Vibrant Colors and Powerful Performance Bring Content to Life

98/86/75UH5E

With superb picture quality and cutting-edge intelligence, the UH5E series enlivens colors without the aid of peripherals. Its quality and brightness are enough to capture the attention of passersby. Moreover, its convenient advanced usability allows users to effortlessly control and manage the display.

LG | Business Solutions

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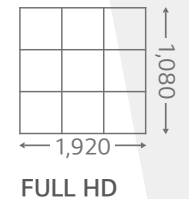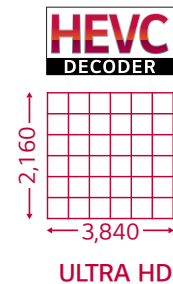## Superior Picture Quality

True Color, Immersive View

The UH5E series is large enough to display content and get undivided attention from various viewers. LG IPS panel features a wide range of angle to deliver clear content regardless of the position of viewers. Each pixel in the IPS panel reproduces image colors true-to-life, without distortion.

Vivid Color Details with Ultra HD

The UHD resolution allows users to view details even when zooming in on the display, with four times higher definition than FHD. The UH5E ensures stable UHD video playback with HEVC (High Efficiency Video Coding).

HEVC DECODER

2,160
3,840
ULTRA HD

1,080
1,920
FULL HD

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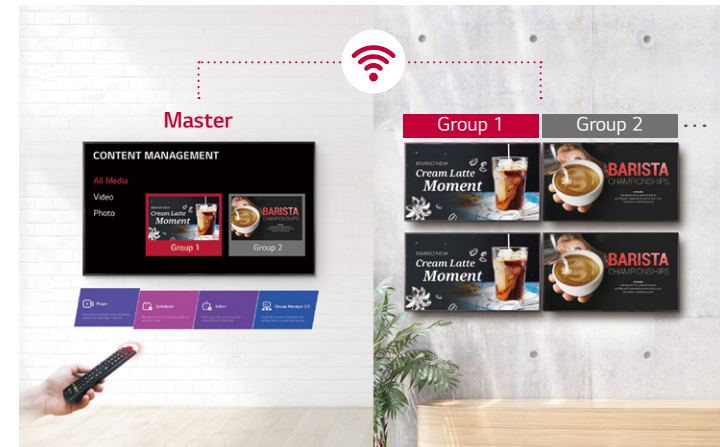## 98/86/75UH5E

Powerful webOS Smart Signage Platform

Easy Content Management

The embedded CMS (Content Management System) allows you to create and edit content using internal/external sources as well as set playlists to play at the desired schedule without the need for a separate PC. Thanks to the intuitive GUI and a menu structure based on usage scenarios, content management has been made much easier.

Simple Group Management

The embedded Group Manager makes a master display work as a server and manage other displays [1] connected on the same network. This way you can group and control multiple displays in your place of business and distribute playlists to them all at once, using input devices such as a remote control.

