



LG

Business Solutions



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

**UHD Signage** UH5J-H

# New High Haze UHD Standard Signage



Proper Display Brightness



webOS Smart Platform



Mobile Content Management



Meeting Room Solution

## UH5J-H

Screen Size	98 / 86 / 75 / 65 / 55 / 49 / 43
Native Resolution	3,840 2,160 (UHD)
Bezel Color	Black
Brightness	500 nit (Typ.)
Bazel	98 / 75 : 14.9 (Even bezel) 86 / 65 : 14.3 (Even bezel) 65 / 55 / 49 : 9.9 (T/R/L), 14.4 (B) 43 : 8.4 (T/R/L), 14.4 (B)
Depth	98 : 86, 86 : 60.6 75 : 57.9 65 / 55 / 49 / 43 : 39.9



## Appropriate Display Brightness

With a recommend brightness of 500 cd/m<sup>2</sup> for indoor display, the UH5J-H series clearly delivers content and attracts public attention, making it the most suitable display for marketing in meeting rooms, airports, retail, shopping malls, etc.

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



## High-Performance with webOS

LG webOS platform enhances user convenience with intuitive GUI and simple app development tools.



## Conformal Coating

In various places the UH5J-H series is unable to avoid exposure to environments containing dust, humidity, etc. which may hamper performance over time. The conformal coating on power board reduces these risks by protecting UH5J-H series from salt, dust, iron powder, humidity, etc.

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



## Mobile Content Management

You can create a store profile and get 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)

\* In Korea, the name is not Promota, but Mustard.



## IP5x Certified Design

The IP5x Dust-Proof Certification ensures that the product is protected from dust, reducing the risk of performance degradation.



## Compatible with AV Control System

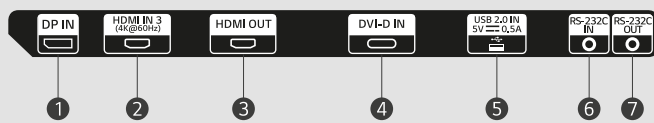
The UH5J-H series has supported Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated control\*, boosting business management efficiency.

\* Network based control

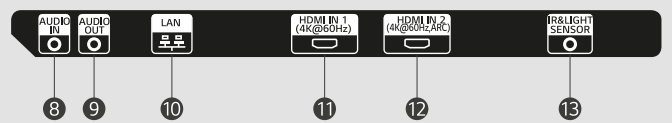
## CONNECTIVITY

98

Side

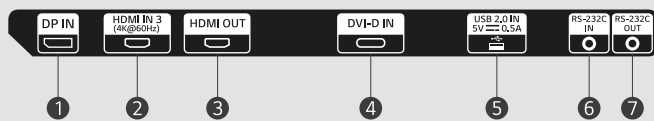


Bottom

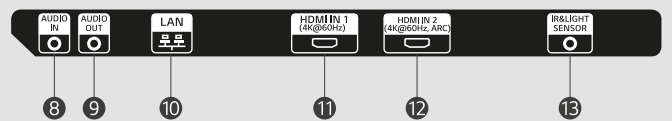


86 / 75

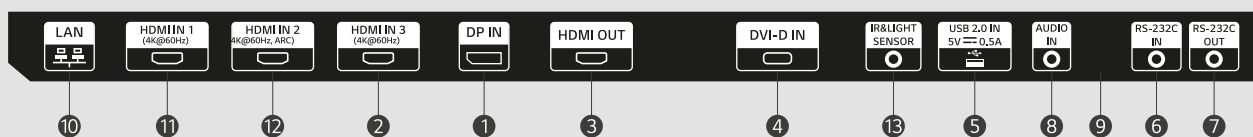
Side



Bottom



65 / 55 / 49 / 43



- |             |              |               |                   |
|-------------|--------------|---------------|-------------------|
| ① DP IN     | ④ DVI-D IN   | ⑦ RS-232C OUT | ⑩ LAN             |
| ② HDMI IN 3 | ⑤ USB 2.0 IN | ⑧ AUDIO IN    | ⑪ HDMI IN 1       |
| ③ HDMI OUT  | ⑥ RS-232C IN | ⑨ AUDIO OUT   | ⑫ HDMI IN 2       |
|             |              |               | ⑬ IR&LIGHT SENSOR |

