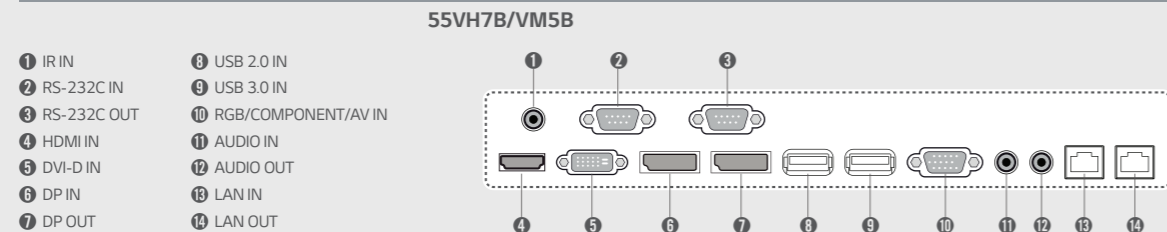


## Specifications

	55VH7B	55VM5B
Screen Size	55	
Panel Technology	IPS	
Aspect Ratio	16 : 9	
Native Resolution	1,920 x 1,080 (FHD)	
Brightness	700cd/m <sup>2</sup>	500cd/m <sup>2</sup>
Contrast Ratio	500,000:1	
Viewing Angle (H x V)	178 x 178	
Response Time	8ms (G to G)	
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%)
Life time (Typ.)	60,000 Hours	
Guaranteed Operating Hour	24/7 Hours	
Orientation	Portrait & Landscape	
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	
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 80 %
POWER	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
POWER CONSUMPTION	Typ.	160W
	Smart Energy Saving	110W
		150W
		80W
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	OPS Kit (KT-OPSA), HDBaseT (EB-B100)

## Connectivity



## Artistic Immersion, Overwhelming Attractiveness

### World Best Class Video Wall 55VH7B/VM5B



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

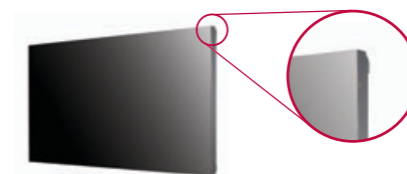
## Key Features

### Borderless Design



### Narrow Bezel

Borderless design with its 0.9mm 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 (Nogerøis Elektriske Materielkontroll) 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 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



Screen Size  
55"



### 55VH7B/VM5B

- Brightness : 55VH7B : 700cd/m<sup>2</sup>  
55VM5B : 500cd/m<sup>2</sup>
- 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%)
- Bezel : 0.9mm (T/B/L/R even bezel)
- Depth : 87mm
- Interface : HDMI / DVI / RGB / IR,  
Daisy-chain (DP, RS232C, RJ45)

## Key Features

### Superior Picture Quality

#### Clear Viewing Angle

The 55VH7B/VM5B 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\*

\*The angle from the center of the screen to have 50% of the initial luminance.

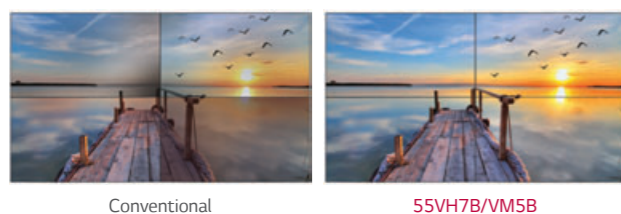
#### Uniform Brightness

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 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

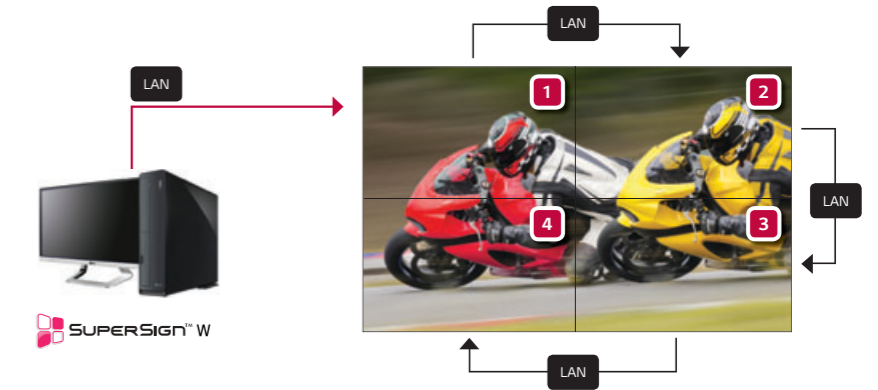
The 55VH7B/VM5B includes an image improvement algorithm that can adjust to objects located in the boundary of bezel for a seamless viewing experience.



## Enhanced Content Management

### LAN Daisy Chain Performance

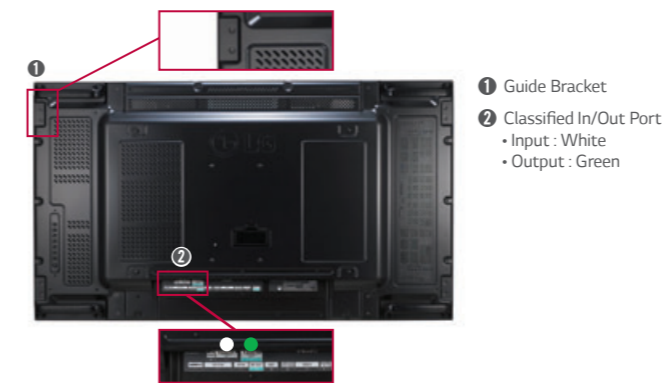
A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.



## 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 55VH7B/VM5B, 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 /

18.6kg

