



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

UHD Signage UH5N-M

UHD Signage Display with LG webOS Platform and Advanced Security



Super High Resolution



webOS Smart Platform



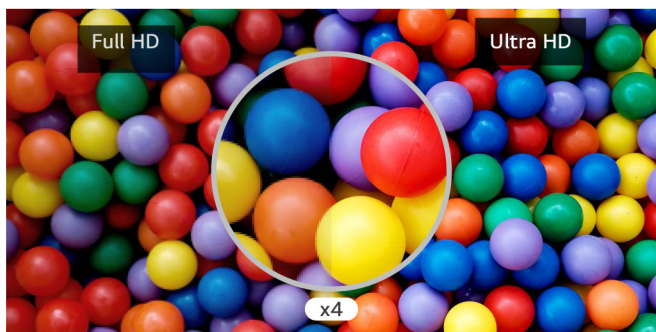
Design for Space Utilization



Enhanced Security

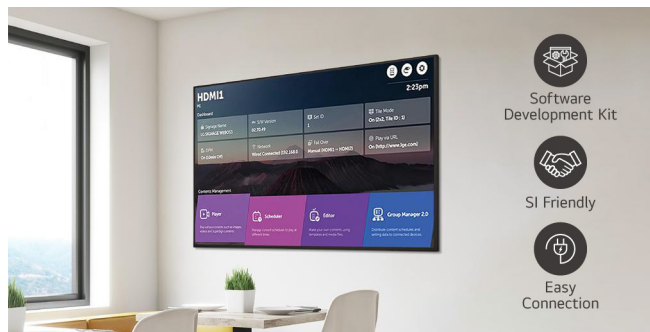
UH5N-M

Screen Size	86" / 75" / 65" / 55" / 49" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	500 nits (Typ.)
Surface Treatment (Haze)	65" / 49": 28% 86" / 75" / 55" / 43": 25%
Bezel Width	8.9 mm (T/R/L), 12.9 mm (B)



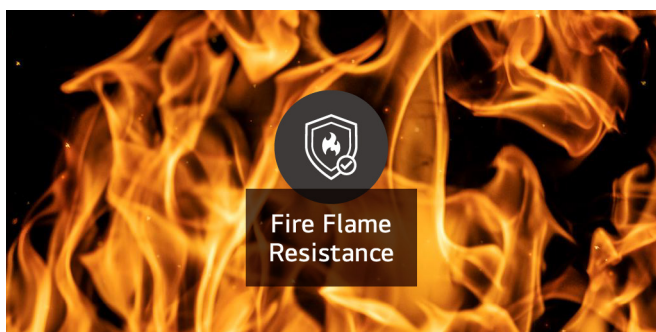
High Resolution Display

It offers a resolution that is four times higher than FHD, for brighter communication. Additionally, the anti-glare coating on the screen reduces screen reflection in bright lighting environments, increasing visibility and legibility.



Convenient webOS Platform

The UH5N-M 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.



Sturdy Design with Fire Flame Resistance

The outer cover of the product is designed to effectively resist fire flame spread, making the product a great fit for installation in public spaces.

* Based on third party testing, the case top and back cover of the product are classified as Class 1 under BS476 Part 7, and Class A1 (case top) and A2 (back cover) under EN13501-1.



Design for Space Utilization

Designed with thin bezels and simple cable management, the UH5N-M 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.

* All images are for illustrative purposes only.
* The product image will differ slightly from the actual appearance of the product due to the variance caused by each inch option.



Durability that Provides Reliability

In various interiors the UH5N-M series may be unable to avoid exposure to environments containing dust, humidity, etc. which may hamper performance over time. The conformal coating on the power board reduces these risks by protecting UH5N-M series from dust, particulates and humidity.



Enhanced Security Features

The UH5N-M 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.



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.

* Sold separately.



Dashboard

The LG ConnectedCare DMS* dashboard allows you to view and monitor multiple devices at the same time, thereby saving time and boosting efficiency.

Broadcasting / Alert Messaging

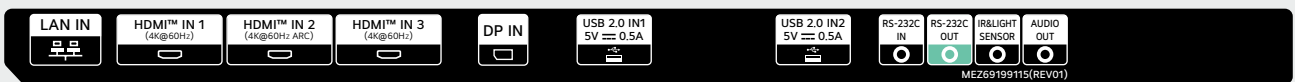
Content such as images, videos, audio messages, and live streaming can be shared from the primary system to specific devices installed. In case of urgent occasions such as a fire or a natural disaster, alert messages have the ability to be distributed manually across the system.

Remote-control

Frequently used controls such as the screen on/off, scheduling, brightness, and screen lock functions can be applied easily using a remote control. Additionally, IT managers can remotely install and update the apps on selected devices, which helps lessen the need for on-site response.

