

Smart Video Wall with Ultra Narrow Bezel

Video walls are key to differentiating your store's image, enriching the shopping experience and displaying products. The 49VL5PF is an optimum model for such demands, with an ultra narrow bezel offering seamless viewing experience. Using a webOS-based platform, it is possible to edit, change, and distribute content at any time without the need for media players.



UHD Daisy Chain



3.5 mm Ultra Narrow Bezel



webOS Smart Platform



Convenient Maintenance



Ultra Narrow Bezel

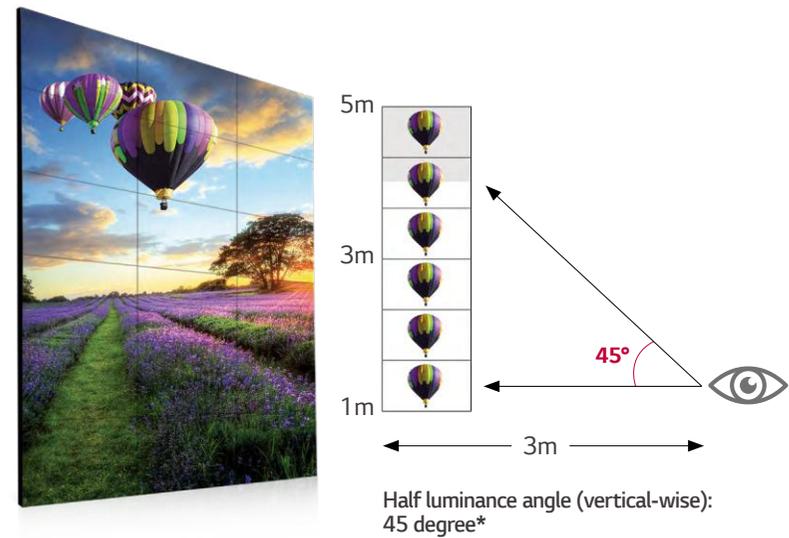
The 3.5mm ultra narrow bezel size creates immersive and seamless viewing experiences on assembled video wall screens.



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

Wide Viewing Angle

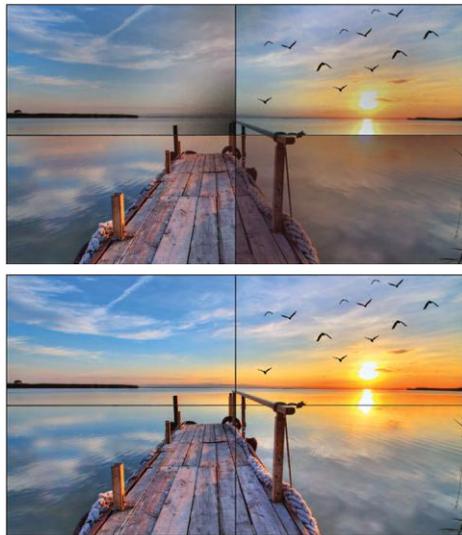
Stable image reproduction is critical in video walls, as they are usually installed in places above eye level and are seen from various angles. Thanks to the IPS panel and the high half luminance angle, 49VL5PF delivers the best picture quality from any viewing position.



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

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.

