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

Transparent OLED 55EW5PG-S

See the Unseen, LG Transparent OLED

- Astonishing Transparency
- Color with Great Depth
- Product Reliability
- Standalone Design

55EW5PGS

Screen Size	55"
Panel Technology	OLED
Native Resolution	1,920 × 1,080 (FHD)
Brightness	150/400 nit (APL 100% / 25%, Without Glass)
Transparency	38% (SET)
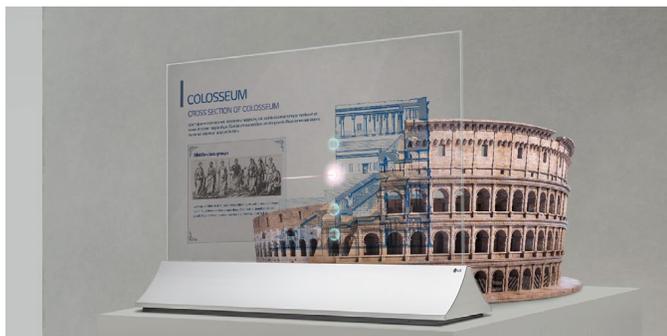
High Transparency

LG's OLED technology makes the Transparent OLED Touch Signage have slimmer structure without a backlight unit or a liquid crystal layer, achieving 33% transparency even with its P-Cap touch film. While clearly showing objects behind the screen, it overlays the relevant information in front, creating an amazing effect.

Accurate and Vivid Colors

Featuring self-lighting pixels, the display maintains vivid colors and a 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 virtually seamlessly and naturally.

Protective Tempered Glass

To prevent potential damage or scratches, the tempered front glass protects product from such external impacts, and its anti-shatter glass is designed to minimize risk in the event of extreme damage.

* OCR: Optically Clear Adhesive

Independent Design with a Stand

LG's standalone transparent display concept takes a step forward. The transparent OLED with a stylish stand maintains the tone and manner of the design in harmony with its surroundings rather than dominating your space.

CONNECTIVITY

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

DIMENSION (unit : mm)

0.26" /
6.5 mm

49.5" / 1,256.2 mm

48.2" / 1,225.5 mm

33.7" / 856.9 mm

6.6" /
167 mm
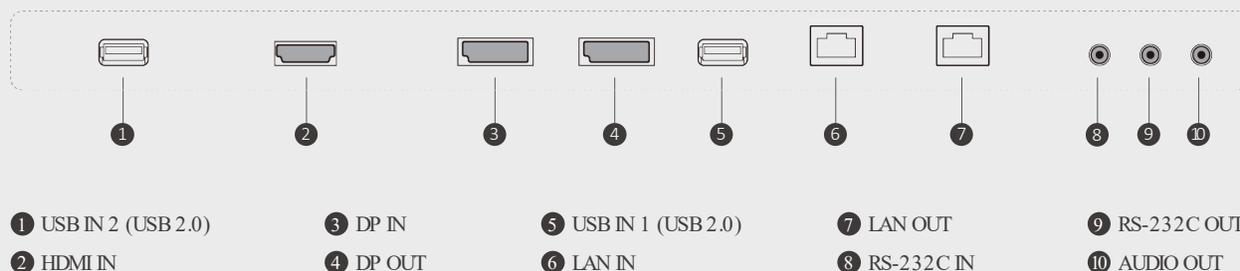
9.5" /
242mm
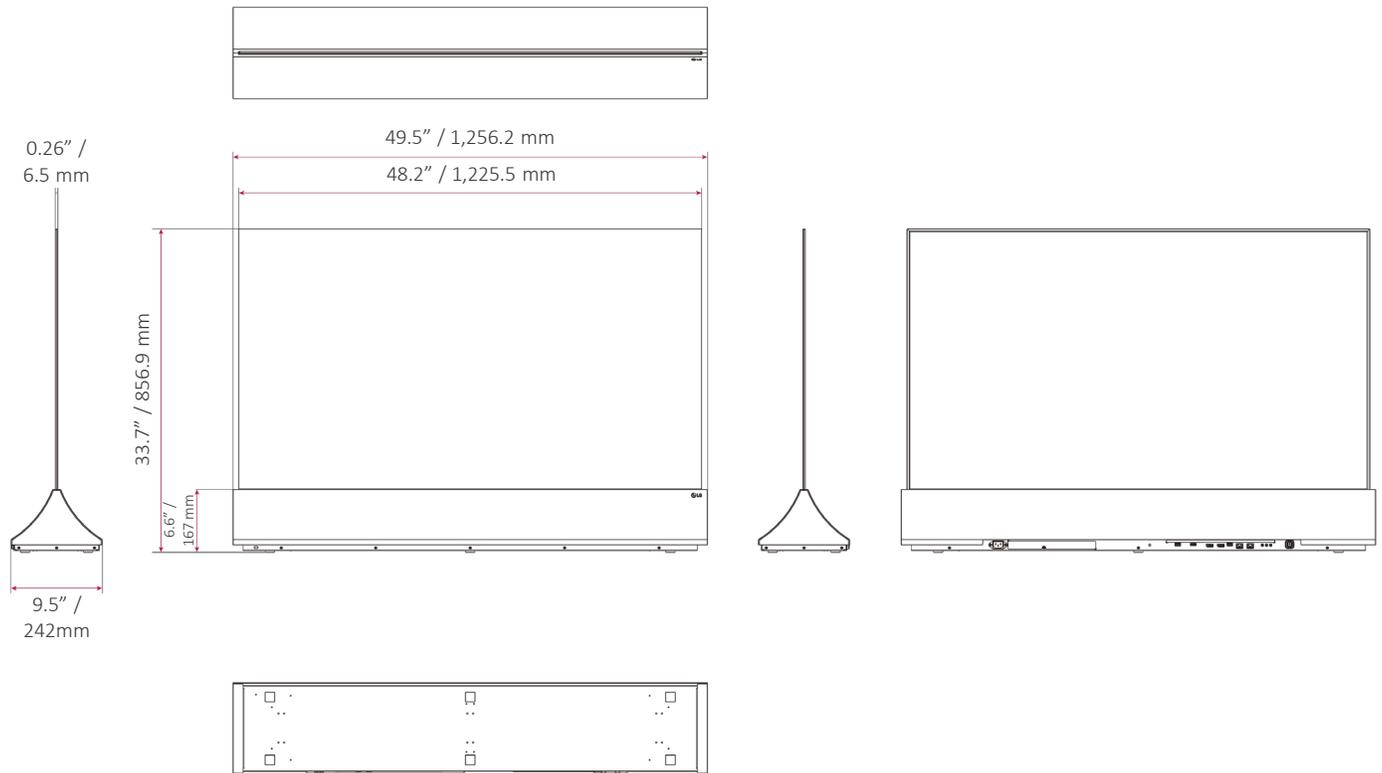
SPECIFICATIONS

