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

UHD Signage UH5J-H

New High Haze UHD Standard Signage

- **Proper Display Brightness**
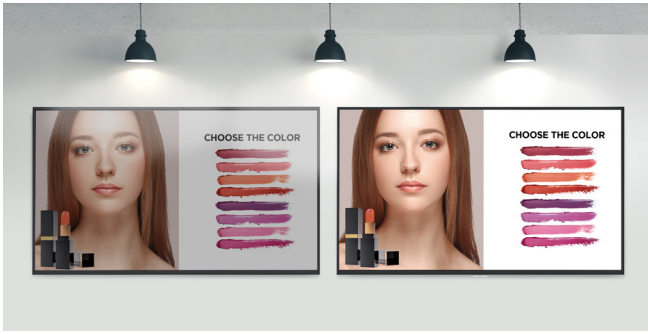- **webOS Smart Platform**
- **Mobile Content Management**
- **Meeting Room Solution**

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.)
Bezel	98 / 75 : 14.9 (Even bezel) 86 : 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/m2 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.
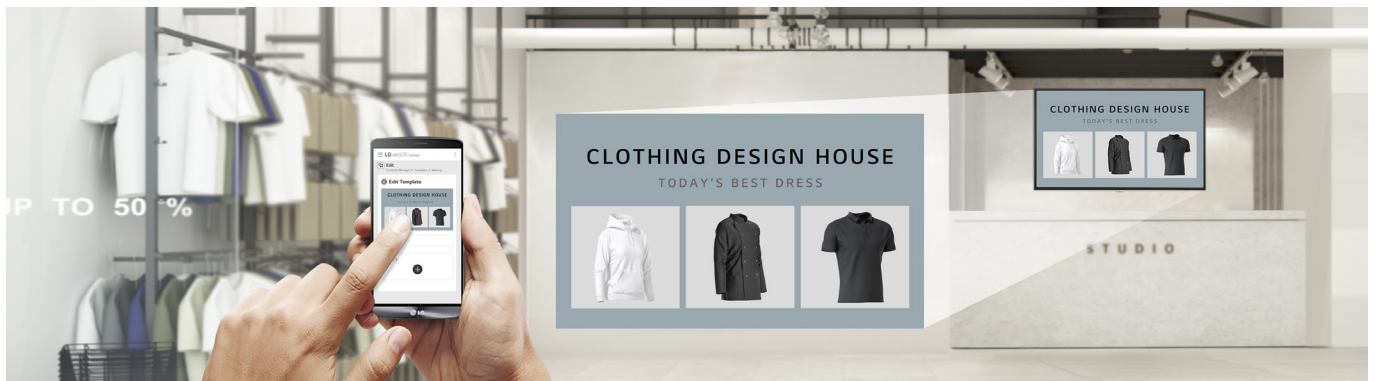
Mobile Content Management

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.
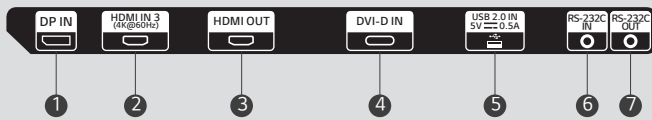
Compatible with AV Control System

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.
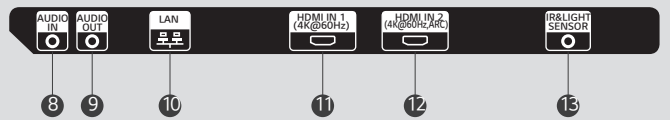
* Network based control

CONNECTIVITY

98
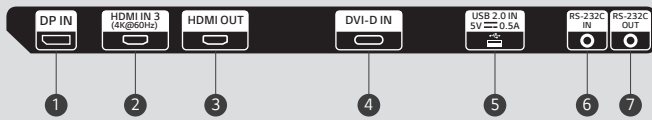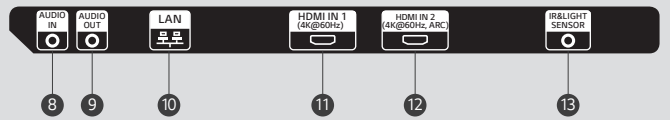
Side
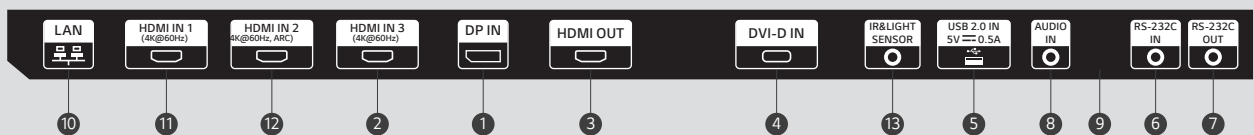
DP IN	HDMI IN 3 (4K@60Hz)	HDMI OUT	DVI-D IN	USB 2.0 IN 5V 0.5A	RS-232C IN	RS-232C OUT
1	2	3	4	5	6	7

Bottom

AUDIO IN	AUDIO OUT	LAN	HDMI IN 1 (4K@60Hz)	HDMI IN 2 (4K@60Hz, ARC)	IR&LIGHT SENSOR
8	9	10	11	12	13

86 / 75

Side

DP IN	HDMI IN 3 (4K@60Hz)	HDMI OUT	DVI-D IN	USB 2.0 IN 5V 0.5A	RS-232C IN	RS-232C OUT
1	2	3	4	5	6	7

Bottom

AUDIO IN	AUDIO OUT	LAN	HDMI IN 1 (4K@60Hz)	HDMI IN 2 (4K@60Hz, ARC)	IR&LIGHT SENSOR
8	9	10	11	12	13

65 / 55 / 49 / 43

LAN	HDMI IN 1 (4K@60Hz)	HDMI IN 2 (4K@60Hz, ARC)	HDMI IN 3 (4K@60Hz)	DP IN	HDMI OUT	DVI-D IN	IR&LIGHT SENSOR	USB 2.0 IN 5V 0.5A	AUDIO IN	RS-232C IN	RS-232C OUT
10	11	12	2	1	3	4	13	5	8	9	6	7

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

SPECIFICATIONS

		98UH5J-H	86UH5J-H	75UH5J-H	65UH5J-H	55UH5J-H	49UH5J-H	43UH5J-H
PANEL	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						
Connectivity	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						
Mechanical Specification	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
Key Feature		Media player(System On Chip), CPU-ARM Cortex Quadcore Processor,2GB RAM,16 GB Memory,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						
Environment Conditions	Operation Temperature	0 °C to 40 °C						
	Operation Humidity	10 % to 80 %						
POWER	Power Supply	AC 100-240V~, 50/60Hz						
	Power Type	Built-In Power						
Power Consumption	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.)
Sound	Speaker(Built-In)	10W + 10W						
CERTIFICATION	Safety	CB / NRTL						
	EMC	FCC Class "A" / CE / KC						
	ErP / Energy Star	Yes(NewErP)/No	Yes(NewErP)/Yes					
Media Player Compatibility	OPS Type compatible	No	Yes					
Software Compatibility		SuperSign CMS, SuperSign Control / Control+ , SuperSign WB, SuperSign Media Editor, Mobile CMS, Signage 365 Care						
Accessories	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)
Special Feature	Tilt(Facedown)	NA			O(Max 30º degree, 30ºC temperature, humidity 50%)			O(Max 15º degree, 30ºC temperature, humidity 50%)
	IP Rating	NA			IP5X			

* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.
* USB port is compatible with suitable converter for multiple inputs.

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