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

Transparent OLED 55EW5P-M

LG Transparent OLED

Astonishing Transparency
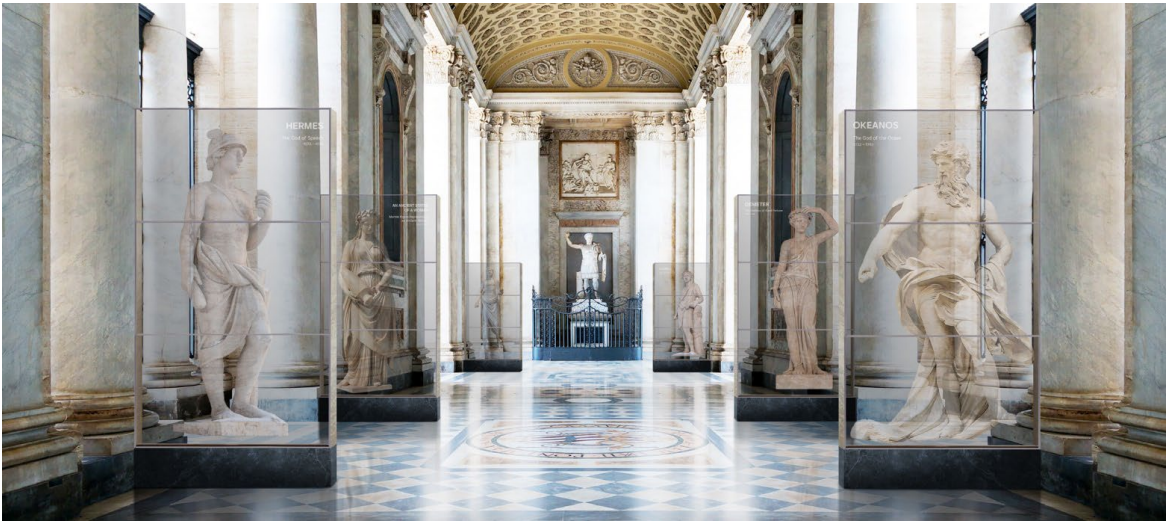
Color with Great Depth

Expandable Design

Product Reliability

55EW5P-M

Screen Size	55"
Panel Technology	OLED
Native Resolution	1,920 × 1,080 (Full HD)
Brightness	200 / 600 nits (APL 100% / 25%, without Glass)
Contrast Ratio	200,000:1
Portrait / Landscape	Yes / Yes

High Transparency

LG OLED technology enables the Transparent OLED Signage to have a sleek design without the need for a backlight unit or liquid crystal layer, achieving an impressive 43% transparency.* It clearly displays objects behind the screen while overlaying additional information directly in front of them.

* Transparency Testing Conducted in 2022 by LG Display Using a Hazemeter

Sleek Elegance in Transparency

Connecting spaces and adding a sense of openness, this transparent display boasts a beautiful design that complements high-end furniture and luxurious interiors. Its clean metal finish allows for easy installation on furniture, walls, or practically any desired location.

Expandable Design

Thanks to the improved mechanical design, it can be installed either as a single unit or as a transparent video wall to fit existing structures and spaces. Place this product in your dream space to enhance openness and aesthetics.

Metal Borders

M4 Apertures

Convenience of Installation & Stability

This product offers ease and stability during installation thanks to its metal borders and structure. In other words, the metal border applied to the bezel areas enhances the product's rigidity. Additionally, M4 apertures, which are widely-used globally, are incorporated into all rear corners to facilitate installation.
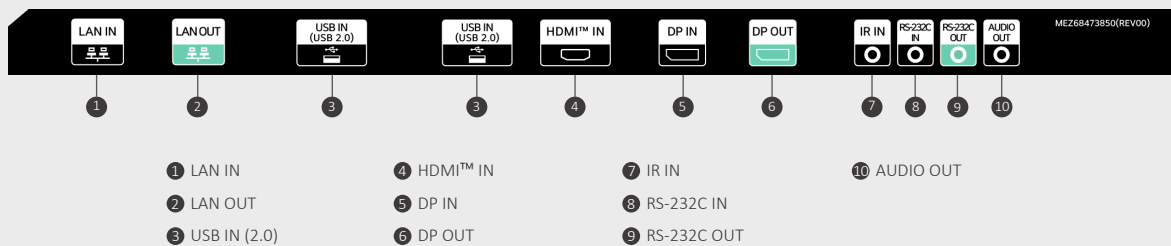
Elevates Virtually Any Setting

Experience the marvel of LG's state-of-the-art Transparent OLED Signage designed for use in various spaces. This product breaks down the barriers between the screen and reality, seamlessly connecting different spaces, objects, and people.