CONNECTIVITY

86" / 75" / 65" / 55" / 49" / 43"



1

2

3

4

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11

1 LAN IN

2 HDMI IN 1

3 HDMI IN 2

4 HDMI IN 3

5 DP IN

6 USB 2.0 IN 1

7 USB 2.0 IN 2

8 RS-232C IN

9 RS-232C OUT

10 IR & LIGHT SENSOR

11 AUDIO OUT

MEZ69195115(REV01)

SPECIFICATIONS

	86UH5N-M	75UH5N-M	65UH5N-M	55UH5N-M	49UH5N-M	43UH5N-M	
Panel	Screen Size	86"	75"	65"	55"	49"	43"
	Panel Technology	ADS	ADS	IPS	ADS	IPS	ADS
	Back Light Type	Edge	Edge	Edge	Edge	Edge	Edge
	Aspect Ratio	16:9	16:9	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)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)	500 nits (Typ.)
	Contrast Ratio	1,200:1	1,200:1	1,100:1	1,200:1	1,100:1	1,200:1
	Dynamic CR	1,000,000:1	1,000,000:1	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%	BT709 95%	BT709 95%
	Viewing Angle (H × V)	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (10 bit (D))	1.07 G (8 bit + FRC)	1.07 Billion Colors (10 bit (D))	1.07 G (8 bit + FRC)	1.07 Billion Colors (10 bit (D))	1.07 G (8 bit + FRC)
	Response Time	8ms (G to G), 10 ms (T/F)	8ms (G to G), 10 ms (T/F)	8 ms (T/R), 10 ms (T/F)	8 ms (G to G)	8 ms (T/R), 10 ms (T/F)	8 ms (G to G)
	Surface Treatment (Haze)	25%	25%	28%	25%	28%	25%
Lifetime	Up to 50,000 Hours	Up to 50,000 Hours	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs	
Operation Hours (Hours/Day)	24 / 7	24 / 7	24 / 7	24 / 7	24 / 7	24 / 7	
Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	
Connectivity	Input	HDMI In (x3, 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 jack), RJ45 (LAN) In, IR In, USB 2.0 Type A (x2)					
	Output	Audio Out, RS-232C Out (4-pin 3.5mm jack)					
Mechanical	Bezel Color	Black	Black	Black	Black	Black	Black
	Bezel Width	13.4 mm (Even)	12.9 mm (Even)	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	116.8 lbs. / 53.0 kg	78.7 lbs. / 35.7 kg	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	147.0 lbs. / 66.7 kg	97.0 lbs. / 44.0 kg	67.1 lbs. / 30.4 kg	45.2 lbs. / 20.5 kg	35.5 lbs. / 16.1 kg	28.2 lbs. / 12.8 kg
	Dimensions (W×H×D)	75.9 × 43.3 × 1.2 in. 1928.8 × 1099.8 × 29.7 mm (without handle or IR)	66.1 × 37.7 × 1.2 in. 1679.5 × 958.7 × 29.7 mm (without handle or IR)	57.1 × 32.7 × 1.2 in. 1,450.3 × 830.3 × 29.7 mm (without IR)	48.5 × 27.8 × 1.2 in. 1,231.4 × 707.2 × 29.7 mm (without IR)	43.1 × 24.8 × 1.2 in. 1,095.6 × 630.8 × 29.7 mm (without IR)	37.9 × 21.9 × 1.2 in. 963.0 × 556.2 × 29.7 mm (without IR)
	Shipping Dimensions (W×H×D)	82.7 × 49.2 × 10.0 in. 2100 × 1250 × 253 mm	71.7 × 43.9 × 7.9 in. 1820 × 1115 × 200 mm	62.9 × 38.2 × 6.8 in. 1,600 × 970 × 172 mm	53.5 × 31.9 × 5.9 in. 1,360 × 810 × 152 mm	47.8 × 28.9 × 5.9 in. 1,215 × 736 × 152 mm	41.5 × 25.9 × 5.6 in. 1,055 × 660 × 142 mm
	Handle	Yes	Yes	No	No	No	No
	VESA™ Standard Mount Interface	600 × 400 mm	600 × 400 mm	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
Key Features	Internal Memory (eMMC) 16 GB, Wi-Fi & Bluetooth, Temperature Sensor, Auto Brightness Sensor (External IR), Acceleration (Gyro) Sensor, Local Key Operation, webOS 6.0, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Booting Logo Image, No Signal Image, RS-232C Sync, Local Network Sync, PIP, PBP (x4), Screen Share, Video Tag (4), Play via URL, 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, Cisco Certification, Crestron Connected, Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC, SI Server Setting, webRTC, ProIdiom						
	Operation Temperature: 32°F to 104°F / 0°C to 40°C						
Environment Conditions	Operation Humidity: 10% to 80%						
	Power Supply: 100 to 240 Vac, 50/60 Hz						
Electrical	Power Type: Built-in Power						
	Typ. / Max.: 205 W / 297 W						
	Heat Dissipation: 699 BTU/Hr (Typ.), 1013 BTU/Hr (Max.)						
	Smart Energy Saving, ~70%: 144 W						
	DPM: 0.5 W						
	Power Off: 0.5 W						
Sound	Built-in Speakers: 10 W × 2						
	EMC: FCC Class "B" / CE						
Certification	ErP / Energy Star: Yes / Yes						
	ePEAT (US only): In Process (TBD)						
	OPS Type Compatible: No						
OPS Compatibility	OPS Power Built-in: No						
	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, Türkiye, Arabic						
	Accessories: Basic: Remote Control, Power Cord, QSG, Regulation Book, Phone to RS-232C Gender, Cable Holder (2 ea), AC Cord Holder						
Special Features	Optional: Slim Wall Mount (WB21LM A/B), Basic Wall Mount (OLW480 A/B)						
	Tilt (Face Down): Yes (Max. 30-degree tilt)						
Warranty	IP Rating: IP5X						
	Conformal Coating (Power Board): Yes (Partial Space Coating)						
Warranty: 3 Year Limited							

Lifetime spec does not supersede the Limited 3 Year Warranty.

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