



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

Transparent OLED 55EW5Q-C

LG Transparent OLED



Astonishing
Transparency



Expandable
Design



Color with
Great Depth



Product Reliability

55EW5Q-C

Screen Size	55"
Panel Technology	OLED
Native Resolution	1,920 × 1,080 (FHD)
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.

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



* OCA = Optically Clear Adhesive

Protective Tempered Glass

Direct contact with a display could lead to scratches or damage. The tempered, anti-shatter glass front layer protects the screen from impact while reducing the potential for injury from shattered glass.

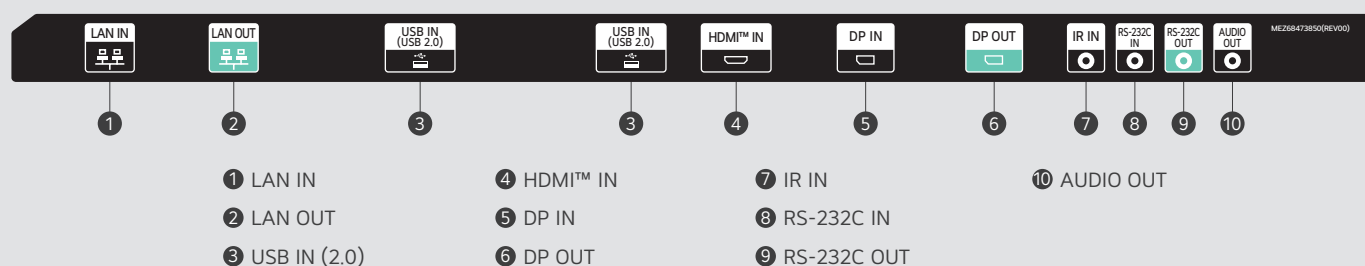


Sleek Elegance in Transparency

This transparent display opens up spaces with a sleek design that complements luxury interiors and premium furnishings. Its partially pre-assembled build offers flexible installation, providing a stunning design that blends seamlessly into existing environments.

CONNECTIVITY

SIGNAGE BOX



SPECIFICATIONS

55EW5Q-C

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 nits (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)		3% (Set), Hard Coating (5 H)
	Lifetime (Typ.)		Up to 30,000 Hours
	Operation Hours (Hours / Day)		18 / 7 (Moving Content Only)
Connectivity (Jack Interface)	Input		HDMI (HDCP 2.2/1.4), DP (HDCP 1.3), RS-232C, RJ45 (LAN), IR (External IR Receiver), USB 2.0 Type A (2), Daisy Chain (HDMI, DP)
	Output		DP, Audio, RS-232C, RJ45 (LAN), IR (Sharing RS-232C), Daisy Chain (DP)
Mechanical	Bezel Color		Transparent
	Bezel Width		7.9 / 7.9 / 7.9 / 121.8 mm (T/R/L/B)
	Weight (Head)		25.6 lbs. / 11.6 kg (Head) 5.7 lbs. / 2.6 kg (Signage Box)
	Monitor Dimensions (W × H × D)		48.3 × 31.9 × 0.6 in. / 1,225.5 × 810.1 × 14.6 mm (Head), 15 × 8.6 × 2.9 in. / 381.6 × 217.6 × 73.6 mm (Signage Box)
	Carton Dimensions (W × H × D)		52.9 × 36.2 × 9.7 in. 1,345 × 920 × 246 mm
	Protection Glass	Thickness	3.0 mm
		Tempered / Chemical Strengthening	Chemical Strengthening
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, Conformal Coating (Power Board)		
Operating Environment	Operation Temperature		32°F to 104°F / 0°C to 40°C
	Operation Humidity		10% to 80%
Electrical	Power Supply		100-240 Vac, 50/60 Hz
	Power Type		Built-In Power
	Power Consumption	Typ. / Max.	70 W (IEC 62087) / 230 W
		Heat Dissipation	239 BTU/Hr (Typ.), 785 BTU/Hr (Max.)
		DPM	0.5 W
Regulatory & Certifications	Regulatory		CE
	EMC		FCC Class "A"
	Environmental		ERP
Software Compatibility	SuperSign CMS, SuperSign Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, LG ConnectedCare		
Language	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 & Accessories	Warranty		3 Year Limited
	Accessories		Remote Controller, Power Cord, QSG, IR Receiver, Regulation Book, Phone to RS232C Gender, MCX/Harness Cables (1,000 mm × 4 ea / 1,000 mm × 2 ea) for Connection Between Panel and Signage Box), DP Cable (2 m), LAN Cable (1.5 m), RS-232C Cable (4P-4P, 1.5 m), LC Cable(VLC, 3 m), Screw ((M3 × L5.5 Black (16 ea) / M3 × L3.5 Silver (20 ea) / M4 × L22 Black, (22 ea)), Cover Shield Assy, Cable Rubber, Rubber Damper (4 ea), Cable Holder (4 ea), Signage Box Wing Bracket (2 ea)

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

