




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


UHD Signage UH7J-H Series

New High Haze UHD Standard Signage

 High Brightness

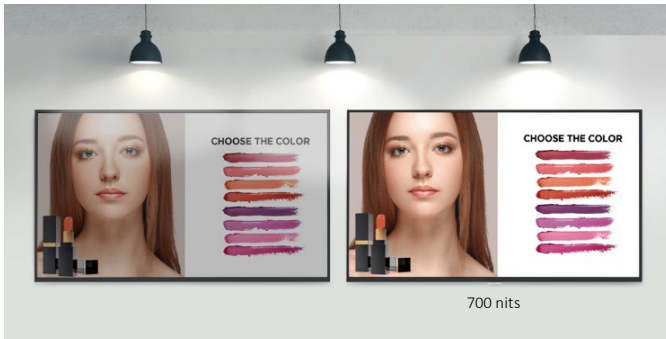
 webOS Smart Platform

 Mobile Content Management

 Meeting Room Solution



UH7J-H	
Screen Size	65" / 55" / 49" / 43"
Native Resolution	3,840 × 2,160 (UHD)
Bezel Color	Black
Brightness	700 nits (Typ.)
Bezel	65" / 55" / 49": 9.9 mm (T/R/L), 14.4 mm (B) 43": 8.4 mm (T/R/L), 14.4 mm (B)
Depth	1.57 in. / 39.9 mm



Appropriate Display Brightness

With a high brightness of 700 nits, the UH7J-H series clearly delivers content and attracts attention, making it a perfect display for marketing in airports, retail, shopping malls, etc.

* Actual images available may differ from the example images shown.



High-Performance with webOS

The LG webOS platform enhances user convenience with an intuitive user interface and simple app development tools.



Conformal Coating

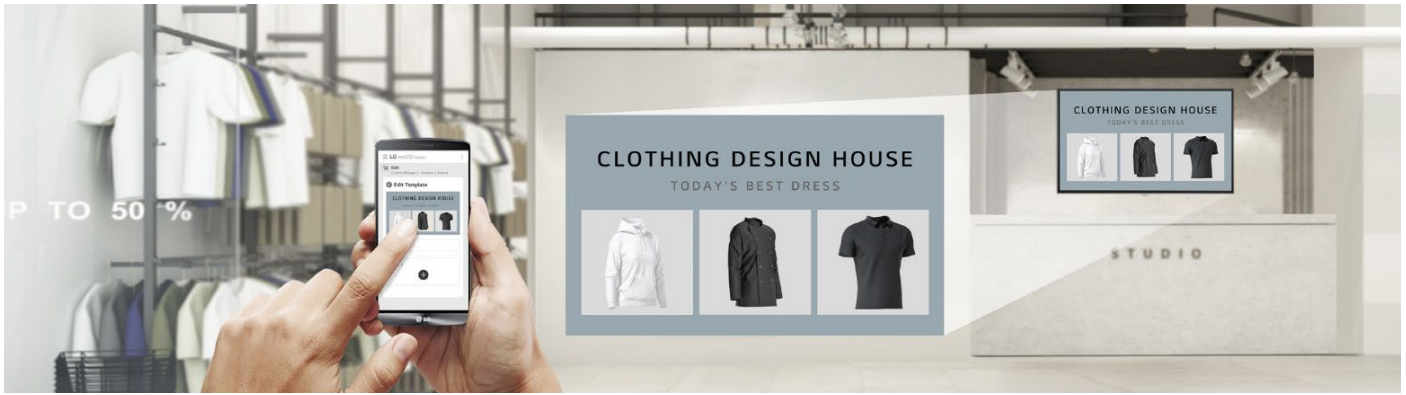
In various interiors the UH7J-H series may be unable to avoid exposure to environments containing dust, humidity, etc. which may hamper performance over time. The conformal coating on the power board reduces these risks by protecting UH7J-H series from dust, particulates, humidity, etc.

* Actual images (signage display) available may differ from the example images shown.



