LG Business Solutions

* All images are for illustrative purposes only.

**Transparent OLED** 55EW5G-A

# LG Transparent OLED

LG Transparent OLED displays offers new ways to communicate visually and opens up a whole new level of creativity that even conventional digital signage cannot offer.

- Astonishing Transparency
- Color with Great Depth
- Product Reliability
- 3M long MCX Cables (Accessory)

# SECURITY & COMPATIBILITY

## High Transparency

LG's Transparent OLED technology has a slim structure, not requiring a backlight unit or liquid crystal layer. It achieves a high transparency of 38% which is much higher than conventional transparent LCD displays (10%*). While clearly showing objects behind the screen, it overlays the relevant information immediately within the viewers' main focus.

* Based on LG's WFB series

## Accurate and Vivid Colors

Featuring self-lighting pixels, this display maintains vivid colors and high contrast ratio even when the display becomes transparent. It brings content to life from wide viewing angles, and the content blends into its surroundings seamlessly and naturally.

## Protective Tempered Glass

Touching a display directly can cause damage or scratches. The tempered front glass protects product from such external impacts and its anti-shatter glass is designed to minimize customers' injuries.

* Optically Clear Adhesive

## Expandable Design

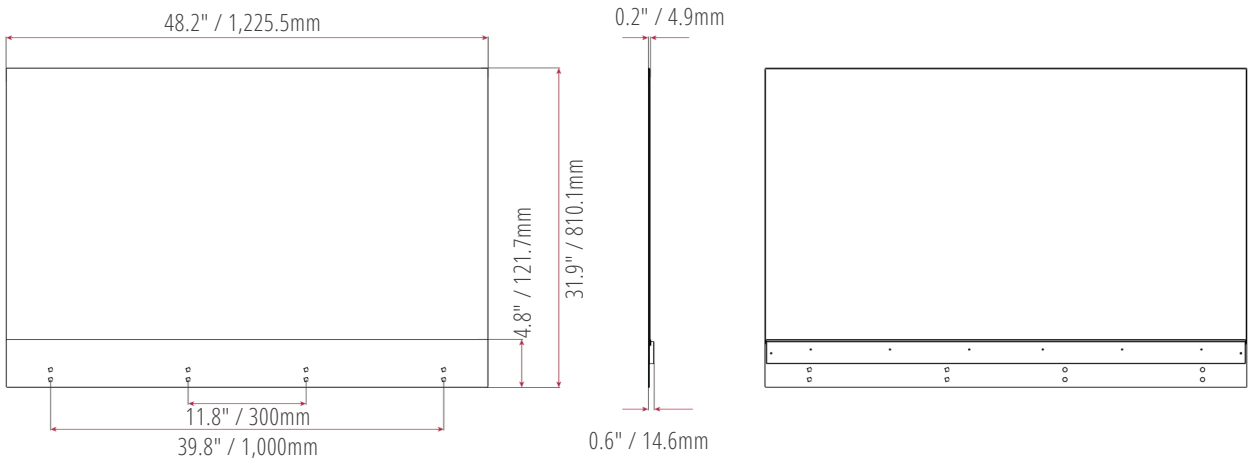
LG Transparent OLED Signage is designed as a semi-assembled display, meaning you can install it in various ways to fit into existing structures and spaces. With a variety of forms of installation*, it can complement any venue in which it is installed.

* Installation accessories are not supplied by LG.

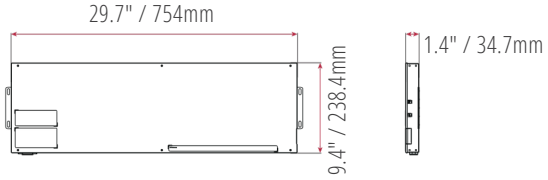
Image shown is for illustrative purpose only.

# DIMENSIONS

## 55"



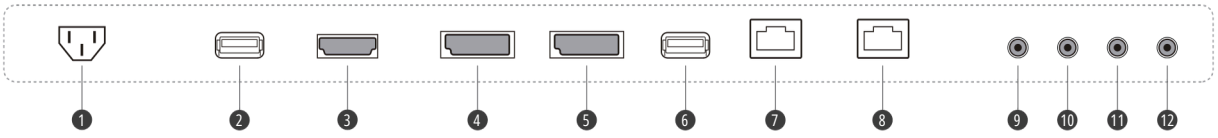

### SIGNAGE BOX




# CONNECTIVITY

## SIGNAGE BOX

### REAR




1 AC-IN
2 USB IN 2 (USB 2.0)
3 HDMI IN
4 DP IN
5 DP OUT
6 USB IN 1 (USB 2.0)
7 LAN IN
8 LAN OUT
9 IR IN
10 RS-232C IN
11 RS-232C OUT
12 AUDIO OUT

