

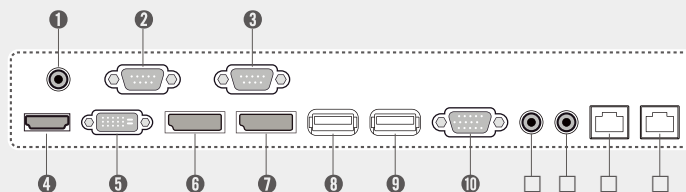
Specifications

| | | 55VH7B | 55VM5B | |
|-----------------------------------|---|--|--|--|
| PANEL | Screen Size | 55" (139cm) | | |
| | Panel Technology | IPS | | |
| | Aspect Ratio | 16 : 9 | | |
| | Native Resolution | 1,920 x 1,080 (FHD) | | |
| | Brightness | 700cd/m ² | 500cd/m ² | |
| | Contrast Ratio | 1,400:1 | | |
| | 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 polariser (Reflectance <2%) 55VH7B-H : Hard coating(3H), Anti-glare treatment of the front polariser (Haze 44%) | Hard coating(2H), Anti-glare treatment of the front polariser (Haze 10%) | |
| | Life time (Typ.) | 60,000 Hours | | |
| Guaranteed 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) | 1211mm x 682mm x 87mm | | |
| | 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 Compatible, 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. | 220W | 150W | |
| | Smart Energy Saving | 110W | 80W | |
| STANDARD (CERTIFICATION) | Safety | AS/NZS 60950, CB Scheme | | |
| | EMC | AS/NZS CISPR 22, RCM (Class A) | | |
| | Energy Rating | N/A | | |
| 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), Wi-Fi Dongle | | |

Connectivity

55VH7B/VM5B

- 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
- AUDIO IN
- AUDIO OUT
- LAN IN
- LAN OUT



Super Narrow Bezel Display

Video Wall 55VH7B/VM5B



With its near 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.

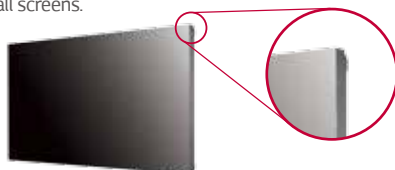
Key Features

Borderless Design



Narrow Bezel

With its near Borderless design of 0.9mm even panel bezel* and 1.8mm BtB (Bezel to Bezel)** size, verified by Nemko***, enables immersive and near 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

Built into this signage display is a Quad-Core Processor. This is the engine behind the webOS display platform that allows fast loading of apps and menu's, as well as multi-tasking between the apps. The result, quick access to content and smooth playback.



SoC

*SoC : 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 4GB (8GB total with system)

webOS 2.0

With webOS 2.0 you can build apps and construct your own customised signage solutions using the LG Software Development Kit (SDK*) and display logos during screen idle time (i.e. boot up, lost signal, etc).



<http://developer.lge.com/webOSSignage>

*Software Development Kit

Screen Size

55"

55VH7B/VM5B

- Brightness : 55VH7B : 700cd/m²
55VM5B : 500cd/m²
- Surface Treatment :
 - 55VH7B-B : Hard coating(2H),
Anti-reflection treatment of the front polariser (Reflectance <2%)
 - 55VH7B-H : Hard coating(3H),
Anti-glare treatment of the front polariser (Haze 44%)
 - 55VM5B : Hard coating(2H),
Anti-glare treatment of the front polariser (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