IP5x Certified Design

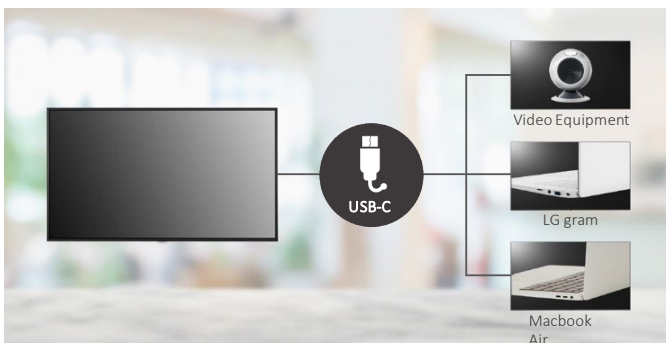
The IP5x Certification against dust ingress shows that the product is protected from dust, reducing the risk of performance degradation.



Mobile Content Management

You can create a store profile and receive template recommendations using the Promota* app. Users can customize templates as needed and easily create and manage content not only on PCs but also on mobile devices.

* LG Promota is can be downloaded from the App Store and Google Play store. (Not available for Europe/CIS Region)



USB-C Interface Port

The use of the USB-C is becoming popular for connections with laptops, video devices, and tablets. The UH7J-H series supports the USB-C jack interface, allowing easy connection with other devices.



Compatible with AV Control System

The UH7J-H series supports Crestron Connected® for compatibility with professional AV controls to promote vitually seamless integration and automated network-based control.

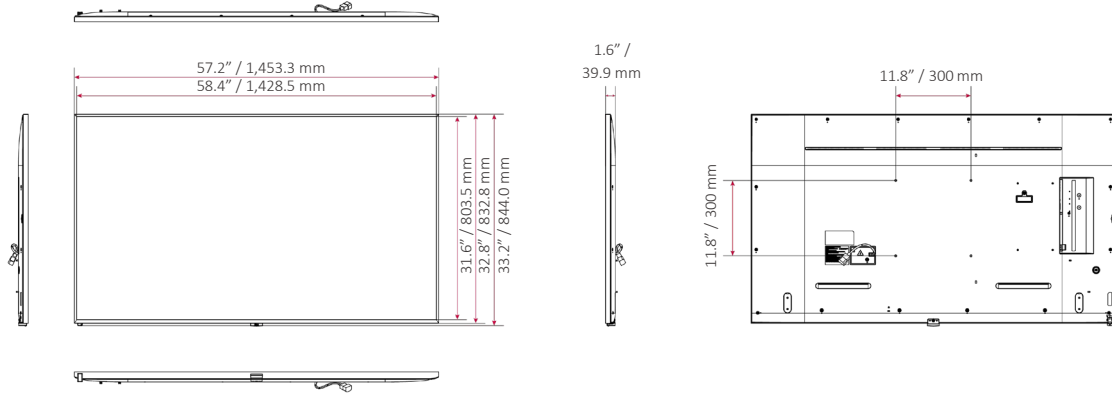
CONNECTIVITY



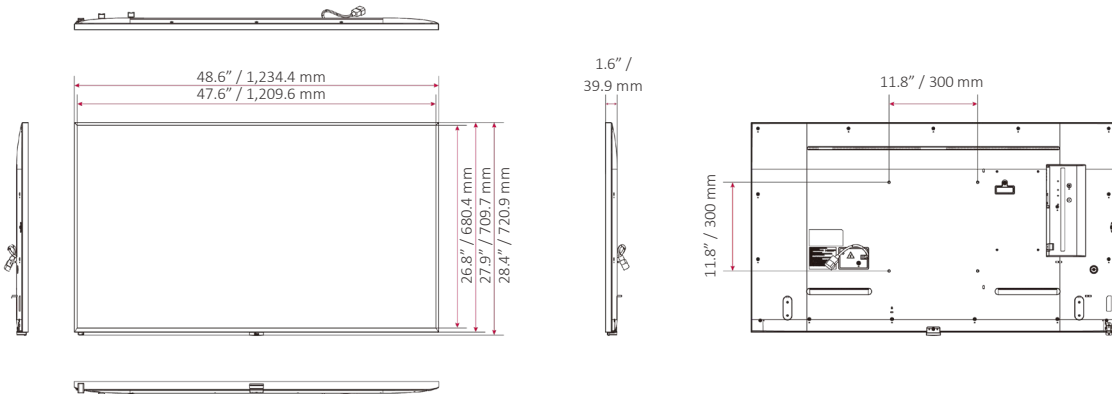
- | | | | |
|-------------|--------------|-------------------|---------------|
| ① LAN | ④ USB Type-C | ⑦ DVI-D IN | ⑩ AUDIO IN |
| ② HDMI IN 1 | ⑤ DP IN | ⑧ IR&LIGHT SENSOR | ⑪ AUDIO OUT |
| ③ HDMI IN 2 | ⑥ DP OUT | ⑨ USB | ⑫ RS-232C IN |
| | | | ⑬ RS-232C OUT |