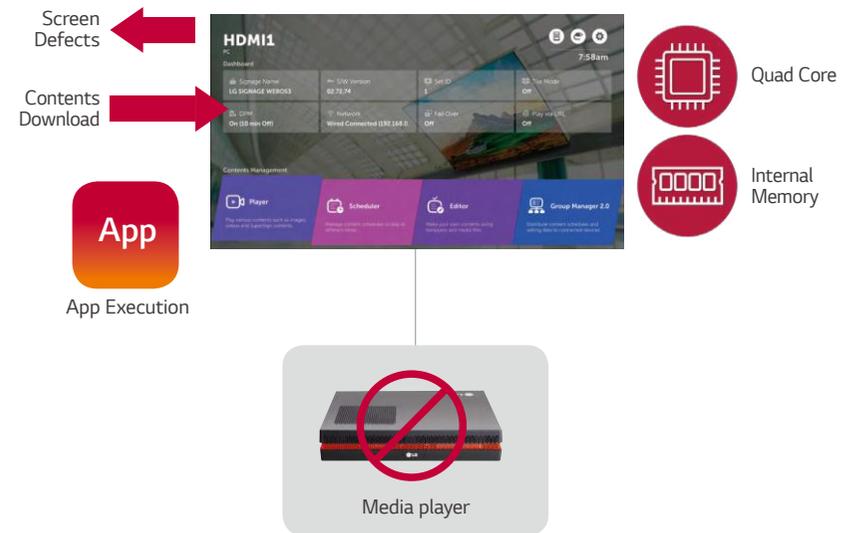


Conventional

49VL5PF

High-Performance SoC with webOS

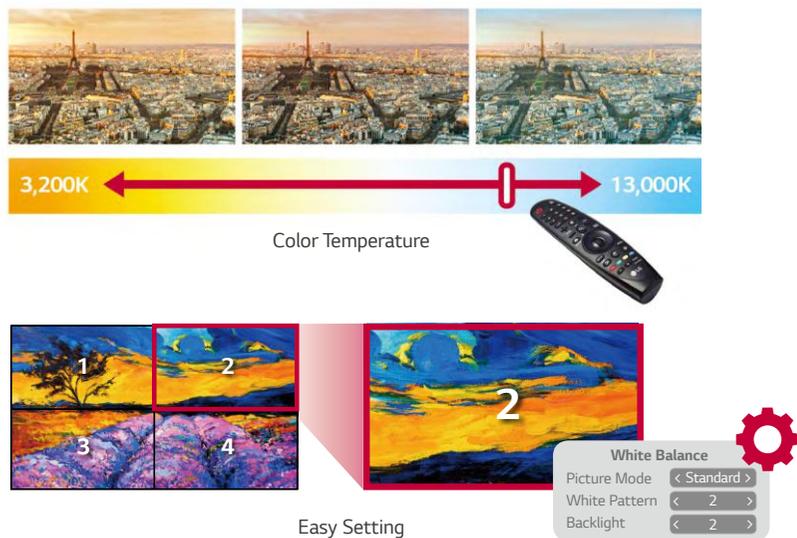
Quad Core SoC* can execute several tasks at the same time without a separate media player, saving TCO. Due to its internal memory, pre-loaded contents are displayed without external inputs. In addition, webOS platform enhances user convenience with intuitive UI and simple app development tools.



* System on Chip

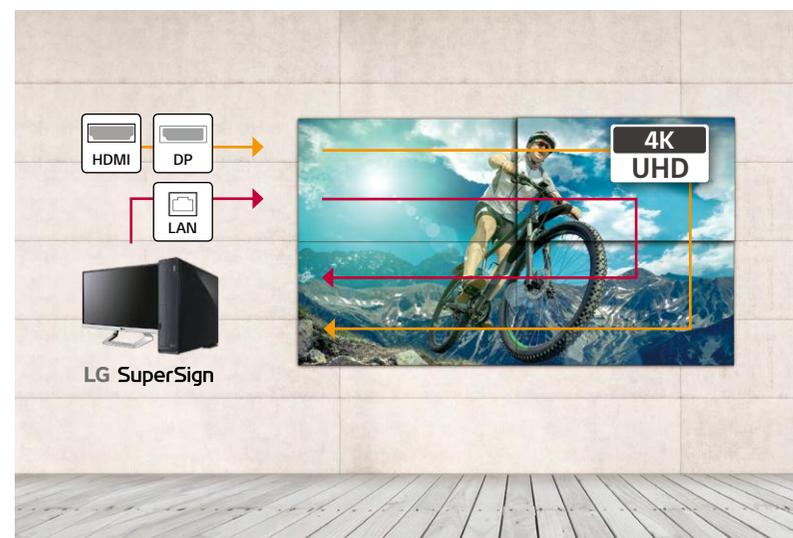
Dedicated Menu for Video Wall

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 white balance become more convenient because the dedicated menu is specialized based on the visual guide.

