

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

UHD Signage UH5Q Series

UHD Signage Display with LG webOS Platform and Advanced Security

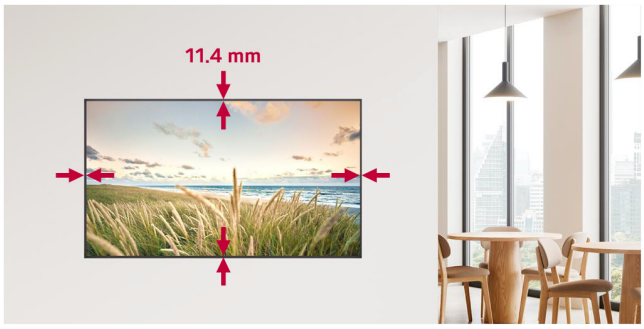
- HDR Support
- Slim & Even Bezel
- webOS Smart Platform
- LG Shield

UH5Q	
Screen Size	86" / 75" / 65" / 55" / 49" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	Up to 500 nits (Typ.)
Surface Treatment (Haze)	86" / 75" / 65" / 55" / 43": 25% 49": 28%
Bezel Width	11.4 mm (Even Bezel)



Superb Picture Quality with Ultra HD Resolution

With the resolution of UHD, it makes the colors and details of the content vivid and realistic. In addition, the wide viewing angle provides clear content.



Even & Slim Bezel Design

The UH5Q series features perfectly balanced horizontal and vertical slim bezels, creating a visually harmonious display solution. Its specialized design simplifies installation in retail environments while delivering a truly immersive viewing experience.



Convenient webOS Platform

The UH5Q is equipped with a high-performance SoC (System on Chip) 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, and includes webOS partner apps to create an SI-friendly (System Integrator) environment.



Design for Space Utilization

Designed with thin bezels and simple cable management, the UH5Q saves space. With specialized hidden power inlets, it can be installed close to the wall, leaving only about 13.5 mm of space with the slim bracket.

* 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

Optimized for business environments, the UH5Q is protected against salt, dust, iron powder and humidity thanks to conformal partial coating on power board, allowing for stable operation. Also, its customer-centric features, such as IP5x and Shock Monitoring*, provide both reliability and satisfaction.

* When a physical impact occurs on the product, an alert is provided to the administrator through the media controller.



Comprehensive Security

webOS Signage goes beyond security measures at the operating system (OS) level. LG Shield employs a five-tiered defense system, encompassing server, application, operating system, system, and hardware. Each layer operates independently, providing comprehensive protection against various threats. Also webOS platform support ETSI EN 303 645.



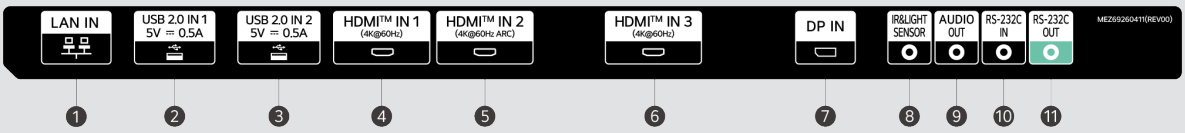
SuperSign™ Solutions

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.

* SuperSign must be purchased separately

CONNECTIVITY

65” / 55” / 49” / 43”



