* 75 inch

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

UHD Signage UH5N-E Series

UHD Signage Display with LG webOS Platform and Advanced Security

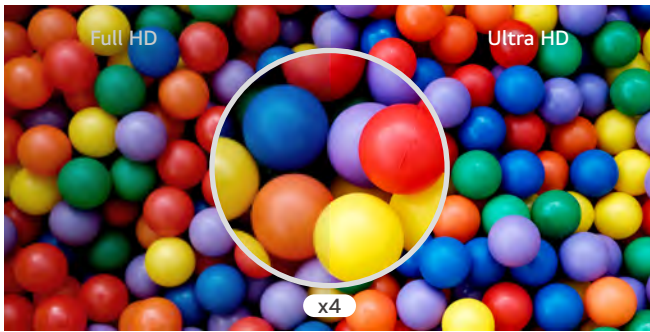**Super High Resolution**

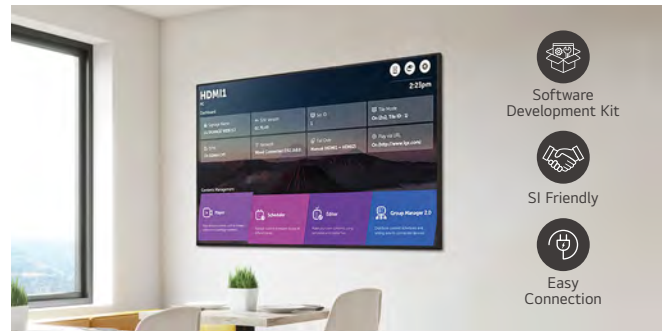**webOS Smart Platform**

Design for Space Utilization

Enhanced Security

UH5N-E

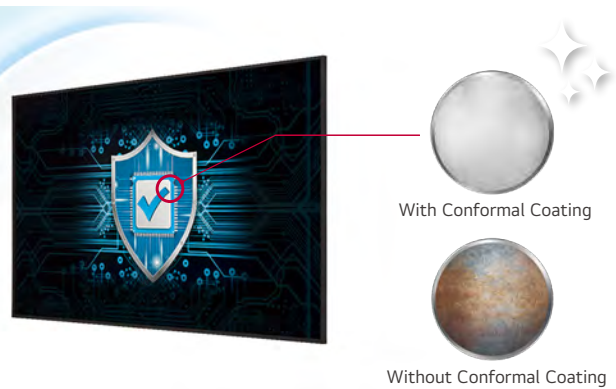|	
Screen Size	65" / 55" / 49" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	500 nits (Typ.)
Surface Treatment (Haze)	28%
Bezel Width	8.9 mm (T/R/L), 12.9 mm (B)

High Resolution Display

It offers a resolution that is four times higher than FHD, satisfying customers visually. Additionally, the anti-glare coating on the screen reduces screen reflection in bright lighting environments, increasing visibility and legibility, providing customers with a beautiful screen.

Convenient webOS Platform

The UH5N-E is equipped with a high-performance SoC that allows for multiple tasks to be performed without a separate media player. The webOS platform provides app development tools with an intuitive user interface, enabling easy connection with external sensors and webOS partner apps to create a productive environment for system integrators.

Durability that Provides Reliability

Optimized for business environments, the UH5N-E provides dust protection, which helps guard against salt and iron particles, thanks to the conformal coating on the power board and its IP5X ingress protection rating. Also, its 30-degree tilt angle and shock monitoring provide both reliability and satisfaction.

Design for Space Utilization

Designed with thin bezels* and simple cable management, the UH5N-E saves space. With specialized hidden power inlets, it can be installed close to the wall, leaving only about 13 mm of space with the slim bracket. Bezels accessories can also be used to convert it into an art frame, making it a stylish interior element that matches customers' interior spaces.

* Product images may vary slightly from actual appearance due to variance caused by each inch option; bezel accessories are sold separately at an additional cost.
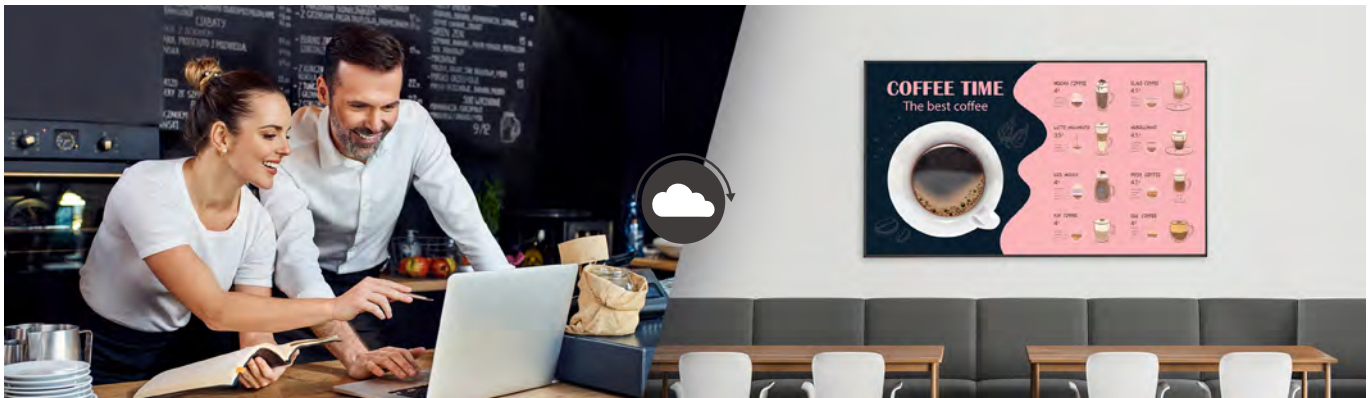
Enhanced Security Features

