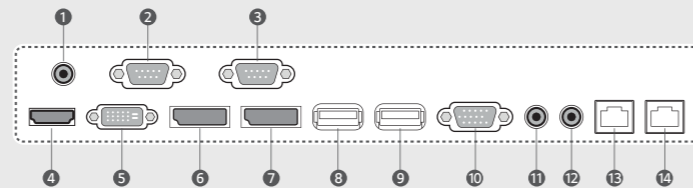


Specifications

	55VH7B	55VM5B-A	49VH7C	49VM5C-A
Screen Size	55"	55"	49"	49"
Panel Technology	IPS			
Aspect Ratio	16 : 9			
Native Resolution	1,920 x 1,080 (FHD)			
Brightness	700 cd/m ²	500 cd/m ²	700 cd/m ²	500 cd/m ²
Contrast Ratio	1,400:1	1,400:1	1,300:1	1,300:1
Dynamic CR	500,000:1			
Viewing Angle (H x V)	178 x 178			
Response Time	8ms (G to G)			
PANEL				
Surface Treatment	55VH7B-A: Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ)) 55VH7B-H: Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 44%)	Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))	Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))	Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))
Guaranteed Operating Hour	24 Hours			
Orientation	Portrait & Landscape			
CONNECTIVITY				
Input	HDMI, DP, DVI-D, OPS, Audio, USB 2.0, USB 3.0, RGB			
Output	DP, Audio			
External Control	RS232C, RJ45, IR Receiver			
Bezel Color	-			
Bezel Width	0.9 mm (Top/Bottom/Left/Right even bezel) / 1.8 mm *B to B : Panel Bezel + Panel Bezel			
PHYSICAL SPECIFICATION				
Monitor Dimension (W x H x D)	1,211.4 x 682.2 x 86.5 mm	1,211.4 x 682.2 x 86.5 mm	1,075.6 x 605.8 x 86.2 mm	1,075.6 x 605.8 x 86.2 mm
Weight (Head)	18.6 kg	18.6 kg	17.5 kg	17.5 kg
Carton Dimensions (W x H x D)	1,353 x 855 x 263 mm	1,353 x 855 x 263 mm	1,214 x 775 x 263 mm	1,214 x 775 x 263 mm
Packed Weight	25.3 kg	25.3 kg	23.2 kg	23.2 kg
VESA™ Standard Mount Interface	600 x 400 mm			
SPECIAL FEATURES	Temperature Sensor, Tile Mode (up to 15 x 15), Natural Mode@Tile Mode, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory (8 GB, System 4 GB + Available 4 GB), Wi-Fi Dongle Ready, USB Cloning, Content Scheduling, Fail over (USB, RGB, DVI, HDMI, Internal Memory)			
ENVIRONMENTAL CONDITIONS				
Operating Temperature Range	0 °C to 40 °C			
Operating Humidity Range	10 % to 80 %			
POWER				
Power Supply	100-240V~, 50/60Hz			
Power Type	Built-In Power			
POWER CONSUMPTION				
Typ.	220 W	150 W	150 W	120 W
Smart Energy Saving	110 W	80 W	80 W	70 W
STANDARD (CERTIFICATION)				
Safety	UL / cUL / CB / TUV / KC			
EMC	FCC Class "A" / CE / KCC			
ErP / Energy Star	NA / Yes (Energy Star 7.0)			
MEDIA PLAYER COMPATIBILITY				
OPS Type Compatible	Yes			
External Media Player Attachable	Yes (MP500/MP700)			
SOFTWARE COMPATIBILITY				
Content Management Software	SuperSign W			
Control and Monitoring Software	SuperSign C			
ACCESSORIES				
Basic	Remote controller, Power cable, DP cable, Manual, IR receiver, RS-232C cable, LAN cable, Guide bracket, Screws			
Optional	Wall mount (Landscape: WM-L640V, Portrait: WM-P640V), OPS kit (KT-OPSA), HDBaseT (EB-B100)			