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

# SPECIFICATIONS

| | | | |
|---|---|---|---|
| PANEL | MODEL | | 55EW5G-A |
| | Screen Size | | 55" |
| | Panel Technology | | OLED |
| | Aspect Ratio | | 16:9 |
| | Native Resolution | | 1920 x 1080 (FHD) |
| | Refresh Rate | | 120Hz |
| | Brightness | | 400 nits |
| | Contrast Ratio | | 150,000:1 |
| | Color gamut | | BT709 120% |
| | Viewing Angle (H x V) | | 178° x 178° |
| | Color Depth | | 1.07 Bilion colors |
| | Response Time (G to G) | | 1 ms |
| | Surface Treatment (Haze) | | Hard coating (2H) |
| | Lifetime (Typ.) | | 30,000 Hrs |
| | Operation Hours (Hours/Day) | | 18/7 (Moving Content Only) |
| | Portrait / Landscape | | Yes / Yes |
| | HDMI | | Yes (1), HDCP1.4 |
| CONNECTIVITY | DP | | Yes (1), HDCP1.3 |
| | RS232C In | | Yes (1) |
| | RJ45(L AN) | | Yes (1) |
| | IR In | | Yes (1), External IR Receiver |
| | USB In | | USB2.0 Type A(2) |
| | DP Out | | Yes (1) |
| | Audio Out | | Yes (1) |
| | RS232C OUT | | Yes (1) (w/ IR out) |
| | RJ45 (LAN) | | Yes (1) |
| | Bezel Color | | Transparent |
| | Bezel Width (T/R/L/B): | | 7.9 / 7.9 / 7.9 / 121.7 mm |
| MECHANICAL | Weight | | 25.6 lbs / 11.6 kg |
| | Weight - Signage box | | 7.5 lbs / 3.4 kg |
| | Shipping Weight | | 50.9 lbs / 23.1Kg |
| | Dimensions (W x H x D) | | 48.2 x 31.9 x 0.2 in / 1225.5 x 810.1 x 4.9 mm |
| | Dimensions - Signage Box (W x H x D) | | 30.8 x 9.4 x 1.4 in / 782.8 x 238.4 x 34.7 mm |
| | Shipping Dimensions (W x H x D) | | 53.0 x 36.2 x 8.1 in / 1345 x 920 x 207mm |
| | VESATM Standard Mount Interface | | No |
| | | | 3.0mm |
| | | | Yes |
| | | | Yes (Film) |
| | Protection Glass | Depth | Yes |
| | | Chemical Strengthening | 32°F to 104°F / 0°C to 40°C |
| | | Anti-Ref lective | 10 % to 80 % |
| | | Shatter-Proof | 16 GB |
| | Operation Temperature | | Yes |
| | Operation Humidity | | webOS 4.0 |
| KEY FEATURES | Internal Memory | | Yes |
| | Temperature Sensor | | Yes |
| | webOS ver. | | Yes |
| | Local Contents Scheduling | | Yes |
| | Group Manager | | Yes |
| | USB Plug & Play | | Yes |
| | Fail over | | Yes (4) |
| | RS-232C Sync | | Yes |
| | Local Network Sync | | Yes |
| | Video Tag | | Yes |
| | Screen Rotation | | Yes |
| | External Input Rotation | | Yes |
| | Gapless Playback | | Yes |
| | Tile Mode Setting | | Yes |
| | Setting Data Cloning | | Yes |
| | SNMP | | Yes |
| | ISM Method | | Yes |
| | Auto Set ID | | Yes |
| | Status Mailing | | Yes |
| | Control Manager | | Yes |
| | Crestron Inside | | Yes |
| | PM mode | | 100-240 Vac, 50/60Hz |
| | Wake on LAN | | Built-In Power |
| | HDMI-CEC | | 250W / 853.03 BTU/Hr |
| | SI Server Setting | | 280W / 955.39 BTU/Hr |
| | Pro:Idiom DRM | | 3W |
| | Power Supply | | 0.5W |
| POWER | Power Type | | Yes (v3.0) |
| | Typ. Power Consumption | | Yes (v1.7 / v1.9) |
| | Max. Power Consumption | | Yes (v3.7.15) |
| | DPM | | Yes (v3.7) |
| | Power off | | Yes |
| | SuperSign CMS | | 3 Year Limted |
| LG SOFTWARE & SERVICES* | SuperSign Control / Control+ | | IEC 60950-1 / EN 60950-1 / UL 60950-1 |
| | SuperSign WB | | FCC Class "A" / CE / KC |
| | SuperSign Media Editor | | Yes |
| | LG ConnectedCare | | |
| | Warranty | | |
| WARRANTY & OTHER | EMC | | |
| | Regul ator y | | |
| | ErP | | |
| | Basic Accessories | | Remote Control (battery 2ea), Power Cord, QSG, IR receiver, Regulation Book, Phone to RS232C Gender, MCX/Harness Cables (3000mm x 4ea / 3000mm x 2ea) for connection between panel and Signage Box, DP Cable (2m), LAN Cable (1.5m), RS232 Cable (4P-4P,1.5m), LC Cable (VLC,3m) |
| | Optional Accessories | | Stand (ACC-S-EW5F, 2 Poll) |

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