1) One master display can create a max. of 25 groups, and each group can consist of a max. of 12 slave displays.
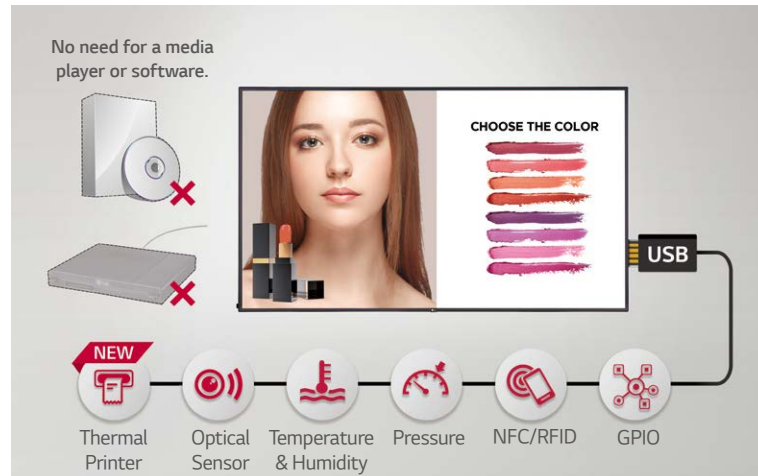
Vibrant Colors and Powerful Performance Bring Content to Life
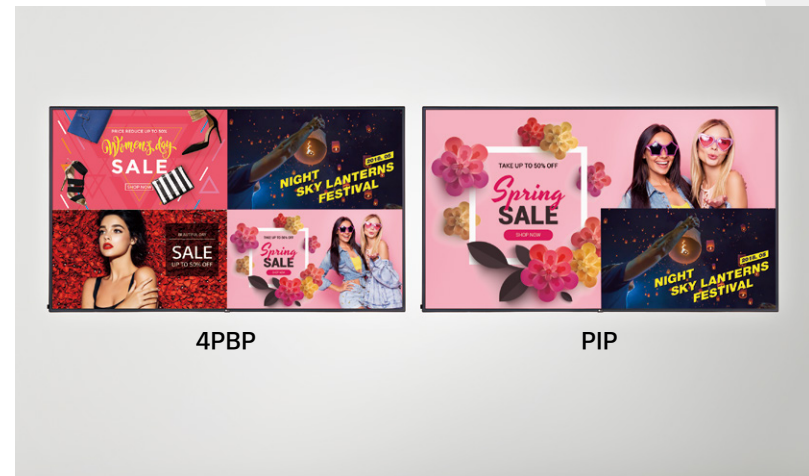## 98/86/75UH5E

Powerful webOS Smart Signage Platform

Various Sensor Applications

LG webOS smart signage platform easily supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc. via USB plug-in. The overall cost of ownership is reduced as there's no need to purchase additional software or media players for creating value-added solutions.

No need for a media player or software.

CHOOSE THE COLOR

USB

NEW

Thermal Printer | Optical Sensor | Temperature & Humidity | Pressure | NFC/RFID | GPIO

Multi Screen Mode

PBP (Picture-By-Picture) features multi screen in a single display with upto 4 input sources while PIP (Picture-In-Picture) supports playing both main screen and sub screen at the same time with various layouts. This gives great flexibility to allocate space for each content souce.

4PBP   PIP

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Easy Maintenance

Real-Time Monitoring & Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple displays in different locations in real-time. It is available on internet-connected devices, allowing you to flexibly and rapidly respond to emergency situations anywhere.

Real-time Care Service

The maintenance gets easier and faster with an optional service Signage 365 Care, a cloud service solution provided by LG service. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.

Repair

Signage 365 care

Status, Usage Data

Monitoring / Fault Detection

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Wireless Solution

Content Sharing
Content Mirroring among devices is more convenient on a Wi-Fi network.

Real-time Promotion
With Beacon and BLE $^{(Bluetooth\ Low\ Energy)}$, shop managers can provide coupons and information in real-time.

Wireless Access Point
The UH5E series operates as a virtual router which can be an wireless access point for mobile devices.

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High Compatibility

Compatibility with AV Control System

The UH5E series has been certified Crestron Connected® for a higher level of compatibility with professional AV controls to achieve seamless integration and automated control [1], boosting business management efficiency.

1) Network-based control

Compatibility with Video Conference System

For the optimum visual meeting, the UH5E has certified its compatibility with Cisco Spark Room Kits, a system that offers powerful and integrated control [1] for a smarter video conference, eliminating a waste of time to set up the picture quality or to change input on incoming calls.

1) The integrated control of the display and Cisco system is enabled through the HDMI cable connection.

