





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


## Video Wall VL5PJ

# Artistic Immersion, Overwhelming Captivation



 Daisy Chain Capability

 Ultra Narrow Bezel

 Easy Color Adjustment

 Efficient Operation

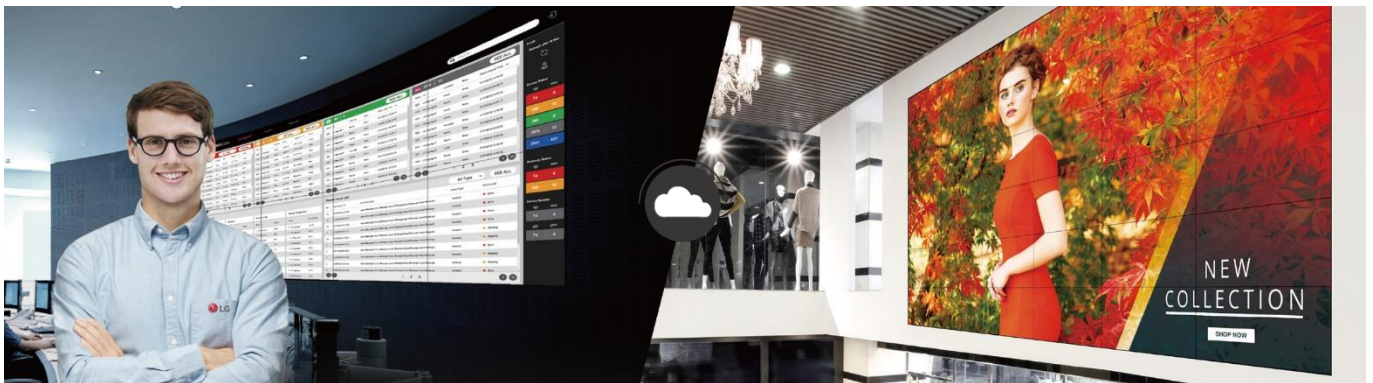
### VL5PJ

Screen Size	55" / 49"
Aspect Ratio	16 : 9
Native Resolution	FHD (1,920 × 1,080)
Brightness	500 nit (Typ.)
Contrast Ratio	1,200 : 1 (55") / 1,000 : 1 (49")



## Daisy Chain Capability

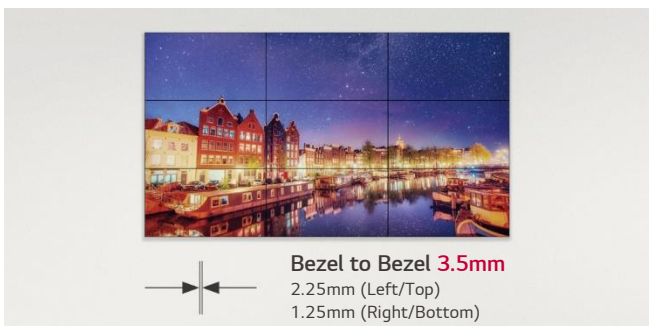
By using this daisy-chained network feature, you can execute commands such as controlling, monitoring and even updating firmware.



## Real-Time LG ConnectedCare

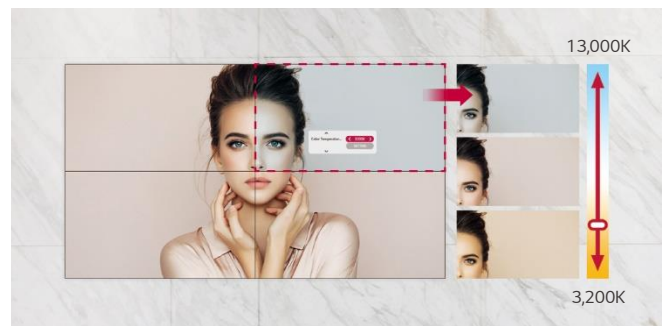
Maintenance is easy and fast with the optional LG ConnectedCare\* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

\* LG ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.



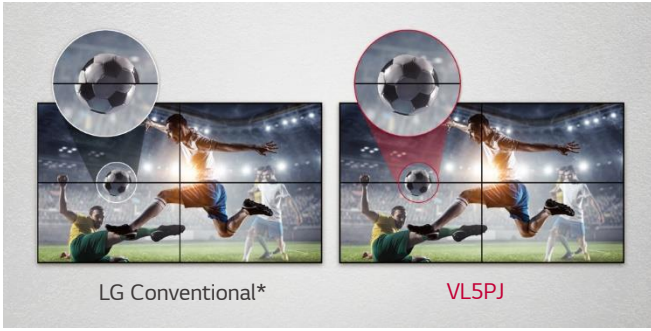
## Ultra Narrow Bezel

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



## Easy Color Adjustment

Depending on the content, the color temperature of the display can be easily adjusted in increments of 100K using a remote control.



### Image Gap Reduction

The VL5PJ includes an image improvement algorithm that can reduce image gaps among tiled displays when playing back videos. Objects located on the bezel boundaries are adjusted for a seamless viewing experience.

