



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

UHD Signage UH7Q-E Series

UHD Signage Display with LG webOS Platform and Advanced Security



HDR Support



Slim & Even
Bezel



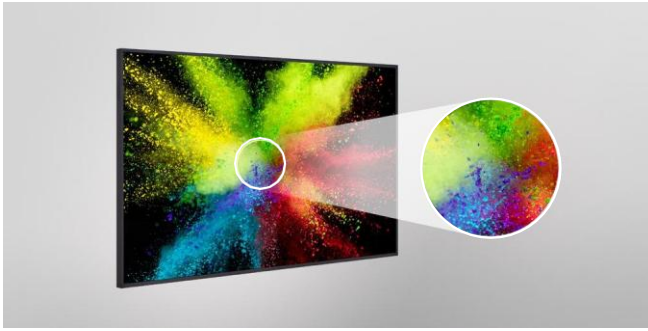
webOS Smart
Platform



LG Shield

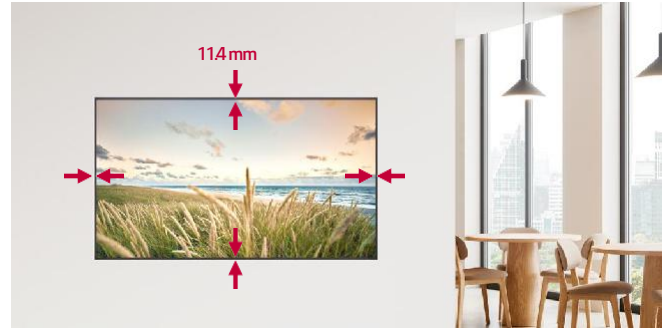
UH7Q-E

Screen Size	65" / 55" / 49" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	700 nits (Typ.)
Surface Treatment (Haze)	65" / 55" / 43" : 25% (TBD) 49" : 28% (TBD)
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 UH7Q-E 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 UH7Q-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, and includes webOS partner apps to create an SI-friendly environment.

* SoC : System On Chip

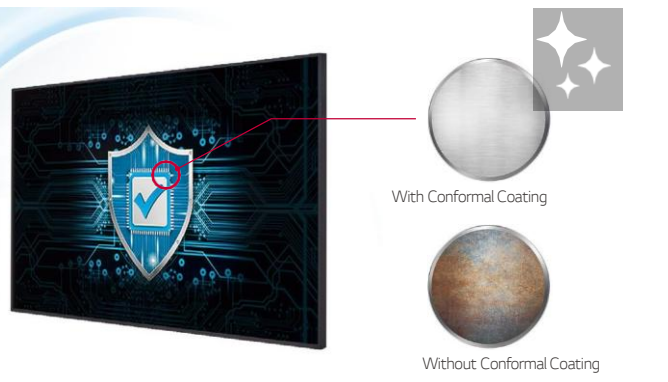
** SI : System Integrator



Design for Space Utilization

Designed with thin bezels and simple cable management, the UH7Q 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 UH7Q-E 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.

* All images are for illustrative purpose



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

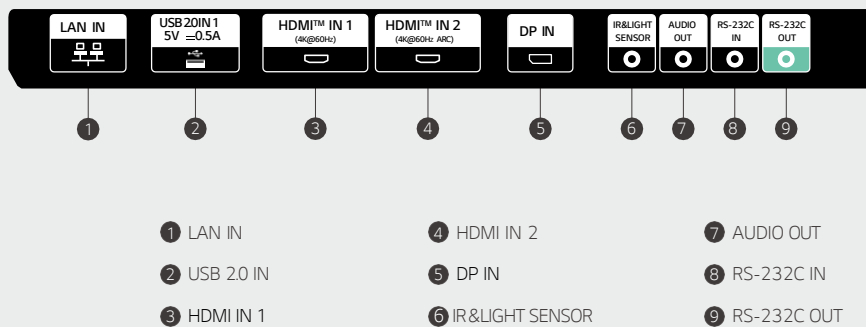
SuperSign is an integrated and intuitive content management solution for creative and organized digital signage content in your space, connecting customers to a range of services with convenient user experiences. There are a variety of versions such as SuperSign Cloud, so discover and enjoy the version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

* SuperSign must be purchased separately.