Connectivity

- 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



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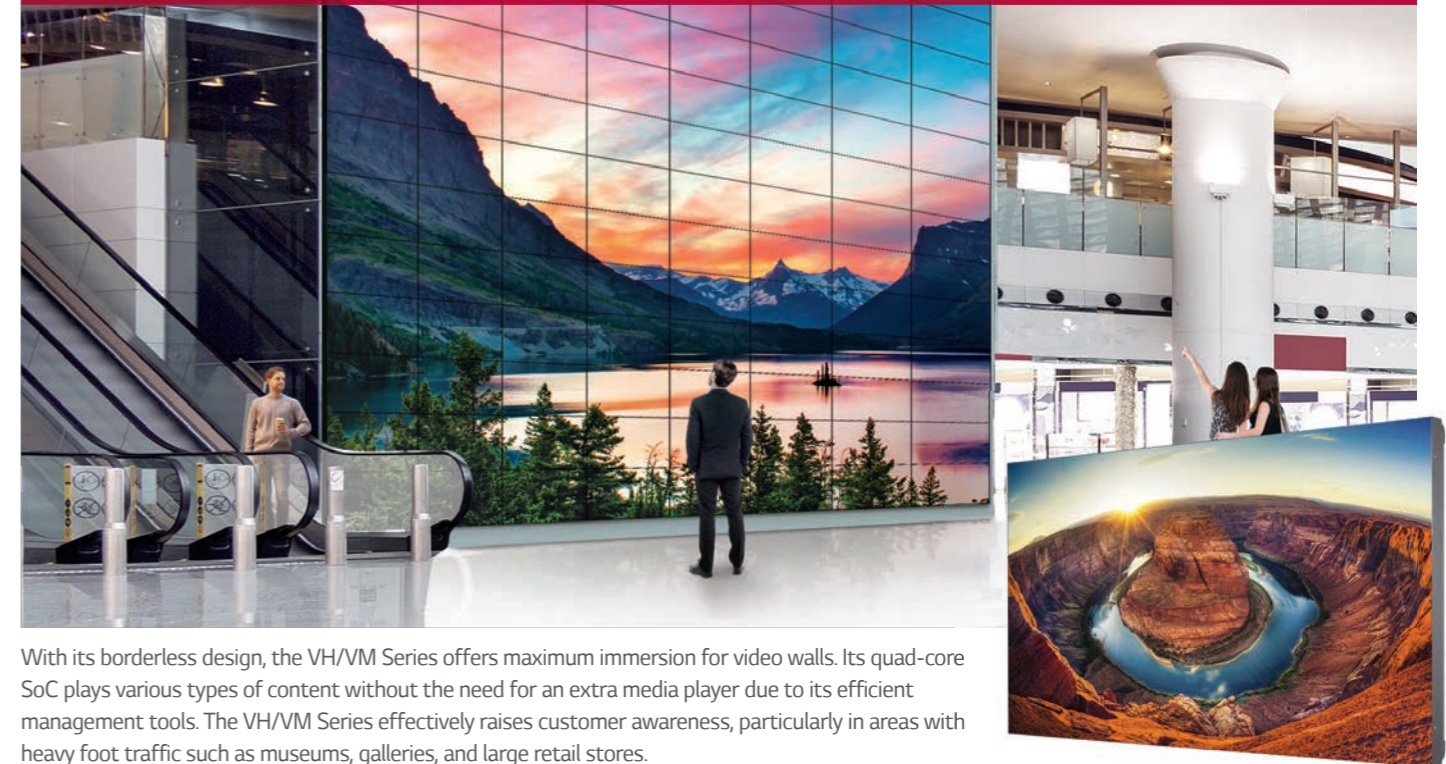
YouTube [youtube.com/c/LGCommercialDisplay](https://www.youtube.com/c/LGCommercialDisplay)

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Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall VH/VM Series



With its borderless design, the VH/VM 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 VH/VM Series effectively raises customer awareness, particularly in areas with heavy foot traffic such as museums, galleries, and large retail stores.

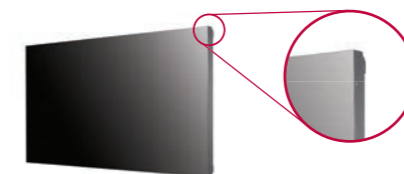
Key Features

Borderless Design



Narrow Bezel

Borderless design with its 0.9 mm even panel bezel* and 1.8 mm BtB (Bezel to Bezel)** size, verified by Nemko***, 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.
**BtB (Bezel to Bezel): Panel Bezel + Panel Bezel (Borderless type, no metal bezel)
***Nemko (Nogerois Elektriske Materieellkontroll) was established in 1933 as an institution for mandatory safety testing and national approval of electrical equipment to be marketed and sold in Norway. Since it was transformed into independent, self-owned foundation in 1991, it has provided worldwide testing and certification.



Smart Platform



Built-in SoC* and Synced Playback

The optimized built-in quad-core SoC in the VH/VM Series 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.



*System-on-Chip

- CPU**
1.2 GHz Quad Core CPU
- Memory**
2.5 GB double data 3 (DDR3) 32 bit memory
- GPU**
550MHz video processor with full codec (WMMV, MP4, HEVC, VP9, and H.264 capabilities)
- Internal Memory**
A storage of 8 GB (4 GB is occupied by system)

webOS 2.0

The webOS 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



Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall VH/VM Series



Screen Size
49", 55"