\* The "LG Conventional" refers to displays which do not include an image improvement algorithm.  
 \*\* The image shown above are for illustration purposes only.



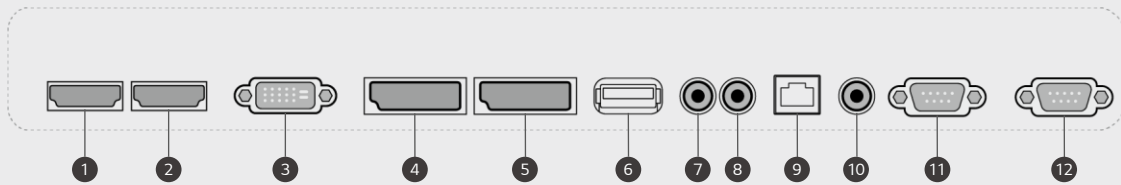
### High Performance and Great Scalability

Thanks to its built-in SoC and webOS smart signage platform, the VL5PJ can execute several tasks at once while providing smooth content playback without the need for a media player. As webOS supports HTML5 as a web-based platform and offers SDK (Software Development Kit), it is even easier for SIs to build and optimize their web apps.

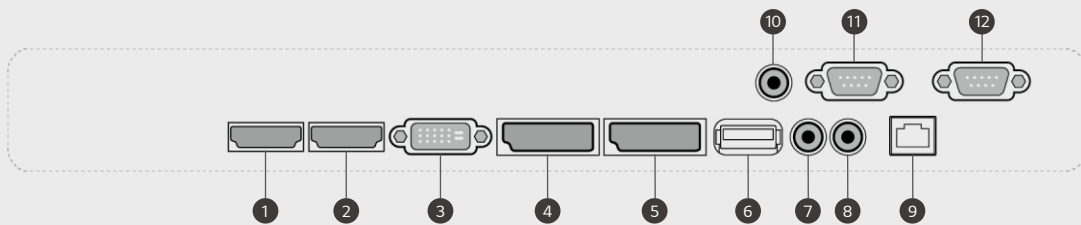
\* SDK can be downloaded with the link below.  
 (<https://webossignage.developer.lge.com>)

## CONNECTIVITY

55VL5PJ



49VL5PJ



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

\* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.



## SPECIFICATIONS

		55VL5PJ	49VL5PJ
Panel	Screen Size	55"	49"
	Panel Technology	IPS	IPS
	Native Resolution	1,920 × 1,080 (FHD)	1,920 × 1,080 (FHD)
	Brightness	500 nit (Typ.)	500 nit (Typ.)
	Contrast Ratio	1,200 : 1	1,000 : 1
	Dynamic CR	500,000 : 1	500,000 : 1
	Color Gamut	NTSC 72%	NTSC 72%
	Viewing Angle (H x V)	178 × 178	178 × 178
	Color Depth	10 bit, 1.07 Billion Colors	10 bit, 1.07 Billion Colors
	Response Time	8 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	3%	3%
	Operation Hours (Hours/Day)	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI 2 (HDCP 2.2), DP (HDCP 2.2), DVI-D (HDCP 1.4), Audio In, RS-232C In, RJ45 (LAN), IR In, USB 2.0 Type A	
	Output	DP Out (Input : HDMI / DVI / DP), Audio Out, RS-232C Out	
Mechanical Specification	Bezel Color	Black	Black
	Bezel Width	2.25 / 1.25 / 2.25 / 1.25 mm (T/R/L/B)	2.25 / 1.25 / 2.25 / 1.25 mm (T/R/L/B)
	Weight (Head)	23.5 kg	17.8 kg
	Monitor Dimension (W × H × D)	1,213.4 × 684.2 × 93.1 mm	1,077.6 × 607.8 × 89.7 mm
	Handle	Yes	Yes
	VESA™ Standard Mount Interface	600 × 400 mm	600 × 400 mm
Key Feature	Internal Memory (8 GB), Temperature Sensor, webOS 4.1, Embedded CMS (Local Contents Scheduling, Group Manager) USB Plug & Play, Fail Over, Background Image (No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), 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, 3 <sup>rd</sup> Party Compatibility (Crestron Connected <sup>®1</sup> ), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready) HDMI-CEC <sup>2</sup> , SI Server Setting, webRTC, ProIdiom, W/B Setting by Grey Scale, Scan Inversion		
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	135 W / 150 W	110 W / 120 W
	BTU (British Thermal Unit)	461 BTU/Hr (Typ.), 512 BTU/Hr (Max.)	375 BTU/Hr (Typ.), 409 BTU/Hr (Max.)
Certification	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes / Yes (8.0 (Global))	Yes / Yes (8.0 (US Only))
Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, LG ConnectedCare <sup>3</sup>		
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues (Europe), Dutch, Czech, Greek, Turkish, Arabic		
Accessory	Basic	Remote Controller, Power Cord, RS-232C Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual	
Special Feature	IP5X tested		

<sup>1</sup>) Network based control

<sup>2</sup>) Compatibility may differ by equipment.

<sup>3</sup>) The availability can differ by region.

\* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



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