



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

## UHD Signage UH7J-H

# New High Haze UHD Standard Signage



High Brightness

webOS Smart Platform

Mobile Content Management

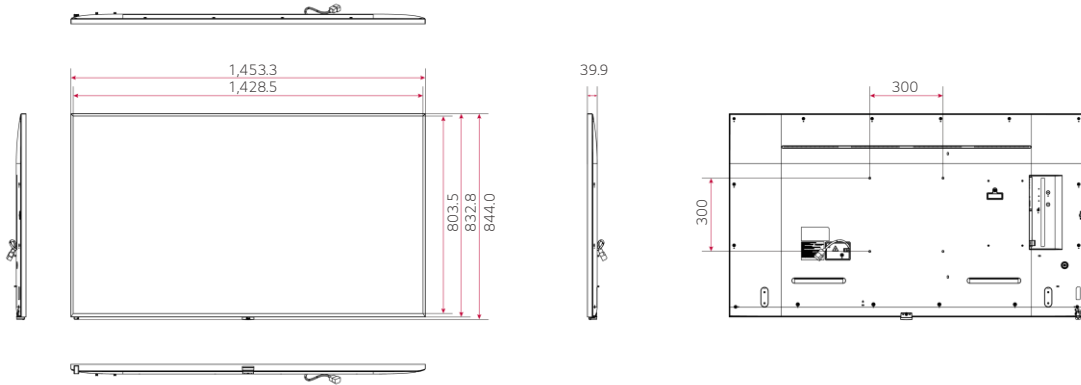
Meeting Room Solution

### UH7J-H

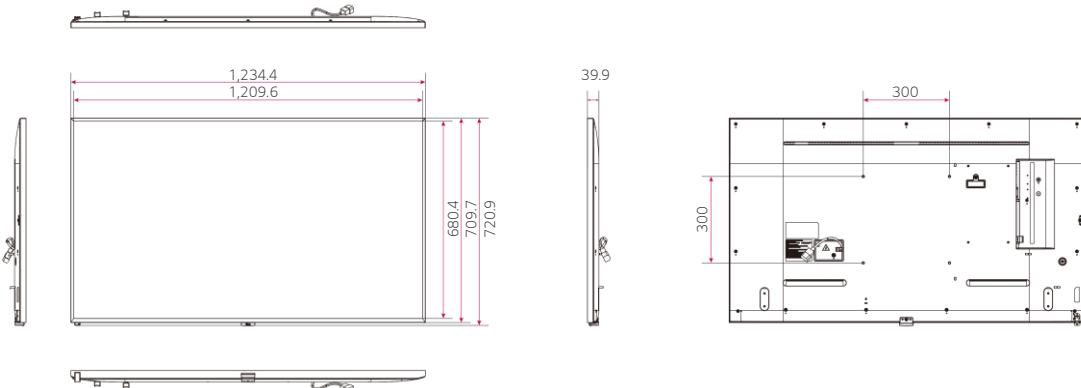
Screen Size	65" / 55" / 49" / 43"
Native Resolution	3,840 × 2,160 (UHD)
Bezel Color	Black
Brightness	700 nit (Typ.)
Bezel	65" / 55" / 49" : 9.9 mm (T/R/L), 14.4 mm (B) 43" : 8.4 mm (T/R/L), 14.4 mm (B)
Depth	39.9 mm

