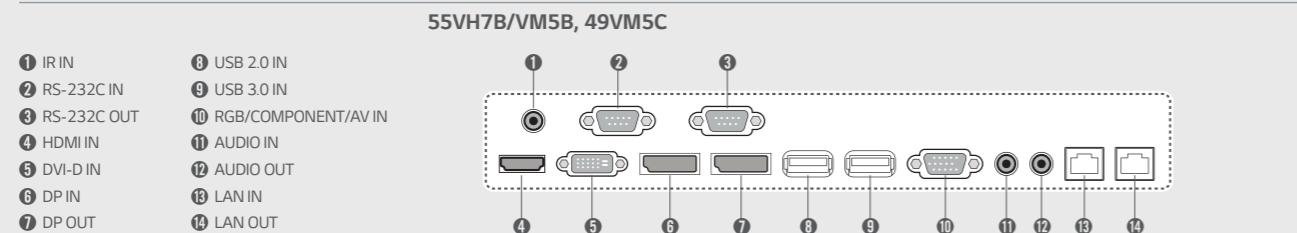


Specifications

	55VH7B-B / 55VH7B-H	55VM5B-B	49VM5C-B
Screen Size	55" (54.64" Diag)	55" (54.64" Diag)	49" (48.50" Diag)
Panel Technology	IPS		
Aspect Ratio	16 : 9		
Native Resolution	1,920 x 1,080 (FHD)		
Brightness	700cd/m ²	500cd/m ²	500cd/m ²
Contrast Ratio	1,400:1	1,400:1	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-B : Hard coating(2H), Anti-reflection treatment of the front polarizer (Reflectance <2%) 55VH7B-H : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 44%)	Hard coating(2H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
Life time (Typ.)	60,000 Hours		
24/7 Operation	Yes		
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		
Bezel Color	-		
Bezel Width	0.9mm (Top/Bottom/Left/Right even bezel) / 1.8mm *B to B : Panel Bezel + Panel Bezel		
PHYSICAL SPECIFICATION (mm / inches)			
Monitor Dimension (W x H x D)	1,211.4 x 682.2 x 86.5 mm/47.4 x 26.9 x 3.41"	1,211.4 x 682.2 x 86.5 mm/47.4 x 26.9 x 3.41"	1,075.6 x 605.8 x 86.2 mm/ 42.3 x 23.9 x 3.39"
Weight (Head)	18.6 kg / 41.0lb	18.6 kg / 41.0lb	17.5 kg / 38.6lb
Carton Dimensions (W x H x D)	1,353 x 855 x 263 mm / 53.3 x 33.7 x 10.4"	1,353 x 855 x 263 mm / 53.3 x 33.7 x 10.4"	1,214 x 775 x 263 mm / 47.8 x 30.5 x 10.4"
Packed Weight	25.3 kg / 55.8lb	25.3 kg / 55.8lb	23.2 kg / 51.1lb
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 (8GB, System 4GB + Available 4GB), 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	120 W
Smart Energy Saving	110 W	80 W	70 W
STANDARD (CERTIFICATION)			
Safety	UL / cUL / CB / TUV / KC		
EMC	FCC Class "A" / CE / KCC		
ErP / Energy Star	NA / ENERGY STAR® Qualified		
MEDIA PLAYER COMPATIBILITY			
OPS Type Compatible	Yes		
External Media Player Attachable	Yes (MP500/MP700)		
SOFTWARE COMPATIBILITY			
SuperSign W/Lite	Yes		
SuperSign C	Yes		
ACCESSORIES			
Basic	Remote controller, Power cable, DP cable, Manual, IR receiver, RS-232C cable, LAN cable, Guide bracket, Screws		
Optional	OPS kit (KT-OPSA), HDBaseT (EB-B100)		
UPC	55VH7B-B (7 19192 19831 9) 55VH7B-H (7 19192 20075 3)	7 19192 19832 6	7 19192 19999 6

Connectivity



Download LG Commercial Display Mobile App



Learn more www.LGSolutions.com

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

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Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall 55VH7B/VM5B, 49VM5C



With its borderless design, the 55VH7B/VM5B, 49VM5C 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 55VH7B/VM5B, 49VM5C effectively raises customer awareness, particularly in areas with heavy foot traffic such as museums, galleries, and large retail stores.



Images on screen are simulated

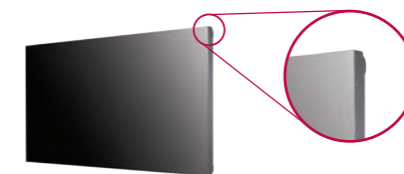
Key Features

Borderless Design



Narrow Bezel

Borderless design with its 0.9mm even panel bezel* and 1.8mm 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 Materiekkontroll) 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 55VH7B/VM5B, 49VM5C 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**
1.2GHz 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)

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



Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall 55VH7B/VM5B, 49VM5C



Screen Size
49", 55"



