LG | Business Solutions

DYNAMIC SPORTS

**Video Wall** VL5PJ

# Artistic Immersion, Overwhelming Captivation

- Daisy Chain Capability
- Ultra Narrow Bezel
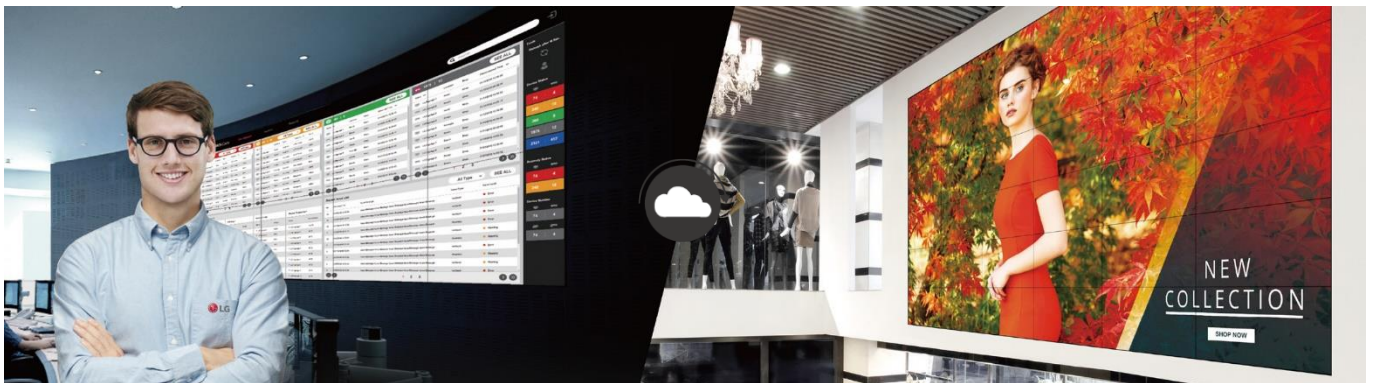- Easy Color Adjustment
- Efficient Operation

| 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") |

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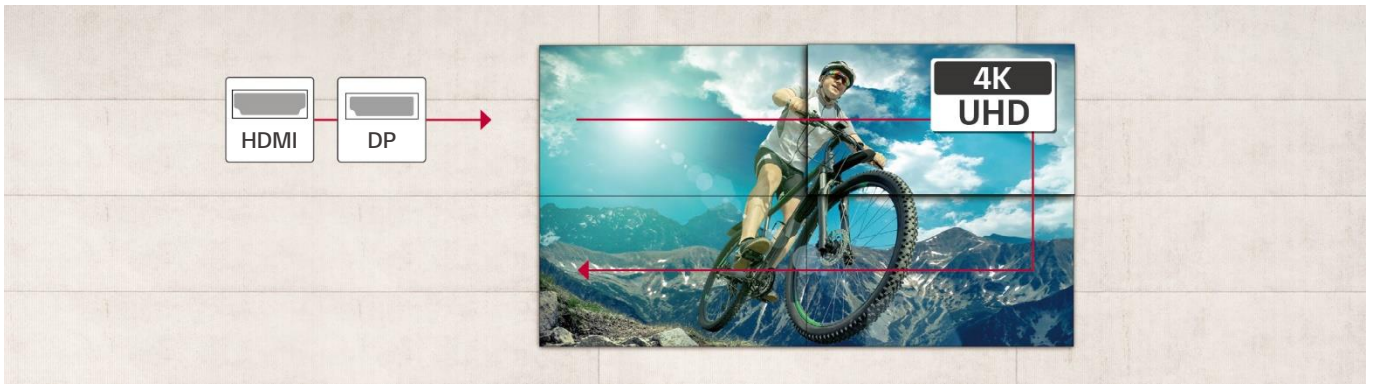
## Daisy Chain Capability

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.