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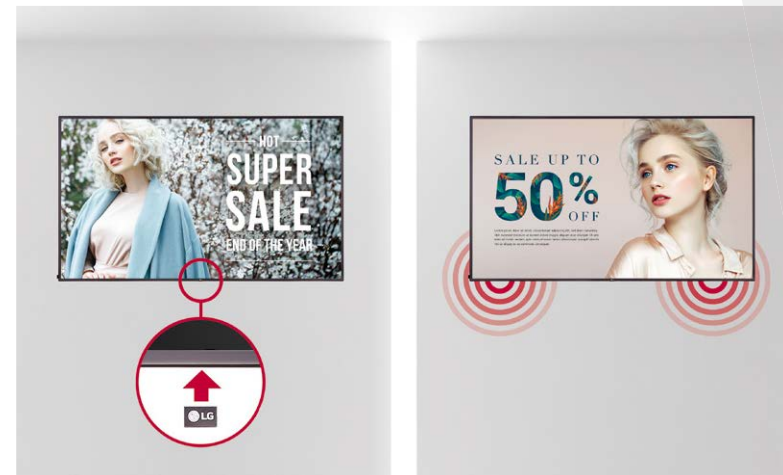## 98/86/75UH5E

Space-efficient Design

Slim and Tidy in Appearance

Although UH5E series is a large-sized display, the product still has a slim depth, a feature that allows easy installation by using less space. An immersive view is attained while maintaining a sleek look.

57.9 mm (75")

Detachable Logo & Built-in Speaker

The detachable logo allows for installation in the desired orientation in landscape or portrait mode, making it easy for the user to arrange the signage. Also, sounds can be played from built-in speakers [1], giving advertisements greater impact.
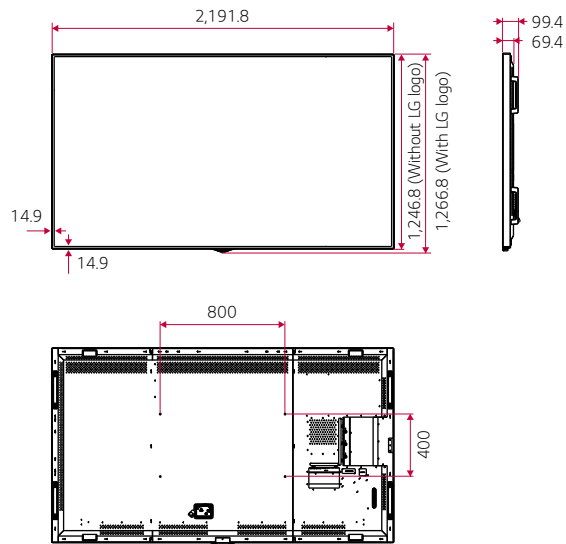

