuperSign™ W

Key Features

Superior Picture Quality

Clear Viewing Angle
The VH7B ensures clear picture quality even when installed in stacks of more than four. This is very favorable for the quantity of video walls installed in large spaces.

Even T/B/L/R angle of 45 degrees*

5m
3m
1m
45°
3m

*The angle from the center of the screen to have 50% of the initial luminance.
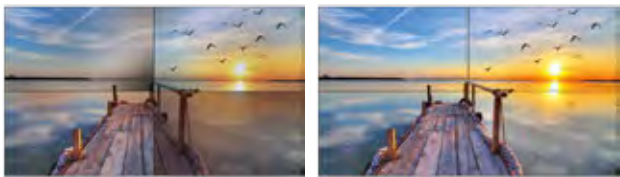
Uniform Brightness
LG's LED backlight technology guarantees high uniformity in brightness to ensure a clear picture. On other screens, certain spots may appear darker than others, but the new VH7B generates high visibility and a consistent brightness across the whole screen.

Conventional (80%)   VH7B (90%)

Video Wall Image Creation
Through Video Wall Image Creation (VIC) technology, color and brightness differences are compensated in circuit part with an algorithm to make the panels into a same characteristic so that each video wall maintains the consistent white balance.
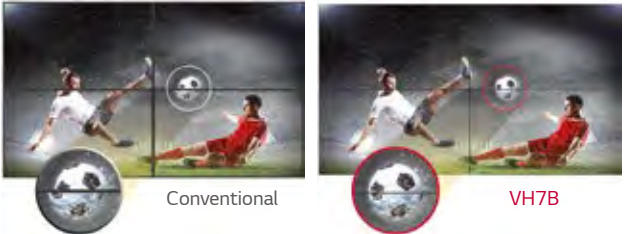
Conventional   VH7B

Image Gap Reduction
The VH7B includes an image improvement algorithm that can adjust to objects located in the boundary of bezel for a seamless viewing experience.
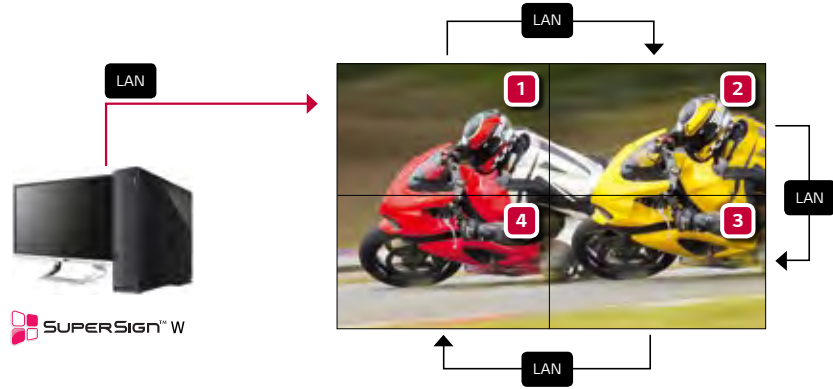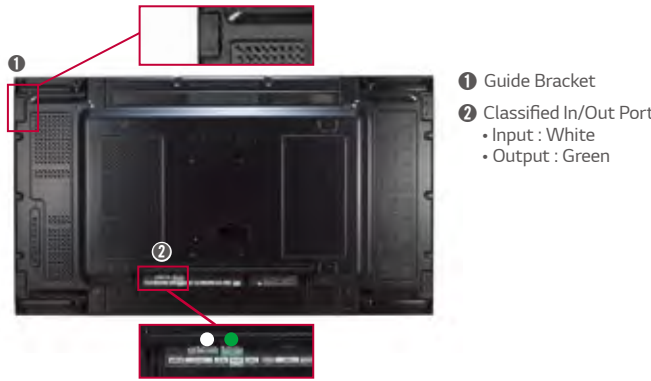
Conventional   VH7B

* This function is applied to models produced in Feb, 16.

Convenient Options

Guide Bracket / Classified Port
A guide bracket is an attachment that ensures the video wall remains flat. The classified in/out port prevents errors when connecting a daisy chain.

❶ Guide Bracket
❷ Classified In/Out Port
• Input : White
• Output : Green

Control Buttons
With 8 control buttons, it's easy to operate various functions of the VH7B, such controlling the OSD (On Screen Display) and changing the input source.

Input, Menu, Up/Down/Right/Left, Auto/Set, Power

Dimension (unit : mm)

55"
1,211.4 x 682.2 x 86.5 /
18.6kg

1211.4
0.9
682.2
0.9
0.9
0.9
86.5
42.5
60.5
305.7   600   305.7
141.1
116 65.1
400
141.1
119.2