**DIMENSION** (unit: mm)

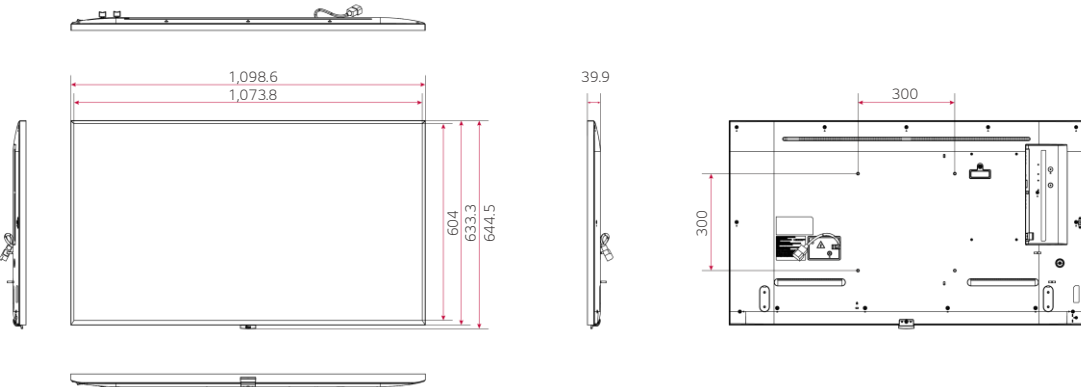
**65"**



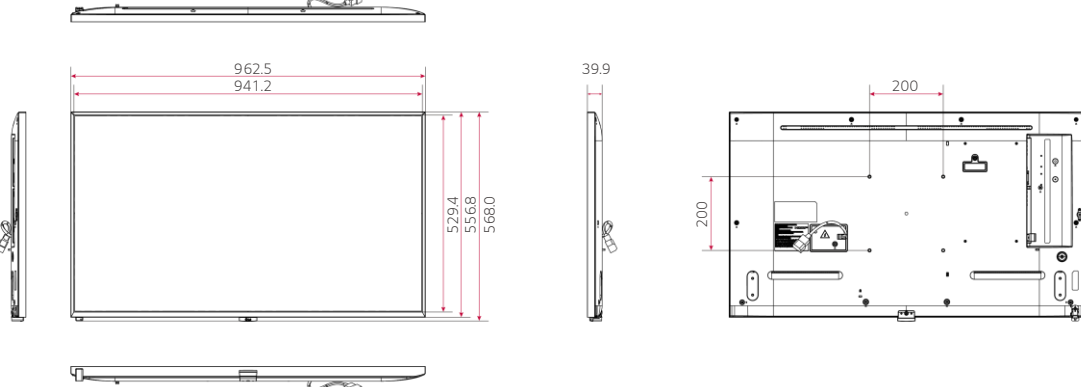
**55"**



**49"**



**43"**



\* Dimensions may differ from the above image, so please contact LG sales team to verify before ordering.

	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 nit (Typ.)	700 nit (Typ.)	700 nit (Typ.)	700 nit (Typ.)
	Contrast Ratio	1,100 : 1	1,100 : 1	1,000 : 1	1,200 : 1
	Dynamic CR <sup>1)</sup>	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 (2, 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 Phone-jack), 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 Phone-jack)			
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)	28.2 kg	19.0 kg	15.4 kg	11.2 kg
	Weight (Head + Stand)	28.8 kg	19.6 kg	16.0 kg	11.8 kg
	Packed Weight	35.0 kg	24.2 kg	18.8 kg	13.7 kg
	Monitor Dimensions (W × H × D) (with LG Logo)	1,453.3 × 844.0 × 39.9 mm	1,234.4 × 720.9 × 39.9 mm	1,098.6 × 644.5 × 39.9 mm	962.5 × 568.0 × 39.9 mm
	Monitor Dimensions with Stand (W × H × D)	1,453.3 × 893.1 × 290.0 mm	1,234.4 × 770.7 × 290.0 mm	1,098.6 × 694.3 × 290.0 mm	962.5 × 613.1 × 290.0 mm
	Carton Dimensions (W × H × D) (Box Outer Size)	1,600.0 × 1095.0 × 175.0 mm	1,360.0 × 835.0 × 175.0 mm	1,197.0 × 775.0 × 162.0 mm	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 <sup>rd</sup> Party Compatibility (Crestron Connected®), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready), Beacon, HDMI-CEC <sup>3)</sup> , SI Server Setting, webRTC, Proddiom				
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.	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
	Power off	0.5 W	0.5 W	0.5 W	0.5 W
Sound	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 <sup>4)</sup>				
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°) <sup>5)</sup>	Yes (Max. 30°) <sup>5)</sup>	Yes (Max. 30°) <sup>5)</sup>	Yes (Max. 15°) <sup>5)</sup>
	IP Rating	IP5X	IP5X	IP5X	IP5X

<sup>1)</sup> The luminosity ratio of Full Black / Full White color on video input condition.

<sup>2)</sup> Network based control

<sup>3)</sup> Compatibility may differ by equipment.

<sup>4)</sup> The availability can differ by region.

<sup>5)</sup> 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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