# SPECIFICATIONS

		98UH5J-H	86UH5J-H	75UH5J-H	65UH5J-H	55UH5J-H	49UH5J-H	43UH5J-H	
<b>PANEL</b>	Screen Size	98"	86"	75"	65"	55"	49"	43"	
	Panel Technology/ Backlight Type	IPS/Direct	IPS/Edge						
	Native Resolution	3840 x 2160 (UHD)							
	Brightness(Typ.)	500nit (Typ.)							
	Contrast	(98"1200:1) 1100:1 / Dynamic 1,000,000:1							
	Color gamut	BT709 95%							
	Viewing Angle(H x V)	178 X 178							
	Color Depth	10bit(D), 1.07Billion colors							8bits + FRC, 1.07Billion colors
	Response Time	8ms (G to G)							
	Surface Treatment(Haze)	28%							25%
	Operation Hours (Hours/ Day)	24/7							
Portrait / Landscape	Yes/Yes								
<b>Connectivity</b>	Input	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP(1, HDCP 2.2/1.3), DVI-D (1, HDCP1.4), Audio, USB 2.0 Type A							
	Output	HDMI, Audio							
	External Control	RS232C(4 Pin Phone Jack) In/Out, RJ45(LAN) In, IR In							
<b>Mechanical Specification</b>	Bezel Color	Black							
	Bezel Width	Even bezel : 14.9mm	Even bezel : 14.3mm	Even bezel : 14.9mm	T/R/L: 9.9mm, B: 14.4mm			T/R/L: 8.4mm, B: 14.4mm	
	Weight(Head)	66Kg	49.0Kg	41.5Kg	28.2Kg	19.0Kg	15.4Kg	11.2Kg	
	Monitor Dimension(W x H x D)	2191.8 x 1246.8 x 86.1mm	1926.2 x 1097.2 x 60.6mm	1682.4 x 960.3 x 57.9mm	1453.3 x 844.0 x 39.9mm	1234.4 x 720.9 x 39.9mm	1098.6 x 644.5 x 39.9mm	962.5 x 568.0 x 39.9mm	
	Handle	Yes			No				
	VESATM Standard Mount Interface	800 x 400	600 x 400	600 x 400	300 x 300			200 x 200	
<b>Key Feature</b>	Media player(System On Chip), CPU-ARM Cortex-A53 1.1 GHz Quad, RAM-2GB DDR3-2133 (64bit), Memory- 16GB (System 4GB + Available 9.18GB), GPU-ARM Mali-T820 MP2 (650MHz), webOS 6.0, Built-in Wi-Fi/Temperature Sensor, Auto Brightness Sensor, Auto Input Select, Auto Sleep, Auto Wakeup, Embedded CMS,(USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Failover, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP/PBP (4), Tile Mode Setting (Max 15x15), Welcome Logo, Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected, Cisco Compatibility , Bluetooth(Beacon), HDMI-CEC, SI Server Setting, webRTC								
<b>Environment Conditions</b>	Operation Temperature	0 °C to 40 °C							
	Operation Humidity	10 % to 80 %							
<b>POWER</b>	Power Supply	AC 100-240V-, 50/60Hz							
	Power Type	Built-In Power							
<b>Power Consumption</b>	Typ./Max.	420W/620W	200W/260W	170W/230W	130W/190W	110W/150W	100W/140W	80W/120W	
	BTU (British Thermal Unit)	1434 BTU/ Hr(Typ.), 2117 BTU/Hr(Max)	683 BTU/Hr(Typ.), 888 BTU/Hr(Max)	581 BTU/Hr(Typ.), 785 BTU/Hr(Max)	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)	
<b>Sound</b>	Speaker(Built-In)	10W + 10W							
<b>CERTIFICATION</b>	Safety	CB / NRTL							
	EMC	FCC Class "A" / CE / KC							
	ErP / Energy Star	Yes(NewErP)/No	Yes(NewErP)/Yes						
<b>Media Player Compatibility</b>	OPS Type compatible	No	Yes						
<b>Software Compatibility</b>	SuperSign CMS, SuperSign Control / Control+ , SuperSign WB, SuperSign Media Editor, Mobile CMS, Signage 365 Care								
<b>Accessories</b>	Basic	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender, EYE Bolt	Remote Controller(include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender						
	Optional	NA	OPS Kit(KT-OPSF), LSW640A/B(Wall Mount)	Stand(ST-653T), Wall bracket(LSW350B), OPS Kit(KT-OPSF)			Stand(ST-653T), Wall bracket(LSW240B), OPS Kit(KT-OPSF)		
<b>Special Feature</b>	Tilt(Facedown)	NA			O(Max 30° degree, 30°C temperature, humidity 50%)			O(Max 15° degree, 30°C temperature, humidity 50%)	
	IP Rating	NA			IP5X				

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

\*USB port is compatible with suitable converter for multiple inputs.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.



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