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

SPECIFICATIONS

			86UH5Q-E	75UH5Q-E	65UH5Q-E	55UH5Q-E	49UH5Q-E	43UH5Q-E
Panel	Screen Size		86"	75"	65"	55"	49"	43"
	Panel Technology		ADS	ADS	ADS	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		3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)
	Refresh Rate		60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
	Brightness (Typ.)		Up to 500 nits	Up to 500 nits	Up to 500 nits	Up to 500 nits	Up to 500 nits	Up to 500 nits
	Contrast Ratio		1,200:1	1,200:1	1,200:1	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 x V)		178 X 178	178 X 178	178° x 178°	178° x 178°	178° x 178°	178° x 178°
	Color Depth (Number of Colors)		1.07G (8bits + FRC)	1.07G (8bits + FRC)	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		8m (G to G)	8m (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)
	Surface Treatment (Haze)		25%	25%	25%	25%	25%	25%
	Lifetime		Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs	Up to 50,000 Hrs
	Operation Hours (Hours/Day)		24/7	24/7	24/7	24/7	24/7	24/7
	Portait / Landscape		Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input		HDMI (3, HDCP 2.2/1.4), DP (HDCP 2.2/1.3), RS-232C (4 Pin Phone-Jack), RJ45 (LAN), IR, USB 2.0 Type A (2)					
	Output		Audio, RS-232C (4 Pin Phone-Jack), IR (No / Yes (Support IR Daisy Chain via RS232C In/Out))					
Mechanical	Bezel Color		Black	Black	Black	Black	Black	Black
	Bezel Width		13.4mm (Even)	12.9mm (Even)	11.4 mm (Even)	11.4 mm (Even)	11.4 mm (Even)	11.4 mm (Even)
	Weight (Head)		116.8 lbs./ 53.0 kg	78.7/ 35.7 kg	46.5 lbs. / 21.1 kg	31.5 lbs. / 14.3 kg	25.2 lbs. / 11.4 kg	20.7 lbs. / 9.4 kg
	Packed Weight		147 lbs./ 66.7 kg	97 lbs./ 44 kg	59.5 lbs. / 27.0 kg	39.9 lbs. / 18.1 kg	31.3 lbs. / 14.2 kg	24.9 lbs. / 11.3 kg
	Monitor Dimensions (W x H x D)		1928.8 x 1099.8 x 29.7mm	1679.5 x 958.7 x 29.7mm	57.4 × 32.8 × 1.2 in. 1,459 × 835 × 29.7 mm	48.9 × 28.1 × 1.2 in. 1,240.1 × 711.9 × 29.7 mm	43.5 × 25 × 1.2 in. 1,104.3 × 635.5 × 29.7 mm	38.3 × 22.1 × 1.2 in. 971.7 × 561.0 × 29.7 mm
	Carton Dimensions (W x H x D)		2100 x 1250 x 253mm	1820 x 1115 x 200mm	62.2 × 37.4 × 6.8 in. 1,580 × 950 × 172 mm	53.5 × 31.9 × 5.9 in. 1,360 × 810 × 152 mm	47.8 × 29.2 × 5.6 in. 1,215 × 742 × 142 mm	41.5 × 25.9 × 5.5 in. 1,055 × 660 × 140 mm
	Handle		Yes	Yes	No	No	No	No
	VESA™ Standard Mount Interface		600 x 400 mm	600 x 400 mm	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
Key Features	Internal Memory 16 GB, Wi-Fi & Bluetooth (Built-in), Temperature Sensor, Auto Brightness Sensor[2], Acceleration (Gyro) Sensor, Local Key Operation, webOS 8.0, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Booting Logo Image, No Signal Image, RS-232C Sync, Local Network Sync, PIP, PBP (4), 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, Crestron Connected[2], Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom, HDR10 supported							
Environmental 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	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%	10% to 80%	10% to 80%
Power	Power Supply		100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Power Type				Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Consumption	Typ. / Max.	205 W / 297W	160 W / 257 W	130 W / 184 W	103 W / 154 W	83 W (TBD) / 134 W (TBD)	65 W / 124 W (TBD)
		BTU (British Thermal Unit)	699 BTU/Hr(Typ.), 1013 BTU/Hr(Max)	546 BTU/Hr(Typ.), 843 BTU/Hr(Max)	444 BTU/Hr (Typ.), 699 BTU/Hr (Max.)	351 BTU/Hr (Typ.), 525 BTU/Hr (Max.)	283 BTU/Hr (Typ.), 457 BTU/Hr (Max.)	222 BTU/Hr (Typ.), 423 BTU/Hr (Max.)
		Smart Enegy Saving (70%)	144W	112W	91 W	72 W	58 W	46 W
		DPM	0.5 W	0.5 W	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	0.5 W	0.5 W
Sound	Built-in Speakers		Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)
Certification	Safety		CB / NRTL	CB / NRTL	CB / NRTL	CB / NRTL	CB / NRTL	CB / NRTL
	EMC		FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC
	ERP / Energy Star		N/A / Yes	N/A / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	ePEAT (US Only)		Yes (Carbon "Reducing CO_2")	Yes (Carbon "Reducing CO_2")	Yes (Carbon "Reducing CO_2")	Yes (Carbon "Reducing CO_2")	Yes (Carbon "Reducing CO_2")	Yes (Carbon "Reducing CO_2")
Software Compatibility	SuperSign CMS, SuperSign Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, LG ConnectedCare[4]							
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Türkçe, Arabic, Polski							
Warranty & Other	Basic		Remote Controller, Power Cord, QSG, Regulation Book, Phone to RS232C Gender, Cable Holder (For Power Cord), IR/Light Sensor Receiver (EU/EK Only), Magnetic Sheet (2, EU/EK Only)					
	Optional		Slim Wall Mount (WB21LMA/B), Normal Wall Mount (OLW480A/B), IR/Light Sensor Receiver (ACC-L)					
	Tilt (Face up/Face down)		No	No	Yes (Max. 15° Degree, 40°C Temperature)	Yes (Max. 15° Degree, 40°C Temperature)	Yes (Max. 15° Degree, 40°C Temperature)	Yes (Max. 15° Degree, 40°C Temperature)
	IP Rating		IP5X	IP5X	IP5X	IP5X	IP5X	IP5X
	Conformal Coating (Power Board)		Yes (Partial Space Coating)	Yes (Partial Space Coating)	Yes (Partial Space Coating)	Yes (Partial Space Coating)	Yes (Partial Space Coating)	Yes (Partial Space Coating)
	Warranty		3 year limited	3 year limited	3 year limited	3 year limited	3 year limited	3 year limited

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.

Life's Good.

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