The UH5N-E provides security features, including LG's Enhanced Kernel Protection (EKP) technology, protecting important data from external access or attacks. LG UHD Signage also holds reliable certification in the field of information security, maintaining customers' data and businesses securely.

Sustainability

With a commitment to innovation and sustainability, LG is continuously striving to create a better future for manufacturers, consumers, and future generations. With a focus on minimizing waste, maximizing recycling, and efficient power management, LG actively strives for sustainability, obtaining various certifications such as FCC EMC Class B.
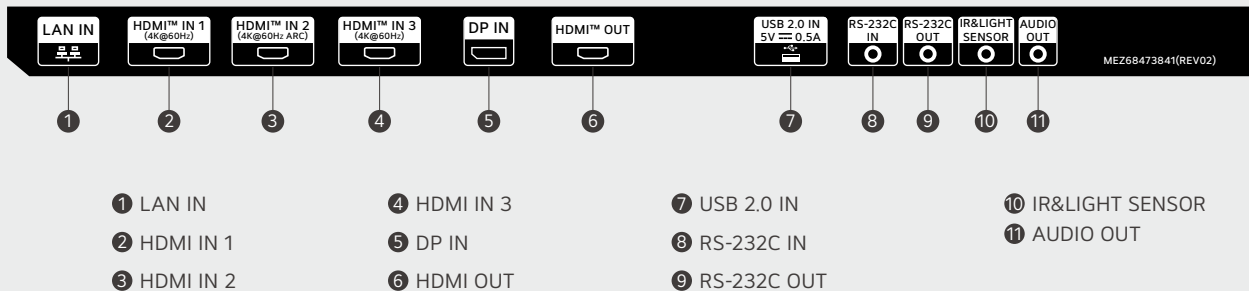
SuperSign Solutions

SuperSign is an integrated and intuitive content management solution for creative and organized digital signage content in your space, connecting customers to a range of services with convenient user experiences. There are a variety of versions such as SuperSign Cloud, so discover and enjoy the version that best fits you.

CONNECTIVITY

65" / 55" / 49" / 43"

LAN IN	HDMI™ IN 1 (4K@60Hz)	HDMI™ IN 2 (4K@60Hz ARC)	HDMI™ IN 3 (4K@60Hz)	DP IN	HDMI™ OUT	USB 2.0 IN 5V 0.5A	RS-232C IN	RS-232C OUT	IR&LIGHT SENSOR	AUDIO OUT
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪

MEZ68473841(REV02)

① LAN IN
② HDMI IN 1
③ HDMI IN 2
④ HDMI IN 3
⑤ DP IN
⑥ HDMI OUT
⑦ USB 2.0 IN
⑧ RS-232C IN
⑨ RS-232C OUT
⑩ IR&LIGHT SENSOR
⑪ AUDIO OUT

