



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

UHD Signage UH5N-E

UHD Signage Display with LG webOS Platform and Advanced Security



Super High Resolution



webOS Smart Platform



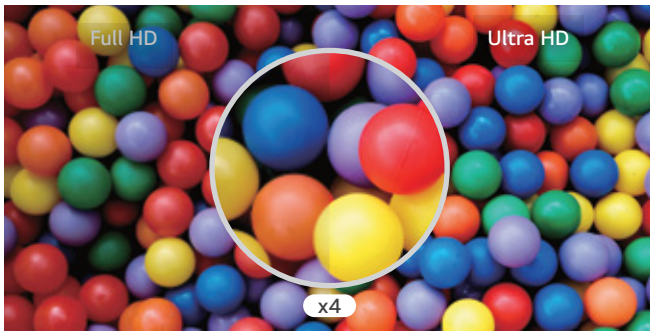
Design for Space Utilization



Enhanced Security

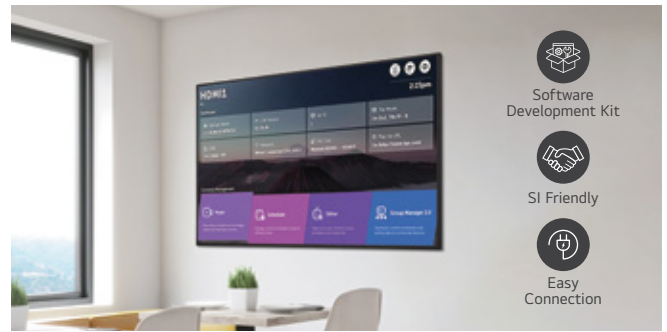
UH5N-E

Screen Size	165.1 cm (65) / 139.7 cm (55) 124.46 cm (49) / 109.22 cm (43)
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	500 nit (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 comfortable 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 UI that enhances user convenience, enabling easy connection with external sensors and webOS partner apps to create an SI-friendly environment.



Stylish Interior with Art Frame

Enhance the sophistication of your space with the Art Frame featuring bezel accessories, providing an artistic touch to the UH5N-E for a more refined interior. Bezel accessories empower customers to utilize their UH5N-E to seamlessly blend with their interior, transforming it into a chic decorative centerpiece.

* Bezel accessories are sold separately at an additional cost. For more information, please contact LG Sales.

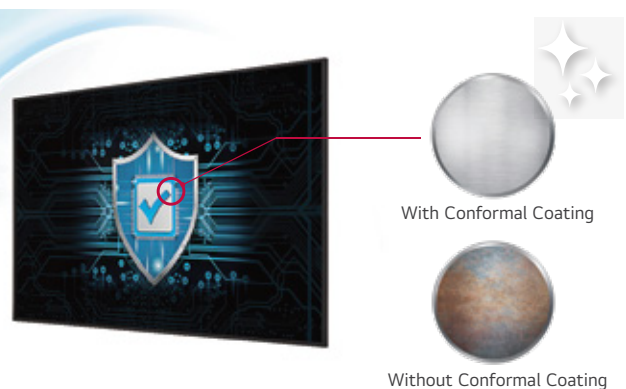


Design for Space Utilization

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.

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* The product image will differ slightly from the actual appearance of the product due to the variance caused by different size option.



Durability that Provides Reliability

Optimized for business environments, the UH5N-E is protected against salt, dust, iron powder and humidity thanks to conformal coating on power board, allowing for stable operation. Also, its customer-centric features, such as IP5x, 30-degree tilting and Shock Monitoring, provide both reliability and satisfaction.

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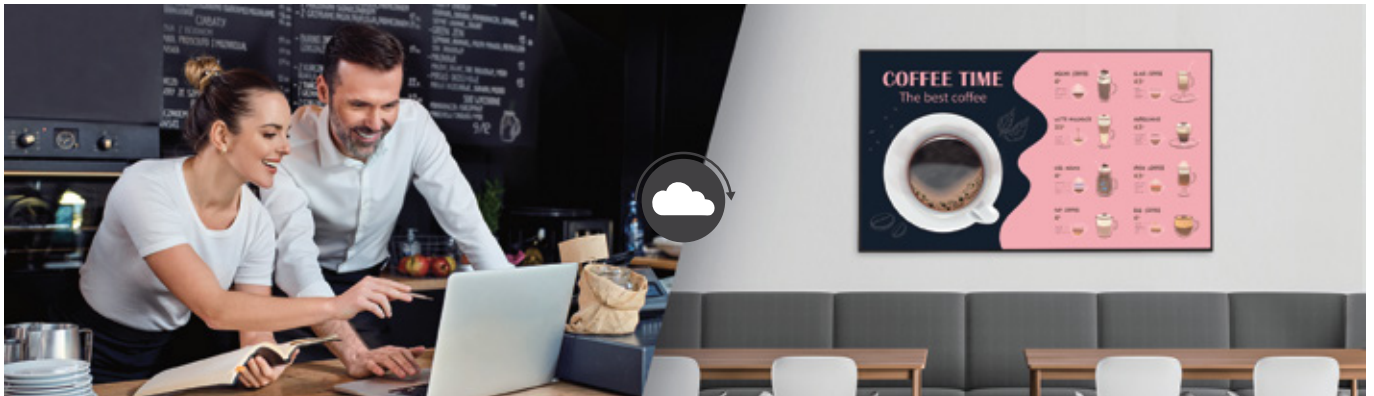
Enhanced Security Features

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. For example, this model is ISO/IEC 15408 Common Criteria EAL2 Certified.



