



* All images in this datasheet are for illustrative purposes only.

Video Wall 55VM5R-H

Seamless Wide Vision, Smarter Video Wall



Extreme-Narrow
Bezel



Super Wide
Viewing Angle



Efficient Operation



Easy Color
Adjustment



webOS Smart
Platform



55VM5R-H

Screen Size	55"
Aspect Ratio	16 : 9
Native Resolution	1,920 × 1,080 (FHD)
Brightness	500 nits (Typ.)
Contrast Ratio	1,200 : 1
Bezel Width	1.7 mm (Panel Bezel to Panel Bezel), 1.2 mm (T/L), 0.5 mm (B/R)



Seamless Large Screens with an Extreme-Narrow Bezel

The ultra-slim bezel, with its 1.7 mm BtoB (Panel Bezel to Panel Bezel), drastically reduces bezel interference and delivers immersive, seamless content across assembled video wall screens.

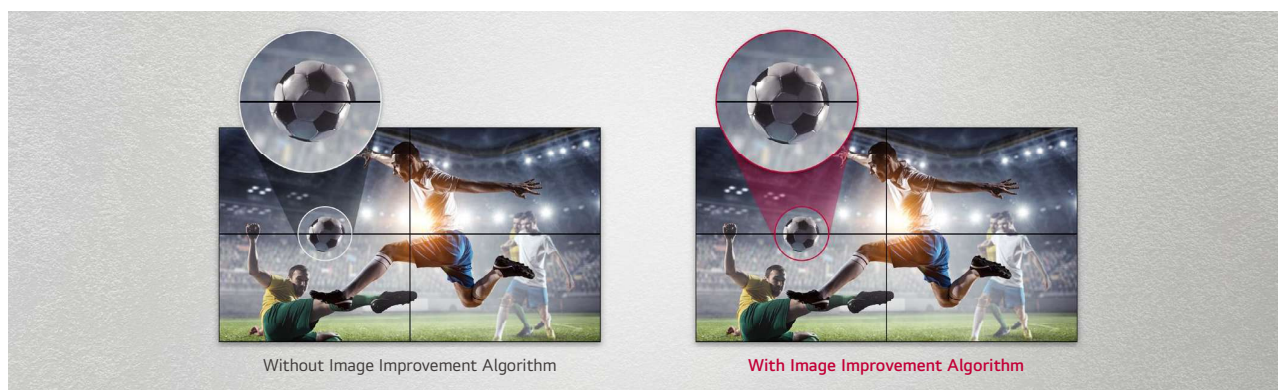


Image Sync Enhancement

The VM5R-H includes an image improvement algorithm that can synchronize fast-moving video content across tiled displays during video playback. Objects positioned along bezel boundaries are adjusted for a seamless viewing experience.

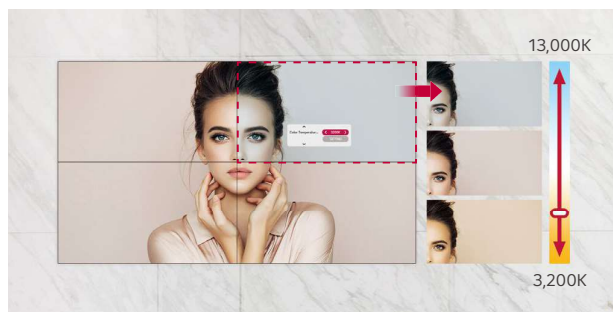


Super Wide Viewing Angle

The VM5R-H can be viewed from virtually any angle, delivering vivid images across the entire display without distortion—even when positioned above eye level. It captivates the attention of viewers with lifelike images, regardless of their viewing position.

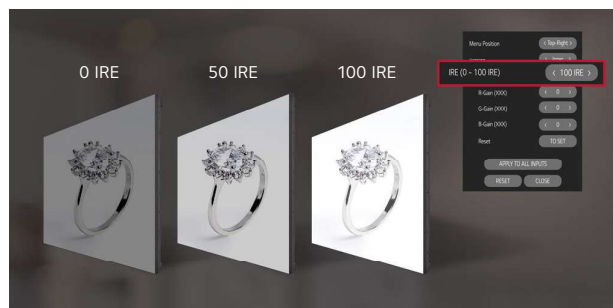
* Results are based on in-house testing. Actual test results may vary depending on the environment and measuring equipment.

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Easy Color Adjustment

The color temperature of the display can be adjusted in increments of 100K simply by using a remote control, allowing you to easily set the color temperature that perfectly suits your content.



Simple White Balance Adjustment

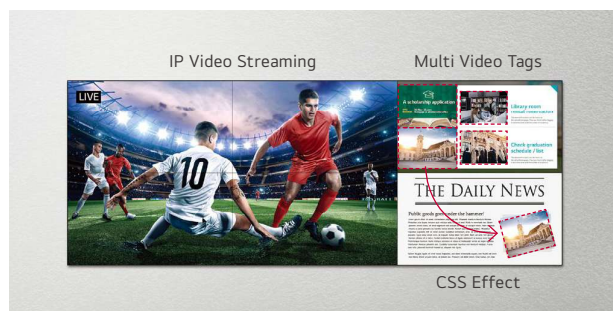
The VM5R-H allows you to achieve more detailed and precise white balance adjustment simply by tuning individual R/G/B values or the IRE Scale.



High-Performance with LG webOS 6.1

LG webOS 6.1 is available on the VM5R-H for smooth execution of multiple tasks. The LG webOS smart signage platform enhances user convenience with an intuitive GUI*.

* GUI : Graphical User Interface



Flexible Content Creation

Four different videos can be played simultaneously via web apps, with various animation effects, such as scaling or rotating, applied using CSS (Cascading Style Sheets) transition effects. Real-time streaming is also available, providing flexibility to organize and diversify content free from capacity limits.

