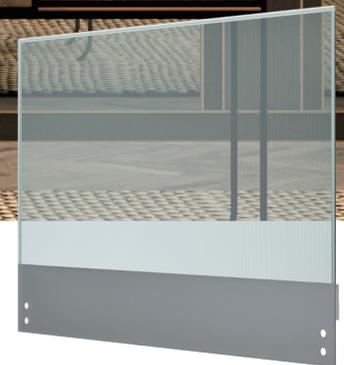LG | Business Solutions

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

Transparent OLED Touch Signage 30EW5TP-A

LG Transparent OLED Signage

Astonishing Transparency

Intuitive P-Cap Touch
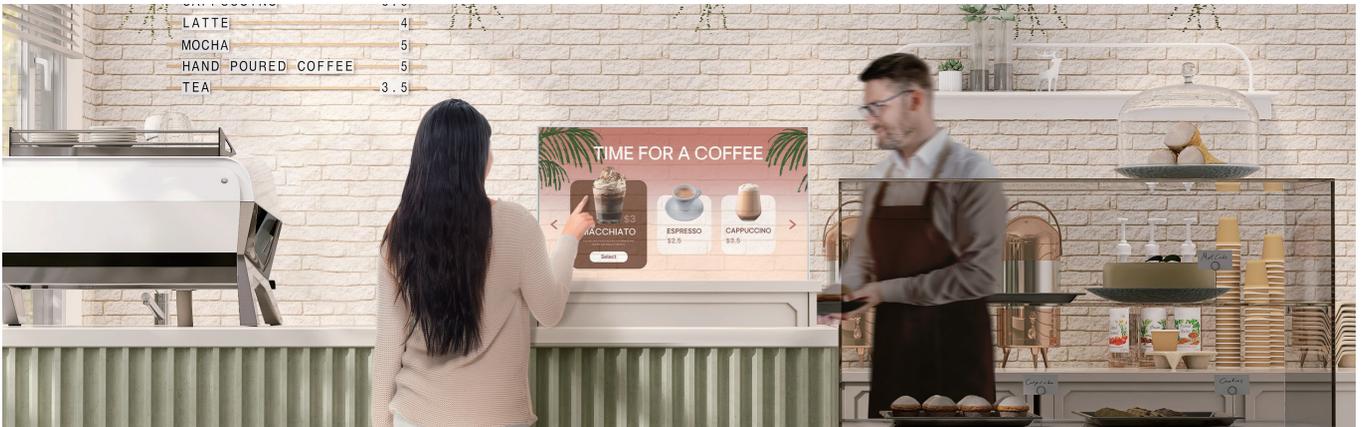
Color with Great Depth

Product Reliability

30EW5TP-A

Screen Size	30"
Panel Technology	OLED
Native Resolution	1,366 × 768 (HD)
Brightness	200 / 600 nits (APL 100% / 25%, Without Glass)
Contrast Ratio	200,000:1
Response Time	0.1 ms (G to G), 8 ms (MPRT)
Portrait / Landscape	Yes / Yes

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. Users could enjoy its fascinating content using their fingertips.

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 even with P-Cap touch film. While clearly showing objects behind the screen, it overlays the relevant information right before them.

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.
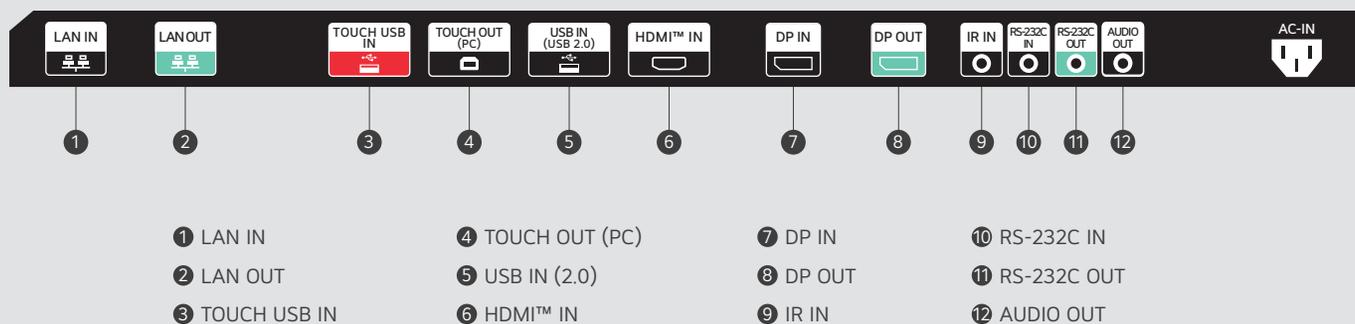
Enhanced Spatial Versatility

Experience the extraordinary with the state-of-the-art LG Transparent OLED Signage, which breaks down the barriers between the screen and surrounding environment, seamlessly connecting different spaces and people.

* Installation accessories are not supplied by LG.