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CONNECTIVITY

65" / 55" / 49" / 43"



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		65UH7Q-E	55UH7Q-E	49UH7Q-E	43UH7Q-E
Panel	Screen Size	65"	55"	49"	43"
	Panel Technology	ADS	ADS	IPS	ADS
	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	700 nit (Typ.)	700 nit (Typ.)	700 nit (Typ.)	700 nit (Typ.)
	Contrast Ratio	1,200 : 1(TBD)	1,200 : 1(TBD)	1,100 : 1(TBD)	1,200 : 1(TBD)
	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 × V)	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	10bit(D), 1.07Billion colors	10bit(D), 1.07Billion colors	10bit(D), 1.07Billion colors	10bit(D), 1.07Billion colors
	Response Time	8 ms (G to G) (TBD)	8 ms (G to G) (TBD)	8 ms (G to G) (TBD)	8 ms (G to G) (TBD)
	Surface Treatment (Haze)	25%(TBD)	25%(TBD)	28%(TBD)	25%
	Life time	50,000 Hrs (Min.)	50,000 Hrs (Min.)	50,000 Hrs (Min.)	50,000 Hrs (Min.)
	Operation Hours (Hours / Day)	24 / 7	24 / 7	24 / 7	24 / 7
Connectivity	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Input	HDMI (2), DP, Audio, RS-232C (4 Pin Phone-jack), RJ45 (LAN), IR, USB 2.0 Type A, USB 2.0 Type C (without PD Function)			
Mechanical Specification	Output	Audio Out, RS-232C(4 Pin Phone-jack),			
	Bezel Color	Black	Black	Black	Black
	Bezel Width	Even bezel : 11.4mm	Even bezel : 11.4mm	Even bezel : 11.4mm	Even bezel : 11.4mm
	Weight (Head)	30.4 kg(TBD)	20.5 kg. (TBD)	16.1 kg. (TBD)	11.1 kg. (TBD)
	Weight (Head + Stand)	x	x	x	x
	Packed Weight	30.4 kg	20.5 kg	16.1 kg	12.8 kg
	Monitor Dimensions (W × H × D)	1,457.9 × 834.0 × 29.7mm (TBD)	1,239 × 710.8 × 29.7mm (TBD)	1,104.3 × 645.5 × 29.7mm (TBD)	1,104.3 × 645.5 × 29.7mm (TBD)
	Carton Dimensions (W × H × D)	1,600.0 × 970.0 × 172.0mm (TBD)	1,360.0 × 810.0 × 152.0mm (TBD)	1,215.0 × 742.0 × 142.0mm (TBD)	1,055.0 × 660.0 × 142.0mm (TBD)
	Handle	No	No	No	No
Key Features	VESA™ Standard Mount Interface	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
	Internal Memory (16GB),Wi-Fi/BT (Built-in), Sensor(Temperature Sensor, Acceleration(Gyro) Sensor)), Local Key Operation, webOS 8.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play,Fail over,Background Image (Booting Logo Image, No Signal Image), RS232C Sync, Local Network Sync, Multi-screen (PIP, PBP), Screen Share, Video Tag, Play via URL, Screen Rotation,External Input Rotation, Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Status Mailing, Control Manager, 3rd Party Compatibility(Cisco Certification, Crestron Connected),Smart Energy Saving, PM mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC, SI Server Setting, webRTC, Prodlom				
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	205 W / 130 W(TBD)	160 W / 103 W(TBD)	140 W / 87 W(TBD)	127 W / 83 W(TBD)
	BTU (British Thermal Unit)	444 BTU/Hr(Typ.), 699 BTU/Hr(Max) (TBD)	351 BTU/Hr(Typ.), 546 BTU/Hr(Max) (TBD)	297 BTU/Hr(Typ.), 478 BTU/Hr(Max) (TBD)	283 BTU/Hr(Typ.), 433 BTU/Hr(Max) (TBD)
	Smart Energy Saving (~70%)	91W (TBD)	72W (TBD)	61W (TBD)	58W (TBD)
	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
Sound	Speaker	20 W (10 W × 2)	20 W (10 W × 2)	20 W (10 W × 2)	20 W (10 W × 2)
Certification	Safety	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
	ErP / Energy Star	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Cloud, Mobile CMS (TBD), LG ConnectedCare ¹⁾			
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			
Accessory	Basic	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, USB-C Cable, Cable			
	Optional	Slim Wall Mount (WB21LMA/B)			
Special Feature	Overlay Touch Compatibility	No	No	No	No
	Tilt (Facedown)	Yes (Max 15° degree, 40°C temperature) (TBD) ²⁾	Yes (Max 15° degree, 40°C temperature) (TBD) ²⁾	Yes (Max 15° degree, 40°C temperature) (TBD) ²⁾	Yes (Max 15° degree, 40°C temperature) (TBD) ²⁾
	IP Rating	IP5X	IP5X	IP5X	IP5X

¹⁾ The availability can differ by region.²⁾ In conditions within 30°C temperature, 50% humidity

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



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