DIMENSIONS

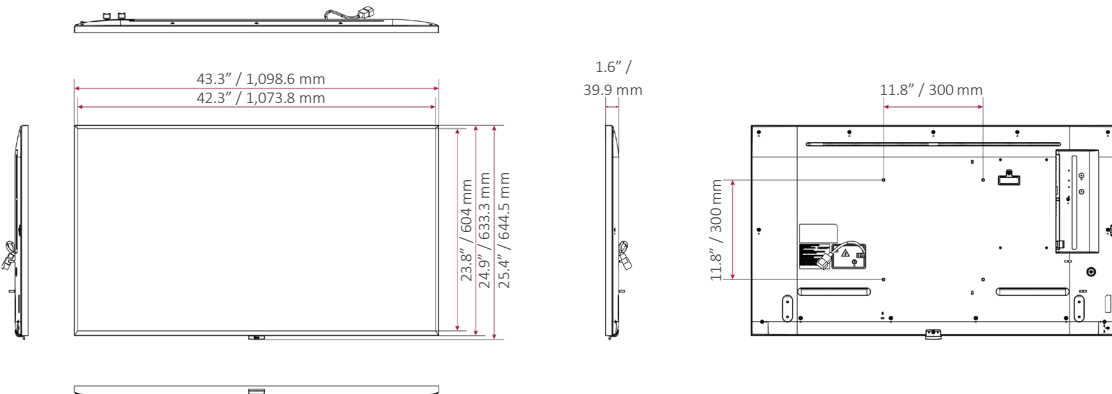
65"



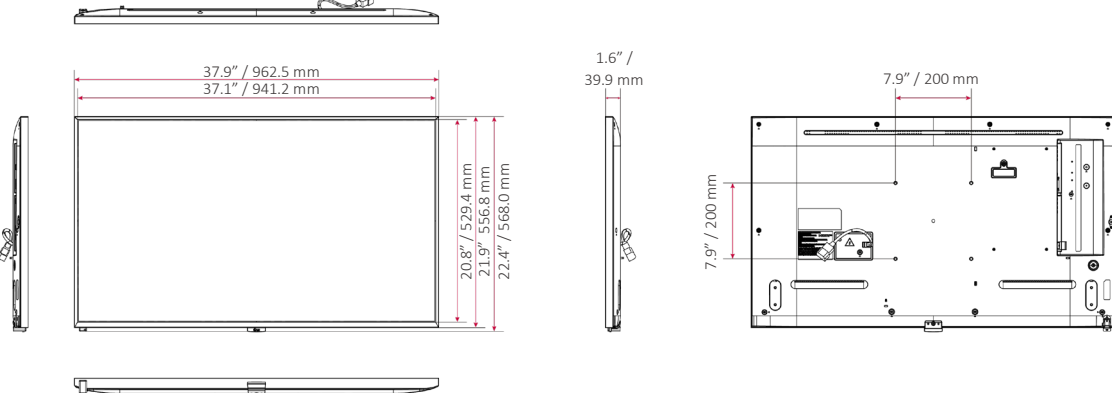
55"



49"



43"