Detachable Logo
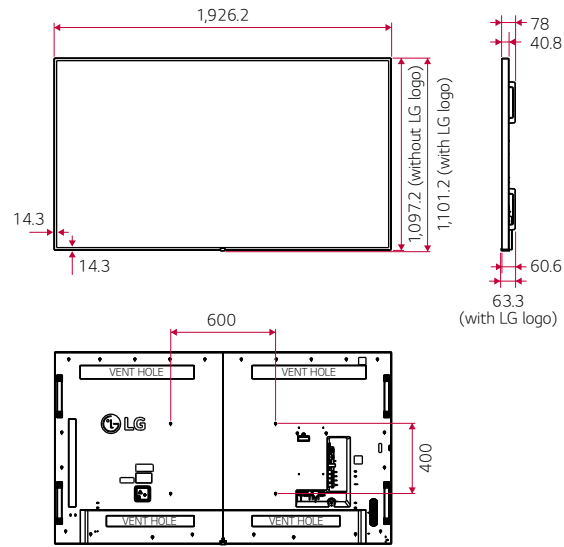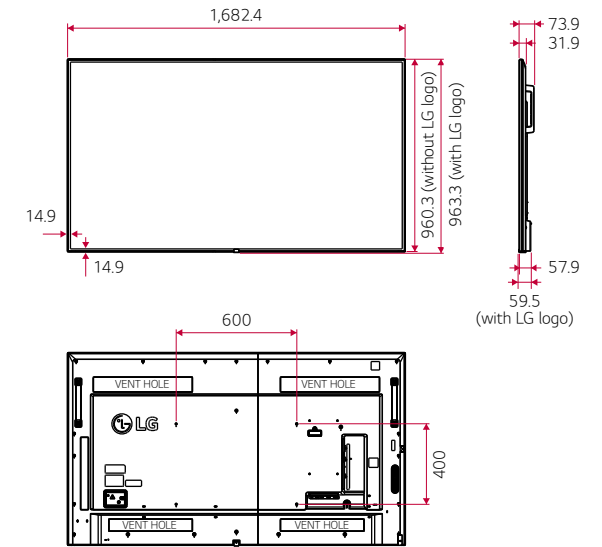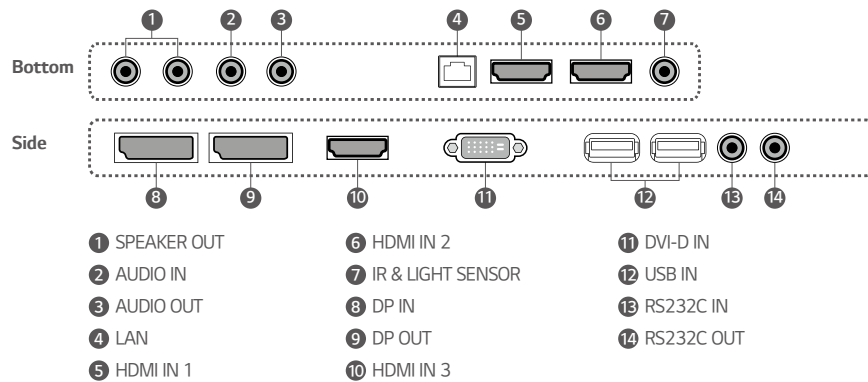
Built-in Speaker

1) Except 98"

Dimension (unit: mm)

98"

2,191.8
99.4
69.4
1,246.8 (Without LG logo)
1,266.8 (With LG logo)
14.9
14.9
800
400

86"

1,926.2
78
40.8
1,097.2 (without LG logo)
1,101.2 (with LG logo)
14.3
14.3
60.6
63.3 (with LG logo)
600
400
VENT HOLE
VENT HOLE
LG
VENT HOLE
VENT HOLE

75"

1,682.4
73.9
31.9
960.3 (without LG logo)
963.3 (with LG logo)
14.9
14.9
57.9
59.5 (with LG logo)
600
400
VENT HOLE
VENT HOLE
LG
VENT HOLE
VENT HOLE

Connectivity

98"

Bottom ① ② ③ ④ ⑤ ⑥ ⑦

Side ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭

① SPEAKER OUT	⑥ HDMI IN 2	⑪ DVI-D IN
② AUDIO IN	⑦ IR & LIGHT SENSOR	⑫ USB IN
③ AUDIO OUT	⑧ DP IN	⑬ RS232C IN
④ LAN	⑨ DP OUT	⑭ RS232C OUT
⑤ HDMI IN 1	⑩ HDMI IN 3	

86"/75"

Bottom ① ② ③ ④ ⑤ ⑥

Side ⑦ ⑧ ⑨ ⑩ ⑫ ⑫ ⑬

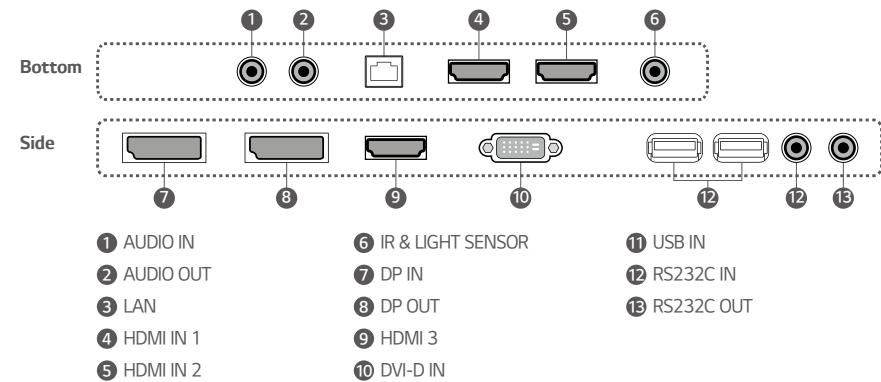| ① AUDIO IN | ⑥ IR & LIGHT SENSOR | ⑪ USB IN |
② AUDIO OUT	⑦ DP IN	⑫ RS232C IN
③ LAN	⑧ DP OUT	⑬ RS232C OUT
④ HDMI IN 1	⑨ HDMI 3	
⑤ HDMI IN 2	⑩ DVI-D IN	