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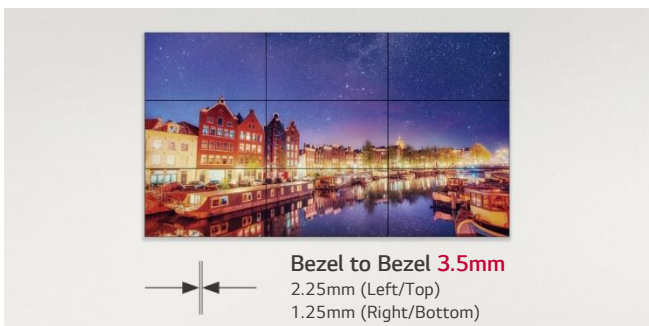
## Ultra Narrow Bezel

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



13,000K

3,200K
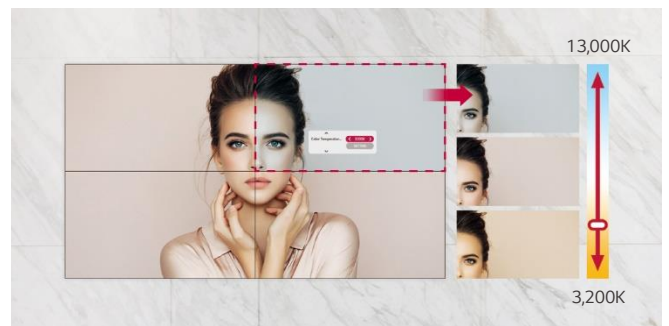
## Easy Color Adjustment

Depending on the content, the color temperature of the display can be easily adjusted in increments of 100K using a remote control.
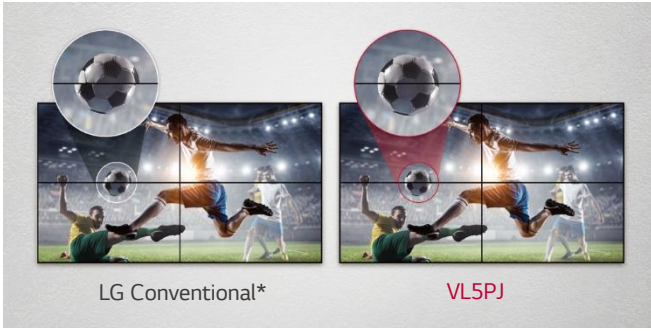
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LG Conventional*  VL5PJ

## 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.
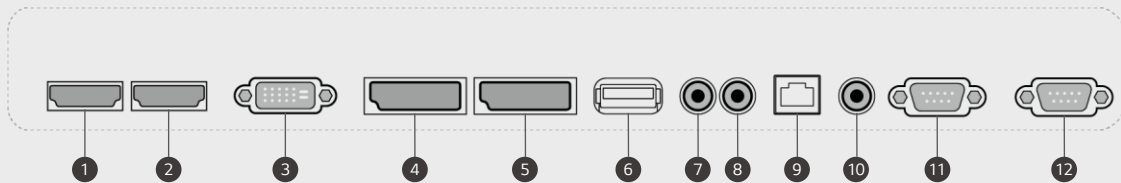** The image shown above are for illustration purposes only.



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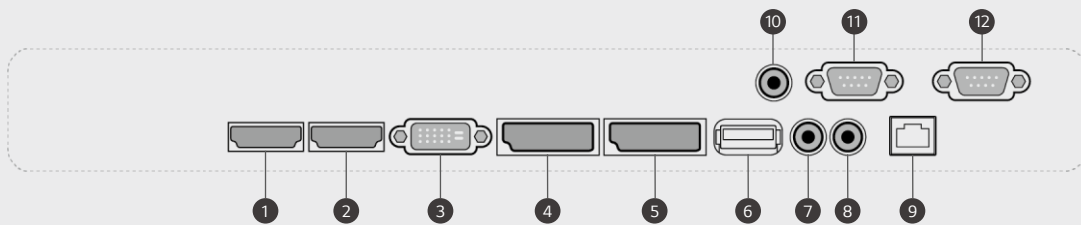
* SDK can be downloaded with the link below.
  (https://webossignage.developer.lge.com)

## CONNECTIVITY

55VL5PJ



49VL5PJ



| | | | |
|---|---|---|---|
| ❶ HDMI IN 1 | ❹ DP IN | ❼ AUDIO IN | ❿ IR IN |
| ❷ HDMI IN 2 | ❺ DP OUT | ❽ AUDIO OUT | ⓫ RS-232C IN |
| ❸ DVI-D IN | ❻ USB IN | ❾ LAN INT | ⓬ RS-232C OUT |

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

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# 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, 3rd Party Compatibility (Crestron Connected®[1]), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready) HDMI-CEC[2], SI Server Setting, webRTC, Pro:Idiom, 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[3] | |
| **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 | |

[1] Network based control
[2] Compatibility may differ by equipment.
[3] 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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