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.



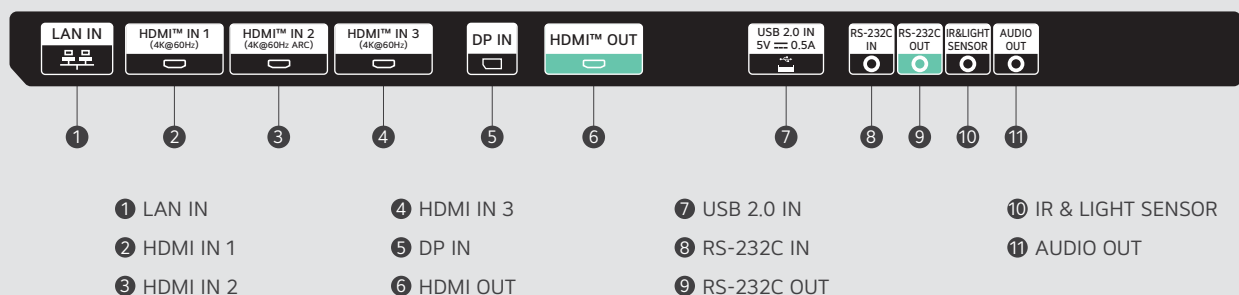
SuperSign Solutions

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.

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CONNECTIVITY

65 / 55 / 49 / 43



Specifications

Model		65UH5N-E	55UH5N-E	49UH5N-E	43UH5N-E
Panel	Screen Size	165.1 cm (65)	139.7 cm (55)	124.46 cm (49)	109.22 cm (43)
	Panel Technology/Backlight Type	IPS			
	Native Resolution	3840 x 2160 (UHD)			
	Brightness(Typ.)	500nit (Typ.)			
	Color gamut	BT709 95%			
	Viewing Angle(H x V)	178 X 178			
	Color Depth	10bit(D), 1.07Billion colors			
	Response Time	Tr : 8ms / Tf :10ms			
	Surface Treatment(Haze)	28%			
	Operation Hours (Hours/Day)	24/7			
	Portrait / Landscape	Yes / Yes			
Connectivity	Input	HDMI x 3 (3840x2160@60Hz, HDCP 2.2/1.4), DP (3840x2160@60Hz, HDCP2.2/1.3), IR, USB2.0,LAN			
	Output	HDMI 1 (3840x2160@30Hz, Input : HDMI1/2/3/DP), Audio Out			
	External Control	RS232C In/Out			
Mechanical	Bezel Width	T/R/L: 8.9mm, B:12.9mm			
	Weight(Head)	24.2 kg	16.1 kg	13.6 kg	11.1 kg
	Monitor Dimension(W x H x D)	1450.3 x 830.3 x 29.7mm (Without IR)	1231.4 x 707.2 x 29.7mm (without IR)	1095.6 x 630.8 x 29.7mm (without IR)	963.0 x 556.2 x 29.7mm (without IR)
	VESATM Standard Mount Interface	300 x 300			200 x 200
Key Feature	Media player(System On Chip), CPU-ARM Cortex-A53 1 GHz Quad, RAM-2GB DDR3-2133 (64bit), Memory- 16GB (System 4GB + Available 9.18GB), GPU-ARM Mali-T820 MP2 (650MHz), webOS 6.0, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor,Auto Input Select, Auto Sleep, Auto Wakeup, Embedded CMS, (USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Failover, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP, PBP (4), Tile Mode Setting (Max 15x15), Welcome Logo ,Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected®, Cisco Compatibility, Bluetooth(Beacon), HDMI-CEC, SI Server Setting, webRTC				
Environment Conditions	Operation Temperature	0°C to 40°C			
	Operation Humidity	10% to 80%			
Power	Power Supply	AC 100~240V, 50/60Hz			
	Power Type	Built-In Power			
Power Consumption	Typ./Max.	145W / 200W	110W / 160W	90W / 130W	80W / 120W
	BTU (British Thermal Unit)	495 BTU/Hr(Typ.), 682 BTU/Hr(Max)	375 BTU/Hr(Typ.), 546 BTU/Hr(Max)	307 BTU/Hr(Typ.), 444 BTU/Hr(Max)	273 BTU/Hr(Typ.), 409 BTU/Hr(Max)
Sound	Speaker(Built-In)	Yes (10W X 2)			
Certification	Safety	CB / NRTL			
	EMC	FCC Class “B” / CE / KC			
	ErP / Energy Star	Yes(NewErP)/Yes			
Software Compatibility	SuperSign CMS, SuperSign Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, Connected Care				
Accessories	Basic	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, Cable Holder(2EA), AC Cord Holder (1EA)			
	Optional	Slim Wall Mount (WB21LMA/B), Wall Mount (OLW480A/B),Wall Mount Adapter (AM-B330S)			Slim Wall Mount (WB21LMA/B), Wall Mount (LSW240A/B), Wall Mount Adapter (AM-B220S)
Special Feature	Tilt(Facedown)	Yes(Max 30° degree, 40°C temperature)			
	IP Rating	IP5X			

*Images shown are for illustration purposes only and may differ from the actual product.
As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.