CONNECTIVITY

	LAN IN	LAN OUT	TOUCH USB IN	TOUCH OUT (PC)	USB IN (USB 2.0)	HDMI™ IN	DP IN	DP OUT	IR IN	RS-232C IN	RS-232C OUT	AUDIO OUT	AC-IN
	❶	❷	❸	❹	❺	❻	❼	❽	❾	❿	⓫	⓬	

❶ LAN IN
❷ LAN OUT
❸ TOUCH USB IN

❹ TOUCH OUT (PC)
❺ USB IN (2.0)
❻ HDMI™ IN

❼ DP IN
❽ DP OUT
❾ IR IN

❿ RS-232C IN
⓫ RS-232C OUT
⓬ AUDIO OUT

SPECIFICATIONS

30EW5TP-A

Category	Sub	Sub2	30EW5TP-A
Panel	Screen Size (Inch)		30"
	Panel Technology		OLED
	Back Light Type		OLED
	Aspect Ratio		16:9
	Native Resolution		1,366 × 768 (HD)
	Refresh Rate		120 Hz
	Brightness (Typ.)		200 / 600 nit (APL 100% / 25%, without Glass)
	Contrast Ratio		200,000 : 1
	Dynamic CR		No
	Color Gamut		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)		Hard Coating 5 H, Haze 3% (Set)
	Lifetime		30,000 Hrs (Typ.)
	Operation Hours (Hours / Day)		18 / 7 (Moving Content Only)
	Portrait / Landscape		Yes / Yes
	Transparency		37% (Set)
	QWP (Quarter Wave Plate)		No
Connectivity (Jack Interface)	Input		HDMI (HDCP 2.2/1.4), DP (HDCP 1.3), RS-232C, RJ45 (LAN), IR (External IR Receiver), USB (USB 2.0 Type A)
	Output		DP, Audio, Touch USB (USB 2.0 Type B), RS-232C, RJ45 (LAN), IR (Sharing RS-232C)
Mechanical	Bezel Color		Black
	Bezel Width		3.5 / 3.5 / 3.5 / 23 mm (T/R/L/B)
	Weight (Head)		198.6 lbs. / 90.1 kg
	Packed Weight		270.9 lbs. / 122.9 kg
	Monitor Dimensions (W x H x D)		98.8 x 44.2 x 3.7 in. / 2,510.6 x 1,123.1 x 93.6 mm
	Carton Dimensions (W x H x D)		105.0 x 11.0 x 51.4 in. / 2,668 x 280 x 1,305 mm
	Handle		Yes
	Protection Glass	Thickness	4 mm
		Tempered/ Chemical Strengthening	Thermal Tempering
		Anti-Reflective	5%
		Shatter-proof	Yes
Key Feature			Internal Memory (eMMC (16 GB)), Temperature Sensor, webOS23, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, RS-232C Sync, Local Network Sync, Video Tag (4), Screen Rotation, Gapless Playback, Setting Data Cloning, SNMP, ISM Method, Status Mailing, Control Manager, PM Mode, Wake on LAN, HDMI-CEC, SI Server Setting
Environment Conditions	Operation Temperature		0°C to 40°C
	Operation Humidity		10% to 80%
Power	Power Supply		AC 100-240 V~, 50/60 Hz
	Power Type		Built-In Power
	Power Consumption	Typ. / Max	45 W (IEC 62087) / 86 W
		BTU (British Thermal Unit)	154 BTU/Hr (Typ.), 294 BTU/Hr (Max.)
		DPM	0.5 W
		Power Off	0.5 W
Certification	Safety		CB / NRTL
	EMC		FCC Class "A" / CE / KC
	ERP / Energy Star		Yes / No
OPS Compatibility	OPS Type Compatible		No
	OPS Power Built In		No
Software Compatibility			SuperSign CMS, SuperSign Control+, 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
Accessory	Basic		Remote Controller, Power Cord, QSG, IR Receiver, Regulation Book, Phone to RS-232C Gender, MCX / Harness Cables (3 m × 4 ea / 3 m × 2 ea for Connection between Panel and Signage Box), HDMI Cable (3 m), Micro to A Type USB Cable (3 m, for Connection between Touch and Signage Box), A to B Type USB Cable (Touch Out), Screw (M4 × L22, 12 ea / M4 Nut 12 ea / M3 × L5.5 (Silver), M3 × L5.5 (Black) 8 ea / Shield Cover Assy, Rubber Damper 4 ea, Touch Cable Holder 2 ea, MCX Cable Holder 2 ea
	Optional		No
Special Feature	Conformal Coating (Power Board)		Yes
Product Dedicated Feature	Available Object Size for Touch		Ø8 mm ↑
	Response Time (PC Win10, Education Mode)		100 ms ↓
	Accuracy (Typ.)		2 mm
	Interface		USB 2.0
	Protection Glass Thickness		3.0 T (Anti-reflection / Anti-finger Print)
	Protection Glass Transmission		85% (Typ.)
	Operating System Support		Windows 10/11
	Multi Touch Point		10 Points (Max.)
Warranty			3 year limited

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

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