Artistic Space
Beyond Display, LG Wallpaper OLED Signage

65EJ5E
This sophisticated wallpaper OLED signage achieves the best possible picture quality, concealing its presence by blending in with the wall. Minimal space is required for installation, which simplifies the construction process. The luxurious atmosphere generated with this signage will provide customers with an extraordinary “VIP” experience.
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Unrivaled Picture Quality

Perfect Black
Limitless contrast and the deepest blacks
Self-lighting pixels switch off completely to reproduce absolute blacks with no light bleed, offering infinite contrast

Perfect Color
Accurate & stable color reproduction
Self-lighting pixels bring colors to life with superb accuracy.

Perfect Viewing Screen
Wide viewing angle
LG OLED Signage delivers awe-inspiring picture quality across the entire screen, even from wide viewing angles.
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Ultimate Elegance of Design

Perfect Design

LG’s OLED technology unlocks the new worlds of design flexibility with this unbelievably lightweight and slim display. The advantages the OLED display range from easier installation to a jaw-dropping sleek appearance.

Hide in Plain Sight

The subtle edge of the wallpaper OLED blends in with the wall, giving audiences the sensation that content is being played directly within the wall itself. Integrating with and adding to a luxurious interior design, the wallpaper OLED is an effective method for delivering advertisements and information.
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Realizing an Immersive View

N×N Expandable Screen Size

By tiling up displays horizontally and vertically, the screen size can be as large as users want. Expansive, large screens are more effective at moving viewers by providing an incredibly immersive viewing experience.

LAN Daisy Chain Management

A LAN daisy chain allows you to quickly and easily execute commands to control and monitor all of the screens and even update their firmware.

Seam (On-Bezel)

① 18.8(T+B) mm
② 16.6(L+R) mm
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**Easy Installation**

**Installation Optimized for Simple Tiling**

The installation process of the wallpaper OLED has gotten much easier. Once the dedicated “wall fixers” are driven into a wall, a display can be easily hung on them. Video wall tiling has become more convenient, thanks to its front installation feature, which departs from the conventional side-sliding method.

**Enhanced Flexibility of Cables**

As a result of in-depth consideration of typical use cases, improvements have been made to the flexibility of common cables connecting the display to the signage box. These new cables are pliable enough to be easily embedded in a wall or other structure.
**Dimensions (unit: mm)**

65"

**Head**

**Signage Box**

**Connectivity (Signage Box)**

1. USB 2.0
2. HDMI IN
3. DP IN
4. DP OUT
5. LAN IN
6. LAN OUT
7. AUDIO OUT
8. RS232C IN
9. RS232C OUT
10. IR IN
11. AUDIO OUT

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
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</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>65&quot;</td>
</tr>
<tr>
<td>Panel Technology</td>
<td>OLED</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>3,840 x 2,160 (UHD)</td>
</tr>
<tr>
<td>Brightness (Typ.)</td>
<td>400/150 nits (APL, 25%/100%)</td>
</tr>
<tr>
<td>Viewing Angle (H x V)</td>
<td>178° x 178°</td>
</tr>
<tr>
<td>Response Time</td>
<td>1ms (G to G), 10.7ms (MPRT)</td>
</tr>
<tr>
<td>Surface Treatment (Maze)</td>
<td>Hard-Coating (2H)</td>
</tr>
<tr>
<td>Life Time (Typ.)</td>
<td>30,000 Hrs</td>
</tr>
<tr>
<td>Operation Hours</td>
<td>12 Hrs / 7 Days (Moving Video Only)</td>
</tr>
<tr>
<td>Orientation</td>
<td>Portrait &amp; Landscape</td>
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<tr>
<td>Input</td>
<td>HDMI, DP, USB 2.0 (2)</td>
</tr>
<tr>
<td>Output</td>
<td>DP Audio</td>
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<tr>
<td>External Control</td>
<td>RS232C In/out, IR45 In/out, External IR Receiver</td>
</tr>
</tbody>
</table>

**Physical Specification**

- Bezel Color: Black
- Bezel Width:
  - (Off bezel): 8.1 mm
  - (On bezel): 8.1 mm (T), 10.7 mm (B), 8.3 mm (L/R)
- Dimension (W x H x D):
  - (Head): 56.9" x 32.4" x 0.2" / 1,445.1 x 822.6 x 6.0 mm
  - (Signage Box): 29.7" x 9.4" x 1.4" / 754 x 239 x 35.5 mm
- Weight: 29.8 lbs / 13.5 kg (Set)
- Carton Dimensions (W x H x D):
  - 62.6" x 38.0" x 8.1" / 1,590 x 965 x 205 mm
- Packed Weight: 51.6 lbs / 23.4 kg

**Special Features**

- Internal Memory: 64GB
- Temperature Sensor: "webOS 3.0+
- Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager)
- Fail Over: Content Sync (RS232C, Local Network), OOS Rotation, Remote In/Out Setting, Setting Data Cloning, Firmware Update by Network, SNMP/SM Mode, Control Manager, Crestron Connected (IPM, Energy Saving, PL Mode), Wake on LAN, Power on Delay, PX86i-CEC, 12" Server Setting, webRTC

**Environments**

- Operation Temperature Range: 32°F ~ 104°F / 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.: 440 W (8 color bar) / 478 W (8 color bar)
- Standard (Certification):
  - EAC: 060950-1 / EN 60950-1 / UL 60950-1
  - FCC: Class A / CE / KC

**Media Player**

- ODS/Type Compatible: No

**Compatibility**

- External Media Player: Yes
- Content Management Software: SuperSign CMS
- Control and Monitoring Software: SuperSign Control + Control

**Accessories**

- Basic: Remote Controller (Two Batteries Included), Power Cord, QSG, IR Receiver, Regulation Book, Phone to RS232C Gender, RS232 Cable (4p-4p), FFC Cables (1, 150mm x 4ea for Connection Between Panel and Signage Box), DP Cable, LAN Cable, LC (VLC Cable)

1) Network Based Control
2) Compatibility may differ by equipment.

**Notes:**

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- SPEC_65EJ5E_101831_PR