SPECIFICATIONS

		65UH5N-E	55UH5N-E	49UH5N-E	43UH5N-E
Panel	Screen Size	65"	55"	49"	43"
	Panel Technology	IPS	IPS	IPS	IPS
	Back Light Type	Edge	Edge	Edge	Edge
	Aspect Ratio	16:9	16:9	16:9	16:9
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)
	Contrast Ratio	1,100:1	1,200:1	1,100:1	1,000:1
	Dynamic CR[1]	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Color Gamut	BT709 95%	BT709 95%	BT709 95%	BT709 95%
	Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°
	Color Depth	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))
	Response Time	8 ms (T/R), 10 ms (T/F)	8 ms (T/R), 10 ms (T/F)	6 ms (T/R), 9 ms (T/F)	8 ms (T/R), 10 ms (T/F)
	Surface Treatment (Haze)	28%	28%	28%	28%
	Lifetime*	Up to 50,000 hours	Up to 50,000 hours	Up to 50,000 hours	Up to 50,000 hours
	Operation Hours (Hours / Day)	24 / 7	24 / 7	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI In (3, 3,840 × 2,160 @ 60 Hz, HDCP 2.2/1.4), DP In (3,840 × 2,160 @ 60 Hz, HDCP 2.2/1.3), RS-232C In (4 Pin 3.5mm), RJ45 (LAN) In, IR In, USB In 2.0 (Type A)			
	Output	HDMI Out (3,840 × 2,160 @ 30 Hz, Input (HDMI1/2/3/DP)), Audio Out, RS-232C Out (4-pin 3.5mm), Daisy Chain (Input HDMI, DP / Output HDMI)			
Mechanical	Bezel Color	Black	Black	Black	Black
	Bezel Width	8.9 mm (T/R/L), 12.9 mm (B)	8.9 mm (T/R/L), 12.9 mm (B)	8.9 mm (T/R/L), 12.9 mm (B)	8.9 mm (T/R/L), 12.9 mm (B)
	Weight	53.4 lbs. / 24.2 kg	35.5 lbs. / 16.1 kg	29.9 lbs / 13.6 kg	24.5 lbs / 11.1 kg
	Shipping Weight	67.1 lbs. / 30.4 kg	45.2 lbs. / 20.5 kg	35.5 lbs. / 16.1 kg	28.3 lbs. / 12.8 kg
	Monitor Dimensions without IR Sensor (W x H x D)	57.1 x 32.7 x 1.2 in. 1450.3 x 830.3 x 29.7 mm	48.5 x 27.9 x 1.2 in. 1,231.4 × 707.2 × 29.7 mm	43.1 x 24.8 x 1.2 in. 1,095.6 × 630.8 × 29.7 mm	37.9 x 21.9 x 1.2 in. 963.0 × 556.2 × 29.7 mm
	Shipping Dimensions (W x H x D)	63.0 x 38.2 x 6.8 in. 1,600 × 970 × 172 mm	53.5 x 31.5 x 6.3 in. 1,360 × 801 × 161 mm	47.8 x 29.0 x 6.0 in. 1,215 × 736 × 152 mm	41.5 x 26.0 x 5.6 in. 1,055 × 660 × 142 mm
	Handle	No	No	No	No
	VESA™ Standard Mount Interface	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
Key Features		Internal Memory 16 GB, Built-in Wi-Fi, Sensor (Temperature Sensor, Auto Brightness Sensor (External IR), Acceleration (Gyro) Sensor), Local Key Operation, Built-in Speaker, webOS 6.0, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Image (Booting Logo Image, No Signal Image), Sync (RS-232C Sync, Local Network Sync), PIP, PBP (4), Screen Share, Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3rd Party Compatibility (Cisco Certi., Crestron Connected®[2]), Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom			
Operating Conditions	Operation Temperature	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Electrical	Power Supply	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz	100 to 240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Consumption (Typ. / Max.)	145 W / 200 W	110 W / 160 W	100 W / 140 W	80 W / 120 W
	BTU (British Thermal Units)	495 BTU/Hr (Typ.), 682 BTU/Hr (Max.)	375 BTU/Hr (Typ.), 546 BTU/Hr (Max.)	341 BTU/Hr (Typ.), 478 BTU/Hr (Max.)	273 BTU/Hr (Typ.), 409 BTU/Hr (Max.)
	Smart Energy Saving, ~70%	101.5 W	77 W	70 W	56 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W
	Power Off	0.5 W	0.5 W	0.5 W	0.5 W
Regulatory & Certifications	FCC	Class "B"	Class "B"	Class "B"	Class "B"
	CE	Yes	Yes	Yes	Yes
	ERP / Energy Star	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes
	EPEAT (United States)	Yes	Yes	Yes	Yes
	ISTA6	Yes (~'23.9, US Suffix Only)	Yes (~'23.9, US Suffix Only)	Yes (~'23.9, US Suffix Only)	Yes (~'23.9, US Suffix Only)
	Carbon Trust	Yes	Yes	Yes	Yes
OPS Compatibility	OPS Type Compatible	No	No	No	No
	OPS Power Built-in	No	No	No	No
LG Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, LG ConnectedCare[4]			
Languages		English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Türkiye, Arabic			
Warranty & Other	Warranty	3 Year Limited			
	Tilt (Face Down)	Max 30° Degrees			
	IP Rating	IP5X	IP5X	IP5X	IP5X
	Conformal Coating (Power Board)	Yes	Yes	Yes	Yes
	Basic Accessories (included)	Remote Controller, Power Cord, QSG, Regulation Book, 3.5mm to RS-232C Adapter, Cable Holder (2 ea), AC Cord Holder (1 ea)			
	Optional Accessories	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (LSW240 A/B) Wall Mount Adapter (AM-B220S)

[1] The luminosity ratio of Full Black / Full White color on video input condition.
[2] Network based control.
[3] Compatibility may differ by equipment.
[4] The availability can differ by region.

* Product lifespan will vary depending on usage. LG makes no warranties to this specification but rather defers to the limited warranty that accompanies the product.
** Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

avidex

LG | Business Solutions