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG salesteam to verify before ordering.

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Specifications

		98UH5E	86UH5E	75UH5E
PANEL	Screen Size	98"	86"	75"
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	16:9	16:9	16:9
	Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Brightness (Typ.)	500 cd/m²	500 cd/m²	500 cd/m²
	Contrast Ratio	1,300:1	1,200:1	1,200:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8ms (G to G)	8ms (G to G)	6ms (G to G)
	Surface Treatment (Haze)	Haze 1%	Haze 3%	Haze 3%
	Life Time (Typ.)	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours	24Hrs	24Hrs	24Hrs
	Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait
CONNECTIVITY	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)		
	Output	DP, Audio (Off/Fixed/Variable), External Speaker		
	External Control	RS232C In/out, RJ45 In, IR In		
MECHANICAL SPECIFICATION	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even)	14.3 mm (Even)	14.9 mm (Even)
	Monitor Dimension (W x H x D)	2,191.8 x 1,246.8 x 69.4 mm	1,926.2 x 1,097.2 x 60.6[1] mm	1,682.4 x 960.3 x 57.9[1] mm
	Weight (Head)	88 kg	49 kg	41.5 kg
	Carton Dimensions (W x H x D)	2,342 x 1,386 x 402 mm	2,073 x 1,260 x 292 mm	1,816 x 1,123 x 228 mm
	Packed Weight	123 kg	61.1 kg	49 kg
	Handle	No	Yes	Yes
	VESA™ Standard Mount Interface	800 x 400 mm	600 x 400 mm	600 x 400 mm
KEY FEATURE		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, webOS 4.0, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP/PBP(4), Tile Mode Setting (Max 15x15), Setting Data Cloning, Firmware Update by Network, SNMP 1.4, ISM Mode, Crestron Connected®[2], Cisco Compatibility[3], Beacon, HDMI-CEC[4], SI Server Setting, webRTC		
ENVIRONMENTAL CONDITIONS	Operation Temperature	0℃ to 40℃	0℃ to 40℃	0℃ to 40℃
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%
POWER	Power Type	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Supply	Built-In Power	Built-In Power	Built-In Power
	Power Consumption — Typ. / Max.	TBD / TBD	275 W / 305 W	240 W / 270 W
	Power Consumption — Smart Energy Saving	TBD	192.5 W	168 W
SOUND	Speaker	-	Built-in (10W×2)	Built-in (10W×2)
CERTIFICATION	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	N/A / N/A	N/A / N/A	N/A / Yes (Energy Star 7.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
SOFTWARE COMPATIBILITY [5]	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control/Control+	SuperSign Control/Control+	SuperSign Control/Control+
ACCESSORIES	Basic	Remote Controller (2ea Batteries Included), Power Cord, QSG, IR/Light Sensor Receiver, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender, EYE-BOLT	Remote Controller (2ea Batteries Included), Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender	Remote Controller (2ea Batteries Included), Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender
	Optional	Speaker (SP-2200)	Media Player, OPS Kit (KT-OPSA), Wall Mount (LSW640A/B)	Media Player, OPS Kit (KT-OPSA), Wall Mount (LSW640A/B)

1) Without logo and handle　2) Network-based control　3) The HDMI connection based　4) Compatibility may differ by equipment　5) Software compatibility may change over time. Please contact LG sales representative for details.