55EW5PGS

Panel	Screen Size	55"
	Panel Technology	OLED
	Native Resolution	1,920 × 1,080 (FHD)
	Brightness	150/400 nit (APL 100%/25%, Without Glass)
	Contrast Ratio	150,000 : 1
	Dynamic CR	No
	Color Gamut	BT709 120%
	Viewing Angle (H × V)	178° × 178°
	Color Depth	10 bit (R), 1.07 Billion Colors
	Response Time	1 ms (G to G), 8 ms (MPRT)
	Surface Treatment (Haze)	Hard Coating (2 H)
	Operation Hours (Hours / Day)	18 / 7 (Moving Content Only)
	Portrait / Landscape	Yes / Yes
	Transparency	38% (SET)
Connectivity	Input	HDMI (HDCP 1.4), DP (HDCP 1.3), RS-232C, RJ45 (LAN), USB 2.0 (2, Type A)
	Output	DP, Audio, RS-232C (w/ IR Out), RJ45 (LAN)
Mechanical Specification	Bezel Color	Transparent
	Bezel Width	0.3 / 0.3 / 0.3 / 6.6 in. (T/R/L/B) 7.9 / 7.9 / 7.9 / 168.6 mm (T/R/L/B)
	Weight (Head)	62.4 lbs. / 28.3 kg
	Monitor Dimension (W × H × D)	49.5 x 33.7 x 9.5 in. 1,256.2 × 856.9 × 242 mm
	VESA™ Standard Mount Interface	No
	Protection Glass	Depth (3.0 mm), Chemical Strengthening, Anti-Reflective (Film), Shatter-Proof
Key Feature		Internal Memory (16 GB), Temperature Sensor, Local Key Operation, webOS 4.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Video Tag (4), Gapless Playback, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected®, PM Mode, Wake on LAN, HDMI-CEC[2], SI Server Setting, Pro:Idiom
Environment Conditions	Operation Temperature	32°F to 104°F 0°C to 40°C
	Operation Humidity	10 % to 80 %
Power	Power Supply	100-240 Vac, 50/60 Hz
	Power Type	Built-in Power
Power Consumption	Typ. / Max.	250 W / 280 W
	BTU (British Thermal Unit)	853.03 BTU/Hr (Typ.), 955.39 BTU/Hr (Max.)
Sound	Speaker	No
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes / No
	ePEAT	No
Software Compatibility		SuperSign CMS (v3.0), SuperSign Control / Control+ (v1.7 / v1.9), SuperSign WB (v3.7.15), SuperSign Media Editor (v3.7), LG ConnectedCare[3]
Language		English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Arabic
Accessory	Basic	Remote Controller, Power Cord, QSG, Regulation Book, Phone to RS-232C Gender, HDMI Cable (3 M), Cable Holder (2 ea)

[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 usage product.