* Supported protocols : RTSP, RTP, HLS, UDP Multicast



Durability that Provides Reliability

Optimized for business environments, the VM5R-H is protected against salt, dust, iron powder, and humidity thanks to conformal partial coating on the power board, allowing for stable operation. In addition, its customer-centric feature, such as Shock Monitoring*, provides both reliability and satisfaction, ensuring the durability of the video wall.

* When a physical impact occurs on the product, an alert is sent to the administrator through the media controller.

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EMC Class B Certified

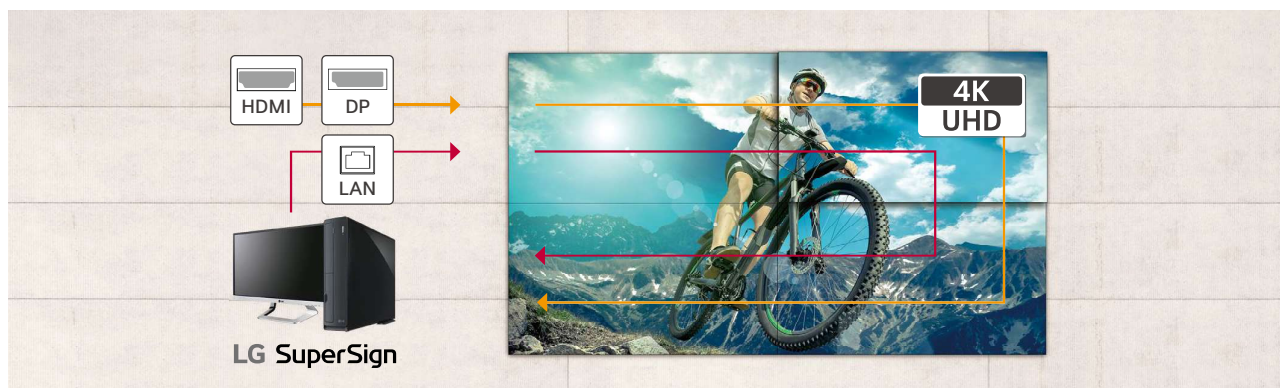
The VM5R-H is EMC Class B certified, meeting requirements for electronic equipment used in residential as well as commercial, industrial, and business environments. As a result, it is suitable for close-range applications such as corporate meeting rooms and boardrooms.



LG ConnectedCare

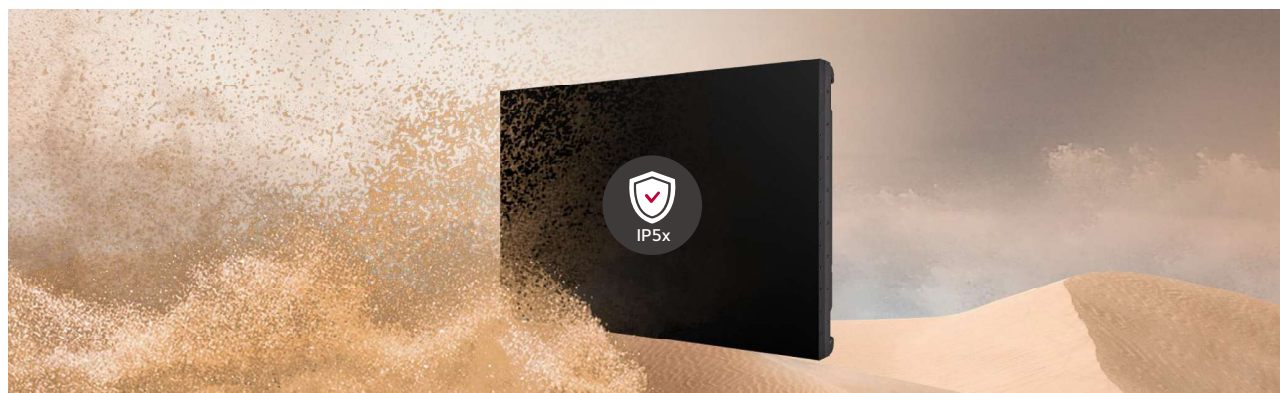
Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.



Daisy Chain Capability

A LAN daisy chain allows you to control and monitor video walls and even update the firmware at once. Also, through UHD daisy chain using HDMI and DisplayPort, you can easily set up a UHD video wall without the need for DisplayPort MST.



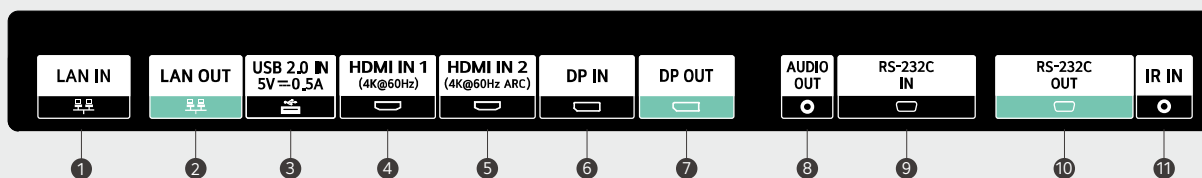
IP5x Certified Design

With the IP5x Dust-Proof Certification, the product is protected from dust, reducing the risk of performance degradation.

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CONNECTIVITY

55"



① LAN IN

② LAN OUT

③ USB 2.0 IN

④ HDMI IN 1

⑤ HDMI IN 2

⑥ DP IN

⑦ DP OUT

⑧ AUDIO OUT

⑨ RS-232C IN

⑩ RS-232C OUT

⑪ IR IN



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