
High Brightness Video Wall

55VX1D

Video walls have been applied in various locations to attract passersby and deliver advertisements, but the effect can sometimes be hampered due to natural light or bright indoor lighting conditions. The LG VXID delivers extremely clear images with color that remains vivid, even in very bright environments, and an immersive viewing screen with an ultra narrow bezel.



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55VX1D

Superior Picture Quality

Clear and Vivid Screen

Other video walls are unable to sufficiently display content due to low visibility under bright lighting. LG's new high brightness video wall stands out against such backgrounds, with a high luminance of 1,500 cd/m². It delivers advertisements clearly under the brightest lights.



500 cd/m²



1500 cd/m²

*For exterior window-facing video walls, the conditions of the installation site should be checked in advance.

Ultra Narrow Bezel

The 3.5mm ultra narrow bezel size creates immersive and seamless viewing experiences on assembled video wall screens.



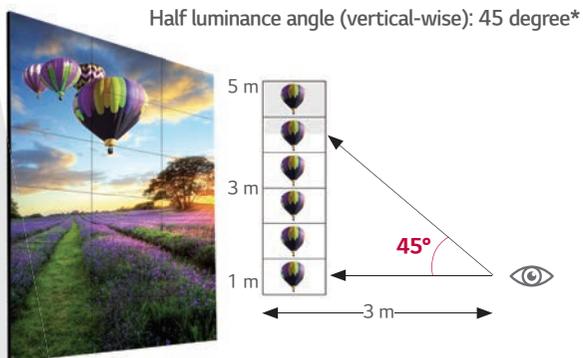
→ ← Bezel to Bezel **3.5mm**
2.25mm (Left/Top)
1.25mm (Right/Bottom)

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Superior Picture Quality

Wide Viewing Angle

Stable image reproduction is critical in video walls, as it is usually installed in places above eye level and is seen from various angles. Thanks to the IPS panel and the high half luminance angle, VX1D delivers the best picture quality from any viewer position.



*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 VX1D generates high visibility and a consistent brightness across the whole screen.



Conventional
(80%)



55VX1D

Consistent White Balance

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.



Conventional



55VX1D

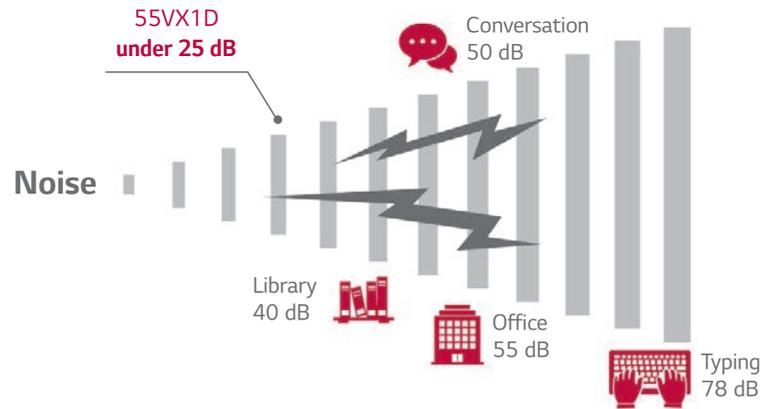
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55VX1D

Quiet Operation

Fan-Less Noise Reduction

55VX1D is the perfect choice for an in-window environment due to the removal of the cooling fan. Its operating noise level is under 25 dB, which is quieter than a recording studio (30 dB).



Smart Platform

Built-in SoC and Synced Playback

The optimized built-in quad-core SoC* in the 55VX1D 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.



- 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)

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Enhanced Usability

Convenient UX for Video Wall

Depending on the content, the color temperature of the screen can be easily adjusted by users with a remote control. Also, the settings for tile mode and content playback become more convenient because the dedicated menu is specialized based on the visual guide.