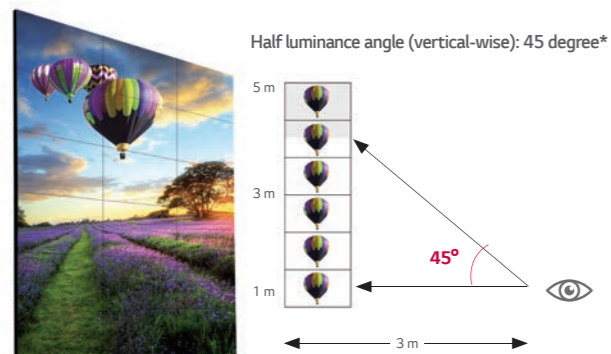
- 55VH7B/55VM5B-A, 49VH7C/49VM5C-A
- Brightness: VH Series: 700 cd/m², VM Series: 500 cd/m²
 - Surface Treatment:
 - 55VH7B-A: Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))
 - 55VH7B-H: Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 44 %)
 - 55VM5B-A: Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))
 - 49VH7C: Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))
 - 49VM5C-A: Hard coating (2H), Anti-glare low reflection treatment of the front polarizer (Haze 3% (Typ))
 - Bezel: 0.9 mm (T/B/L/R even bezel)
 - Depth: 55": 86.5 mm, 49": 86.2 mm
 - Interface: HDMI / DVI / RGB / IR, Daisy-chain (DP, RS232C, RJ45)

Key Features

Superior Picture Quality

Clear Viewing Angle

The VH/VM Series 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.



*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 VH/VM Series generates high visibility and a consistent brightness across the whole screen.



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.

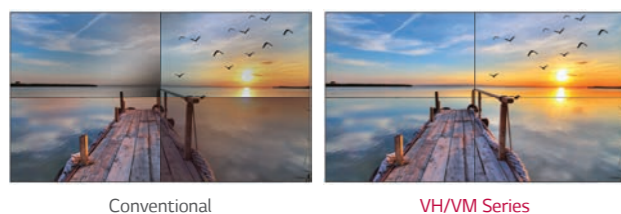


Image Gap Reduction

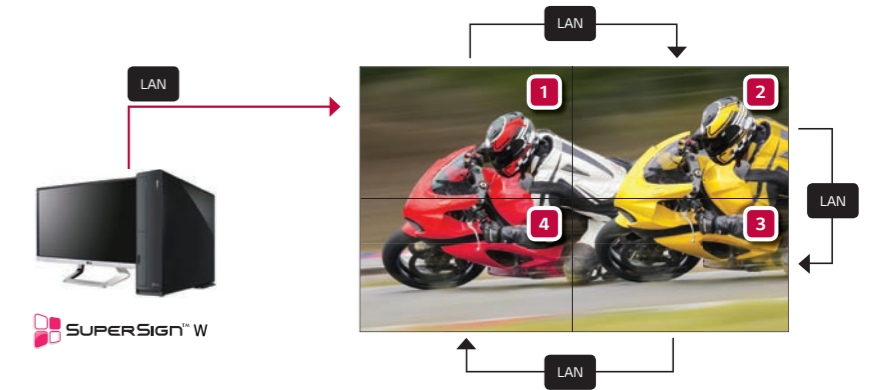
The VH/VM Series includes an image improvement algorithm that can adjust to objects located in the boundary of bezel for a seamless viewing experience.



Enhanced Content Management

LAN Daisy Chain Performance

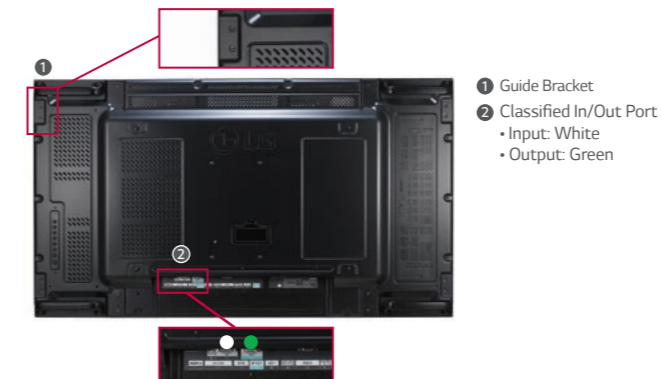
A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.



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.



Control Buttons

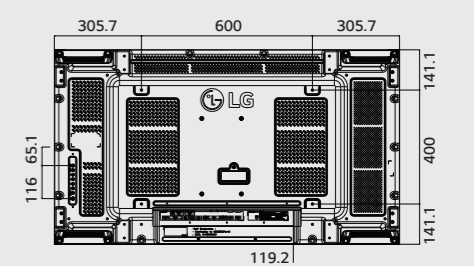
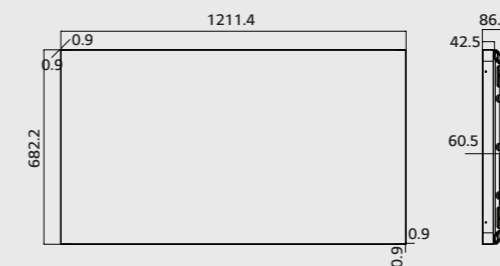
With 8 control buttons, it's easy to operate various functions of the VH/VM Series, such as controlling the OSD (On Screen Display) and changing the input source.



Dimension (unit : mm)

55"

1,211.4 x 682.2 x 86.5 mm /
18.6 kg



49"

1,075.6 x 605.8 x 86.2 mm /
17.5 kg

