

See Beyond, LG Transparent OLED Touch Signage

55EW5TF



Astonishing Transparency



Color with Great Depth



Intuitive P-Cap Touch



Product Reliability



* All images are for illustrative purposes only.

A New Level of See-through View

Imagination becomes reality

LG Transparent OLED Touch Signage illuminates spaces that once were hidden away behind the display, completely harmonizing with its surroundings.

Boasting vivid and clear colors with high transparency, this display provides visual enhancements to objects placed behind it, giving viewers an impressive "wow" factor.

Not only that, it can respond according to viewers' touch, which has great potential for various applications where customer interactions are required.



High Transparency

LG's OLED technology makes the Transparent OLED Touch Signage have slimmer structure without backlight unit nor a liquid crystal layer, achieving high transparency of 33% even with P-Cap touch film much higher than conventional LCD transparent displays (10%*). While clearly showing objects behind the screen, it overlays the relevant information right before them.



* Based on LG's WFB series

Accurate and Vivid Colors

Featuring self-lighting pixels, the 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.



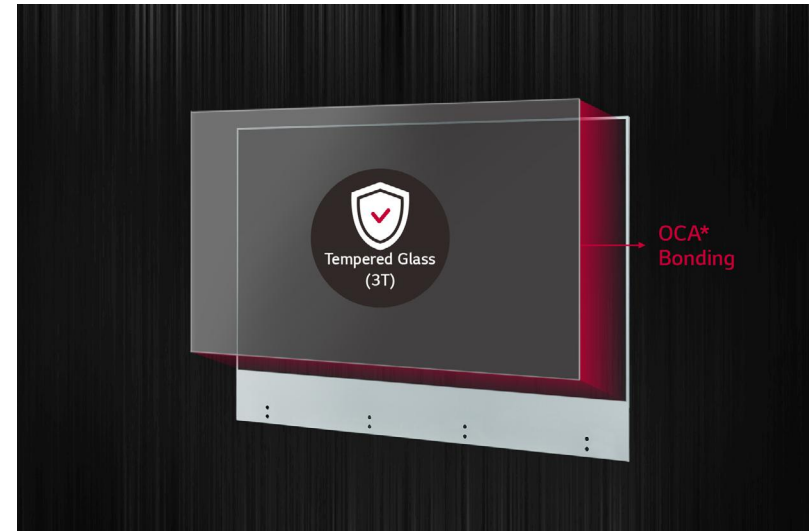
Intuitive P-Cap Touch

By adding P-Cap touch sensor film to the display, the utilization possibilities expand to various industries where customer interaction services are demanding. P-Cap touch type is much better in accurate and fast touch responses than IR type, so users can fully enjoy its fascinating content using their fingertips with no lag.



Protective Tempered Glass

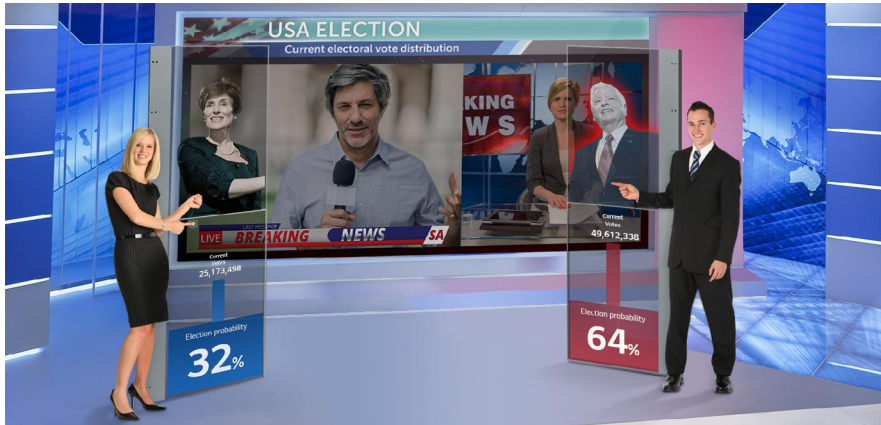
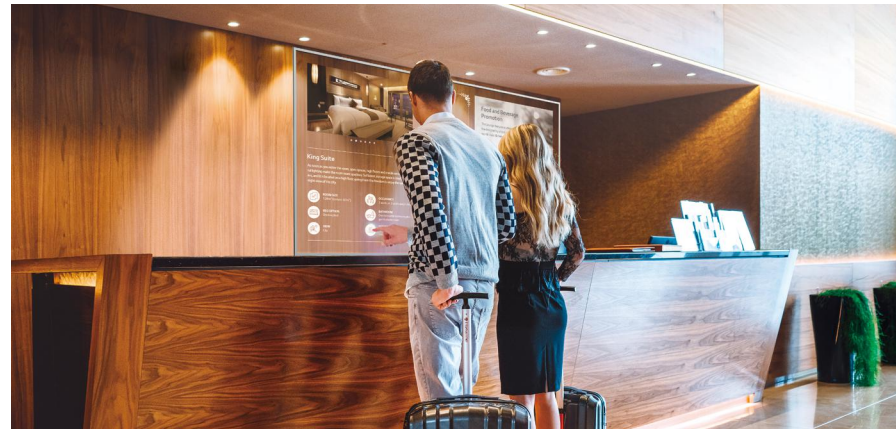
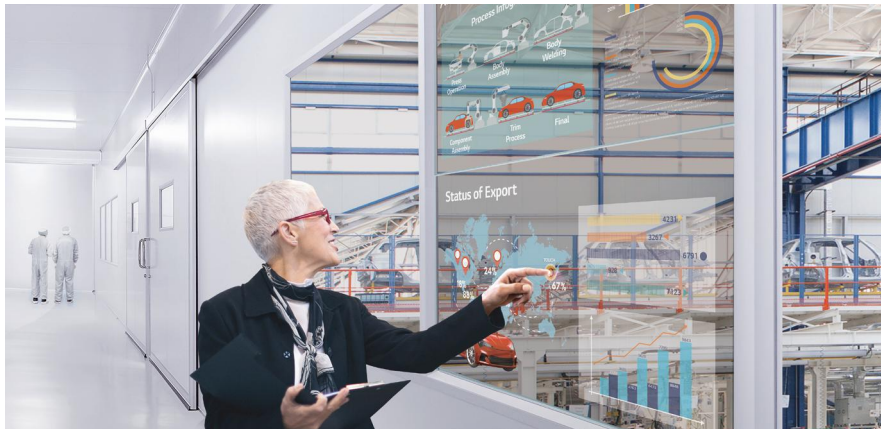
Touching a display directly can cause damage or scratches. The tempered front glass protects product from such external impacts and its anti-shatter glass is designed to minimize customers' injuries.