55VH7B/VM5B, 49VM5C

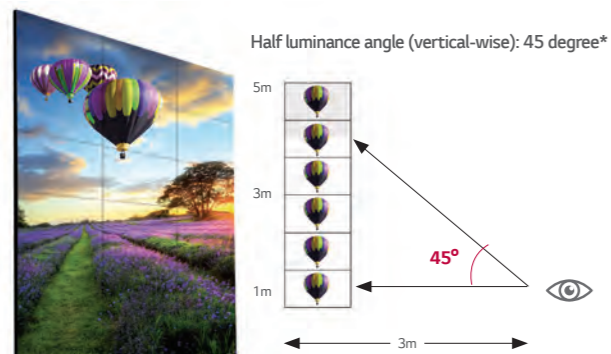
- Brightness : 55VH7B : 700cd/m², 55VM5B : 500cd/m², 49VM5C : 500cd/m²
- Surface Treatment :
 - 55VH7B-B : Hard coating(2H), Anti-reflection treatment of the front polarizer (Reflectance < 2%)
 - 55VH7B-H : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 44%)
 - 55VM5B : Hard coating(2H), Anti-glare treatment of the front polarizer (Haze 10%)
 - 49VM5C : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 10%)
- Bezel : 0.9mm (T/B/L/R even bezel)
- Depth :
 - 55VH7B/VM5B : 86.5 mm
 - 49VM5C : 86.2 mm
- Interface : HDMI / DVI / RGB / IR, Daisy-chain (DP, RS232C, RJ45)

Key Features

Superior Picture Quality

Clear Viewing Angle

The 55VH7B/VM5B, 49VM5C 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 new 55VH7B/VM5B, 49VM5C 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.

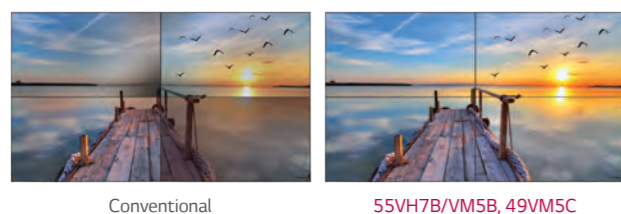


Image Gap Reduction

The 55VH7B/VM5B, 49VM5C includes an image improvement algorithm that can adjust to objects located in the boundary of bezel for a seamless viewing experience.

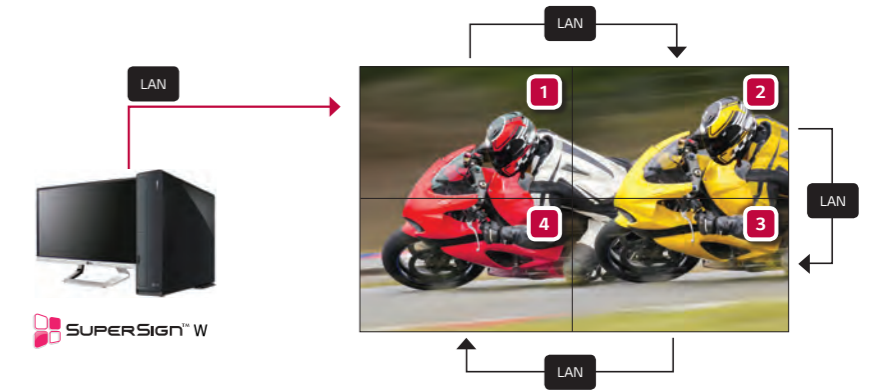


Images on screen are simulated

Enhanced Content Management

LAN Daisy Chain Performance

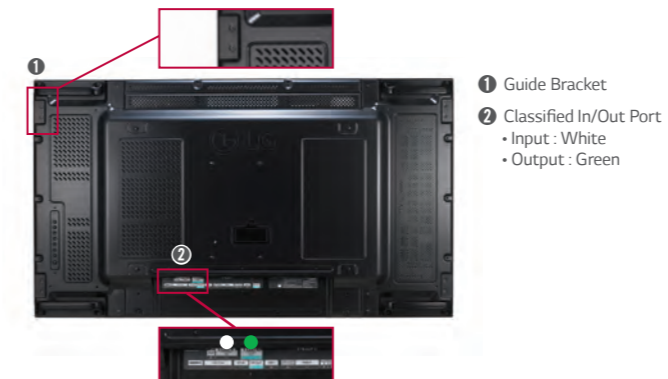
A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.



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

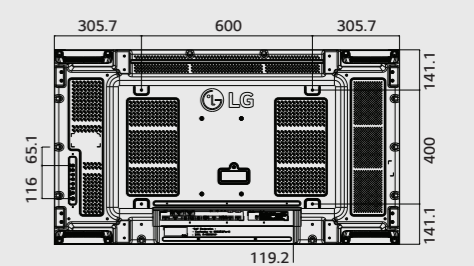
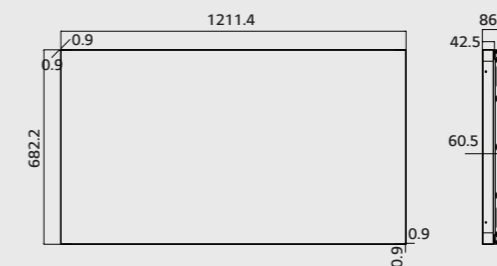
With 8 control buttons, it's easy to operate various functions of the 55VH7B/VM5B, 49VM5C, such as controlling the OSD (On Screen Display) and changing the input source.



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