		65UH7J-H	55UH7J-H	49UH7J-H	43UH7J-H
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	700 nits (Typ.)	700 nits (Typ.)	700 nits (Typ.)	700 nits (Typ.)
	Contrast Ratio	1,100 : 1	1,100 : 1	1,000 : 1	1,200 : 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 × V)	178° × 178°	178° × 178°	178° × 178°	178° × 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 (8 bit + FRC)
	Response Time	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	28%	28%	28%	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
Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	
Connectivity	Input	HDMI (x2, HDCP 2.2/1.4), DP (USB-C (DP Alternate Mode) Shared, HDCP 2.2/1.3), DVI-D (HDCP 1.4), Audio In, RS-232C (4-Pin 3.5mm), RJ45 (LAN), IR In, USB 2.0 Type A, USB 2.0 Type C (without PD Function)			
	Output	DP Out (Input: HDMI 1 / HDMI 2 / DVI / DP / USB-C / OPS), Audio Out, RS-232C Out (4 Pin 3.5mm)			
Mechanical Specification	Bezel Color	Black	Black	Black	Black
	Bezel Width	9.9 mm (T/R/L), 14.4 mm (B)	9.9 mm (T/R/L), 14.4 mm (B)	9.9 mm (T/R/L), 14.4 mm (B)	8.4 mm (T/R/L), 14.4 mm (B)
	Weight (Head)	62.2 lbs. / 28.2 kg	41.9 lbs. / 19.0 kg	34.0 lbs. / 15.4 kg	24.7 lbs. / 11.2 kg
	Weight (Head + Stand)	63.5 lbs. / 28.8 kg	43.2 lbs. / 19.6 kg	35.3 lbs. / 16.0 kg	26.0 lbs. / 11.8 kg
	Packed Weight	77.2 lbs. / 35.0 kg	53.4 lbs. / 24.2 kg	41.4 lbs. / 18.8 kg	30.2 lbs. / 13.7 kg
	Monitor Dimensions (W × H × D) (with LG Logo)	57.2 × 33.2 × 1.6 in. 1,453.3 × 844.0 × 39.9 mm	48.6 × 28.4 × 1.6 in. 1,234.4 × 720.9 × 39.9 mm	43.3 × 25.4 × 1.6 in. 1,098.6 × 644.5 × 39.9 mm	37.9 × 22.4 × 1.6 in. 962.5 × 568.0 × 39.9 mm
	Monitor Dimensions with Stand (W × H × D)	57.2 × 35.2 × 11.4 in. 1,453.3 × 893.1 × 290.0 mm	48.6 × 30.3 × 11.4 in. 1,234.4 × 770.7 × 290.0 mm	43.3 × 27.3 × 11.4 in. 1,098.6 × 694.3 × 290.0 mm	37.9 × 24.1 × 11.4 in. 962.5 × 613.1 × 290.0 mm
	Carton Dimensions (W × H × D) (Box Outer Size)	63.0 × 43.1 × 6.9 in. 1,600.0 × 1095.0 × 175.0 mm	53.5 × 32.9 × 6.9 in. 1,360.0 × 835.0 × 175.0 mm	47.1 × 30.5 × 6.4 in. 1,197.0 × 775.0 × 162.0 mm	41.7 × 26.0 × 6.0 in. 1,060.0 × 660.0 × 152.0 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, Acceleration (Gyro) Sensor), Local Key Operation, webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Multi-screen (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, 3 rd Party Compatibility (Crestron Connected ^{®2}), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready), Beacon, HDMI-CEC ³ , SI Server Setting, webRTC, Pro:Idiom				
Environment 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%
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
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	130 W / 190 W	110 W / 150 W	100 W / 140 W	80 W / 120 W
	BTU (British Thermal Unit)	444 BTU/Hr (Typ.), 649 BTU/Hr (Max.)	376 BTU/Hr (Typ.), 512 BTU/Hr (Max.)	342 BTU/Hr (Typ.), 478 BTU/Hr (Max.)	273 BTU/Hr (Typ.), 410 BTU/Hr (Max.)
	Smart Energy Saving (~70%)	91 W	77 W	70 W	56 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W
Sound	Power off	0.5 W	0.5 W	0.5 W	0.5 W
	Speaker	Yes	Yes	Yes	Yes
Certification	Safety	CB / NRTL	CB / NRTL	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes
OPS Compatibility	OPS Type Compatible	Yes	Yes	Yes	Yes
	OPS Power Built-in	No	No	No	No
Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Promota (Not available for EU/CIS), Mobile CMS (TBD), 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, Turkish, Arabic				
Accessory	Basic	Remote Controller, Power Cord, QSG, Regulation Book, Phone to RS-232C Gender, USB-C Cable			
	Optional	Stand (ST-653T), Wall Bracket (LSW350B), OPS Kit (KT-OPSF)			
Special Feature	Overlay Touch Compatibility	No	No	No	No
	Tilt (Facedown)	Yes (Max. 30°) ⁵	Yes (Max. 30°) ⁵	Yes (Max. 30°) ⁵	Yes (Max. 15°) ⁵
	IP Rating	IP5X	IP5X	IP5X	IP5X

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.

⁵ 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.