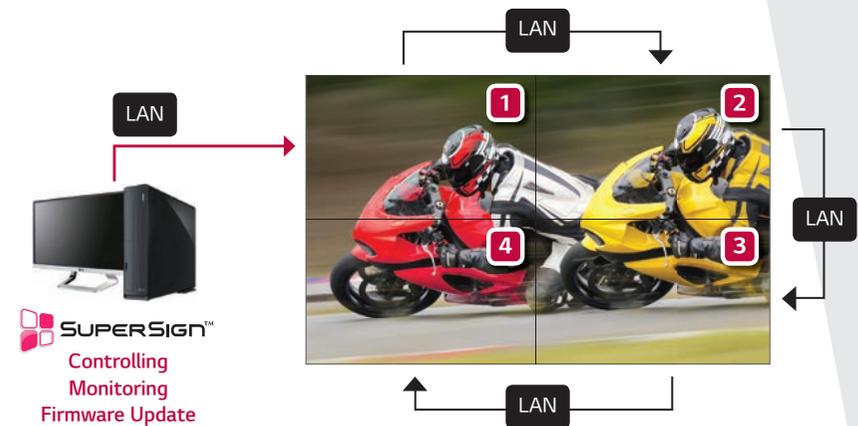
Color Temperature



Easy Setting

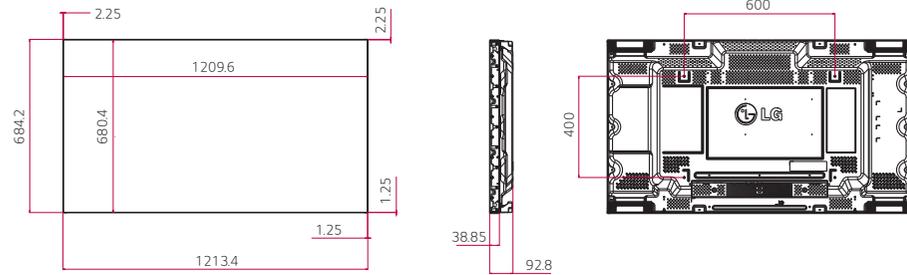
Easy Management with LAN Daisy Chain

The LAN daisy chain allows users to control and monitor signage, distribute content, and even update firmware all at once.

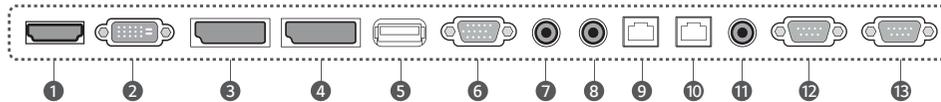


Dimension

55"



Connectivity



- | | | |
|------------|------------------|---------------|
| ① HDMI IN | ⑥ RGB/COMPONENT/ | ⑪ IR IN |
| ② DVI-D IN | ⑦ AUDIO IN | ⑫ RS-232C IN |
| ③ DP IN | ⑧ AUDIO OUT | ⑬ RS-232C OUT |
| ④ DP OUT | ⑨ LAN IN | |
| ⑤ USB IN | ⑩ LAN OUT | |

Specifications

		55VX1D
PANEL	Screen Size	55"
	Panel Technology	IPS
	Aspect Ratio	16:9
	Native Resolution	1,920 x 1,080 (FHD)
	Brightness	1,500 cd/m ²
	Contrast Ratio	1,300:1
	Dynamic CR	500,000:1
	Viewing Angle (H x V)	178 x 178
	Response Time	8 ms (G to G)
	Surface Treatment	Hard Coating (2H), Anti-glare Treatment of the Front Polarizer (Haze 3% Typ.)
Operation Hours	24 Hours	
Orientation	Landscape & Portrait	
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio In, USB 3.0
	Output	DP, Audio Out
	External Control	RS232C In/out, RJ45 In/out, IR Receiver In
PHYSICAL SPECIFICATION	Bezel Color	-
	Bezel Width (B to B)*	2.25 mm (L/T) / 1.25 mm (R/B)
	Monitor Dimension (W x H x D)	1,213.4 x 684.2 x 92.8 mm
	Weight (Head)	23.5 kg
	Carton Dimensions (W x H x D)	1,353 x 855 x 263 mm
	Packed Weight	36.6 kg
	VESA™ Standard Mount Interface	600 x 400 mm
SPECIAL FEATURES	Temperature Sensor, Tile Mode (Up to 15 x 15), Natural Mode @Tile Mode, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB, Internal memory (8GB, System 4GB + Available 4GB), USB Cloning, Contents Scheduling, Fail Over, Media Share	
ENVIRONMENT CONDITIONS	Operation Temperature Range	0°C - 40°C
	Operation Humidity Range	10% - 80%
POWER	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-In Power
	Power Consumption	Typ. / Max. 250 W / 280 W
	Smart Energy Saving	213 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	-
	External Media Player Attachable	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign Premium
	Control and Monitoring Software	SuperSign Link
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)

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