* Optically Clear Adhesive

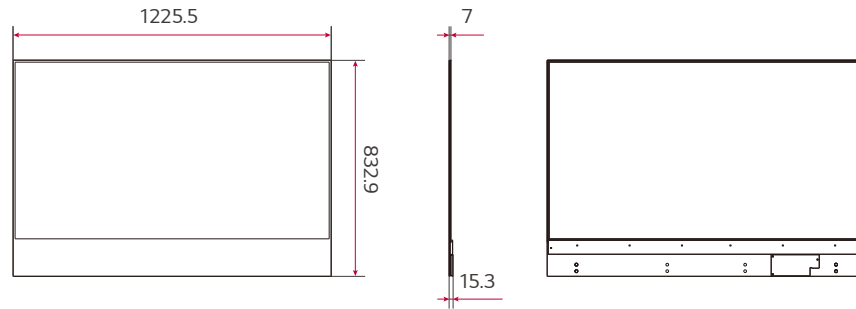
Expandable Design

LG Transparent OLED Touch 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.

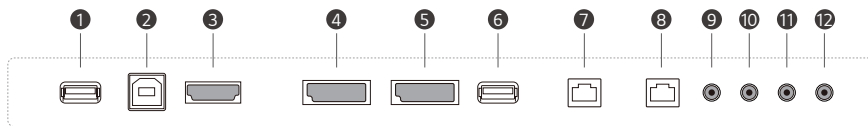


* Installation accessories are not supplied by LG.

DIMENSION (unit: mm)



CONNECTIVITY (Signage Box)



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

55EW5TF

Panel	Screen Size	55"
	Panel Technology	OLED
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Refresh Rate	120 Hz
	Brightness (Typ.)	400 / 150 cd/m ² (APL 25 % / 100 %, Without Glass)
	Contrast Ratio	150,000 : 1
	Color gamut	BT709 120 %
	Viewing Angle (H x V)	178 x 178
	Color Depth	10 bit (R), 1.07 Billion Colors
	Response Time	1 ms (G to G)
	Lifetime (Typ.)	30,000 Hrs
	Operation Hours (Hours / Day)	18 / 7 (Moving Content Only)
	Portrait / Landscape	Yes / Yes
Connectivity	Input	HDMI, DP, USB 2.0 Type A, USB 2.0 Type A (Touch Control Board only)
	Output	DP, Audio, USB 2.0 Type B (Touch USB)
	External Control	RS232C In/Out, RJ45 (LAN) In/Out, IR In (External IR Receiver)
Mechanical Specification	Bezel Color	Matt Silver
	Bezel Width	7.9 / 7.9 / 7.9 / 144.5 mm (T / R / L / B)
	Weight (Head)	(Head) 14.6 kg (Signage Box) 3.4 kg
	Packed Weight	23.1 kg
	Monitor Dimensions (W x H x D)	(Head) 1,225.5 x 832.9 x 7.0 mm (Signage Box) 782.8 x 238.4 x 34.7 mm
	Carton Dimensions (W x H x D)	1,345 x 945 x 207 mm
	Protection Glass	Depth 3.0 mm, Tempered / Chemical Strengthening, Anti-Reflective, Shatter-Proof
Key Features	Internal Memory (16GB), Temperature Sensor, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Screen Rotation, Setting Data Cloning, SNMP, ISM Method (Image Sticking Minimization), Auto Set ID, Status Mailing, Control Manager, Crestron Connected [®] 1), DPM, PM Mode, Wake on LAN, HDMI-CEC ²⁾ , SI Server Setting	
Environment Conditions	Operation Temperature Range	0 °C to 40 °C
	Operation Humidity Range	10 % to 80 %
Power	Power Supply	AC 100-240 V-, 50/60 Hz
	Power Type	Built-In Power
	Power Consumption (Typ. / Max.)	250 W / 280 W
Certification	Safety	CB, NRTL
	EMC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes (EU Only) / No
Software Compatibility	Content Management Software	SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+
	Signage365Care ³⁾	Yes
Accessories (Basic)	Remote Controller, Power Cord, IR Receiver, Phone to RS232C Gender, FFC Cables (1,600 mm x 4 ea), HDMI Cable (3 m), Micro to A Type USB Cable (1.8 m), A to B Type USB Cable, Tapes, Screws, Shield Cover Assy, Rubber Dampers, Touch Cable Holders, QSG, Regulation Book	
Touch	Touch Type	P-Cap
	Operating System Support	Windows
	Multi Touch Point	Max 10 Points

1) Network based control 2) Compatibility may differ by equipment. 3) The availability of the "Signage365Care" service differs by region.



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