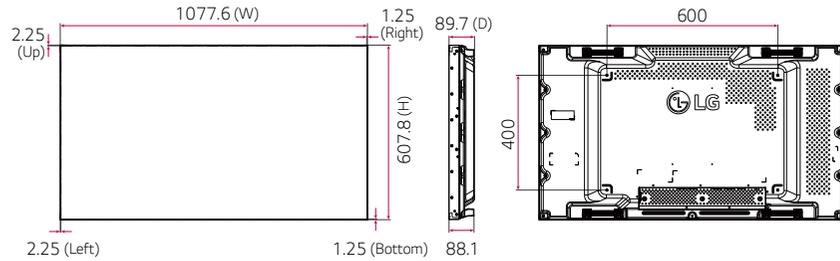


Daisy Chain Capability

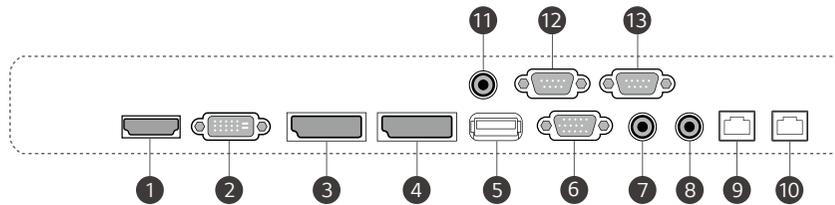
A LAN daisy chain allows you to control and monitor video walls and even update their firmware at once. Also, through UHD daisy chain using HDMI and DisplayPort, you can easily set up a UHD video wall without the need of DisplayPort MST or Matrox graphics card.



DIMENSION (unit: mm)



CONNECTIVITY



- | | | |
|------------|---------------------------|----------------|
| 1 HDMI IN | 6 RGB / COMPONENT / AV IN | 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 | |



* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.

SPECIFICATION

		49VL5PF
Panel	Screen Size	49"
	Panel Technology	IPS
	Native Resolution	1,920 × 1,080 (FHD)
	Brightness (Typ.)	450 nit
	Contrast Ratio	1,300 : 1
	Dynamic CR ¹⁾	500,000 : 1
	Color Gamut	NTSC 72 %
	Viewing Angle (H × V)	178 × 178
	Color Depth	1.07 Billion Colors (10 bit)
	Response Time	8 ms (G to G)
	Surface Treatment (Haze)	Haze 3 %
	Operation Hours (Hours / Day)	24 / 7
	Portrait / Landscape	Yes / Yes
Connectivity	Input	HDMI, DP, DVI-D, RGB, Audio, USB 3.0 Type A
	Output	DP, Audio
	External Control	RS232C In / Out, RJ45 In / Out, IR In
Mechanical Specification	Bezel Color	Black
	Bezel Width	2.25 mm (T/L) / 1.25 mm (R/B)
	Weight (Head)	17.8 kg
	Monitor Dimensions (W × H × D)	1,077.6 × 607.8 × 89.7 mm
	Handle	Yes
	VESA™ Standard Mount Interface	600 × 400 mm
Key Feature	Internal Memory (8 GB), Temperature Sensor, webOS 3.0+, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (2, not support audio mute), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP/ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected ^{®2)} , Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC ³⁾ , SI Server Setting, webRTC	
Environment Conditions	Operation Temperature	0 °C to 40 °C
	Operation Humidity	10 % to 80 %
Power	Power Supply	AC 100 - 240 V-, 50 / 60 Hz
	Power Type	Built-In Power
	Power Consumption	Typ. / Max. 90 W / 110 W BTU (British Thermal Unit) 307 BTU / Hr (Typ.), 375 BTU / Hr (Max.)
Sound	Speaker	No
Certification	Safety	CB / NRTL
	EMC	FCC Class "A" / CE / KC
	ErP	Yes
Media Player Compatibility	OPS Type Compatible	No
Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor	
Accessories	Basic	Remote Controller, Power Cord, RS232C Cable, LAN Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual
	Optional	Wall Mount (Landscape : WM-L640V / Portrait : WM-P640V)

¹⁾ The luminosity ratio of Full Black / Full White color on video input condition.

²⁾ Network based control

³⁾ Compatibility may differ by equipment.

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



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