CONNECTIVITY

SIGNAGE BOX

MEZ68473850(REV00)

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

SPECIFICATIONS

55EW5P-M

Panel	Screen Size	55"
	Panel Technology	OLED
	Back Light Type	OLED
	Aspect Ratio	16 : 9
	Native Resolution	1,920 × 1,080 (FHD)
	Refresh Rate	120 Hz
	Brightness	200 / 600 nit (APL 100% / 25%, without Glass)
	Contrast Ratio	200,000 : 1
	Dynamic CR	No
	Color Gamut	DCI 90%, BT709 110%
	Viewing Angle (H × V)	178° × 178°
	Color Depth	10 bit (R), 1.07 Billion Colors
	Response Time	0.1 ms (G to G), 8 ms (MPRT)
	Surface Treatment (Haze)	Haze 3% (Set), Hard Coating (5 H)
	Lifetime*	30,000 Hours (Typ.)
	Operation Hours (Hours / Day)	18 / 7 (Moving Content Only)
	Portrait / Landscape	Yes / Yes
	Transparency	43% (Set)
	QWP (Quarter Wave Plate)	No
Connectivity	Input	HDMI (HDCP 2.2/1.4), DP (HDCP 1.3), RS-232C, RJ45 (LAN), IR (External IR Receiver), USB 2.0 Type A (x2), Daisy Chain (HDMI, DP)
	Output	DP, Audio, RS-232C, RJ45 (LAN), IR (Sharing RS-232C), Daisy Chain (DP)
Mechanical	Bezel Color	Transparent
	Bezel Width	12.2 mm Even (T/R/L/B)
	Weight	31.1 lbs. / 14.1 kg (Display), 5.7 lbs. / 2.6 kg (Signage Box)
	Shipping Weight	66.1 lbs. / 30.0 kg
	Display Dimensions (W × H × D)	48.7 x 28.3 x 3.4 in. / 1,237.6 × 717.9 × 86.5 mm
	Signage Box Dimensions (W × H × D)	15 x 8.6 x 2.9 in. / 381.6 × 217.6 × 73.6 mm
	Shipping Dimensions (W × H × D)	53.9 x 9.6 x 37.7 in. / 1,368 × 245 × 957 mm
	Conformal Coating (Power Board)	Yes
	Protection Glass — Thickness	0.1 in. / 3.0 mm
	Protection Glass — Chemical Strengthening	Yes
	Protection Glass — Anti-reflective	Yes (Film)
	Protection Glass — Shatter-proof	Yes
Key Features		Internal Memory (eMMC) 16 GB, Temperature Sensor, webOS 7.5, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, RS-232C Sync, Local Network Sync, Video Tag (4), Screen Rotation, External Input Rotation, Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, PM Mode, Wake on LAN, HDMI-CEC, SI Server Setting, Scan Inversion
Environment Conditions	Operation Temperature	32°F to 104°F / 0°C to 40°C
	Operation Humidity	10% to 80%
Electrical	Power Supply	100 to 240 Vac, 50/60 Hz
	Power Type	Built-In Power
	Power Consumption — Typ. / Max.	70 W (IEC 62087) / 230 W
	Power Consumption — BTU (British Thermal Unit)	239 BTU/Hr (Typ.), 785 BTU/Hr (Max.)
	Power Consumption — DPM	0.5 W
	Power Consumption — Power Off	0.5 W
Regulatory	FCC	Class "A"
	CE	Yes
	ERP	Yes
LG Software Compatibility		SuperSign CMS, SuperSign Control+, SuperSign Cloud, Mobile CMS, LG ConnectedCare
Languages		English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Polski, Türkçe, Arabic
Warranty & Other	Warranty	3 Year Limited Up to 5 Years with LG ExtendedCare (optional purchase)
	Accessories	Remote Control, Power Cord, QSG, IR Receiver, Regulation Book, 3.5mm to RS-232C Adapter, MCX / Harness Cables (x4, 3m / x2, 3m for Connection between Panel and Signage Box), DP Cable (2m), LAN Cable (1.5m), RS-232 Cable (4P-4P, 1.5m), LC Cable (VLC, 3m), Screws (x24, M3 × L5.5 Black / x8, M3 × L5.5 Silver / x14, M3 × L6 Black), Cover Shield Assembly, Cable Accessory (x2), Cable Cap Assembly (x2), Tiling Bracket (x2), Signage Box Wing Bracket (x2)

* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

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