98UH5E / 86UH5E / 75UH5E

Vibrant Colors and Powerful Performance Bring Content to Life

UH5E Series

With superb picture quality and cutting-edge intelligence, the UH5E series invigorates colors without the aid of peripherals. Its quality and brightness are enough to capture the attention of anyone viewing this large Ultra HD digital signage.

LG | **Business Solutions**

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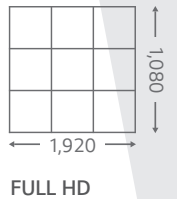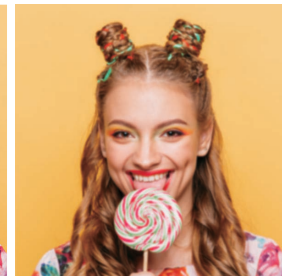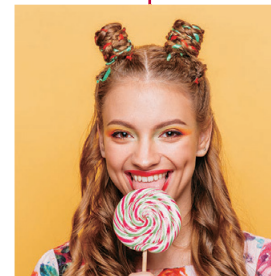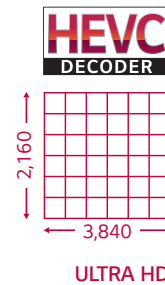## 98/86/75UH5E

Superior Picture Quality

True Color, Immersive View

The UH5E series is large enough to display a variety of content and draw the undivided attention of various viewers. LG IPS panel features a wide range of viewing angles to deliver clear content regardless where viewers are positioned. 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 magnified on the display, processing four times higher definition than FHD. The UH5E series 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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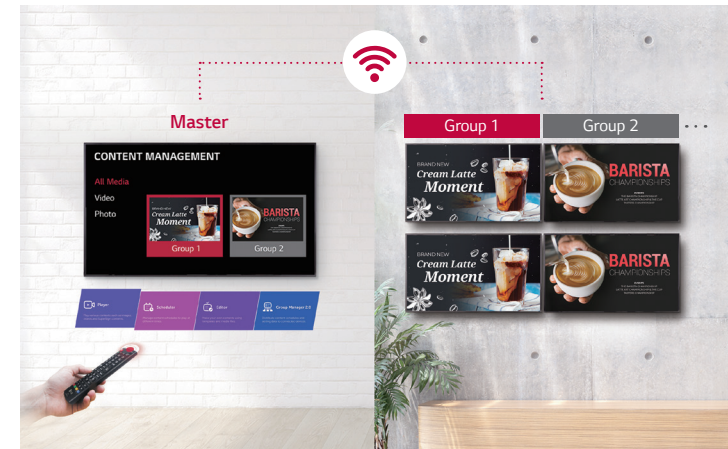### Powerful webOS Smart Signage Platform

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 on a custom schedule without the need for a separate PC. Thanks to the intuitive user interface, content management has been made much easier.

Simple Group Management

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

* One master display can create a maximum. of 25 groups, and each group can consist of a maximum. of 12 managed displays.

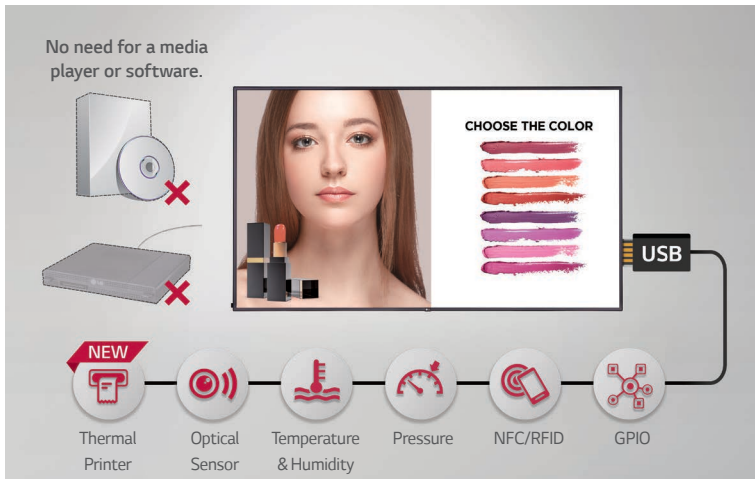# Vibrant Colors and Powerful Performance Bring Content to Life
98/86/75UH5E

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. There is 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
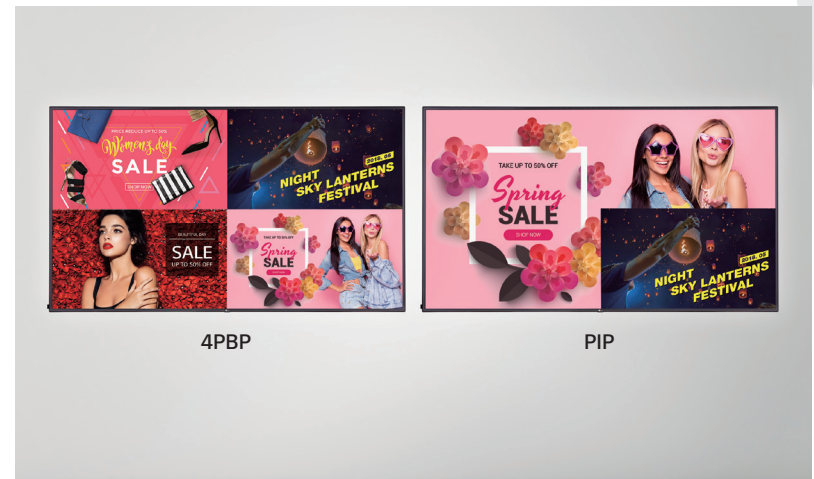
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98/86/75UH5E

Easy Maintenance

Real-Time Monitoring & Control

Control Manager is an embedded feature that allows web monitoring via a web browser. This feature gives the user the ability to control and monitor the status of multiple displays In different locations in real-time. Control Manager is available on internet-connected devices, allowing users to quickly and easily address emergency issues.
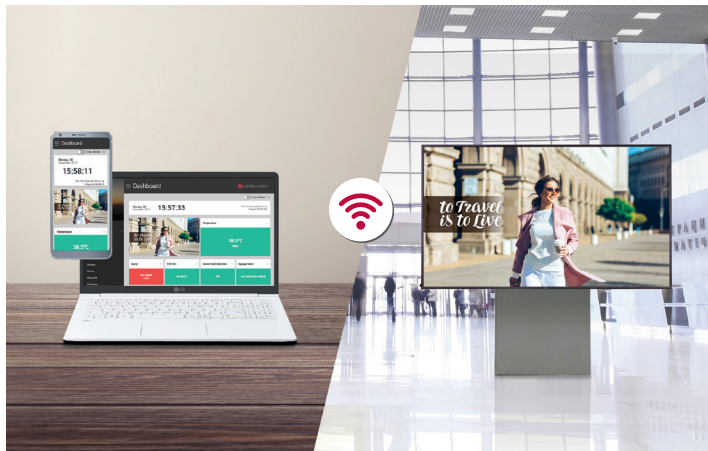
Remote Cloud Service

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, helping to maintain a stable business operation.

Repair

Signage 365 care

Status, Usage Data

Monitoring / Fault Detection

* The availability of "Signage 365 Care" service can differ by region, so please contact the LG sales representative in your region for further details.

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Wireless Solutions

Content Sharing

Content Mirroring among devices is accomplish simply via Wi-Fi network.

Real-time Promotion

With Beacon and BLE (Bluetooth Low Energy), store managers can provide coupons and information in real-time.

Wireless Access Point

The UH5E series operates as a virtual router which can be a 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*.

* 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* for a smarter video conference, eliminating a time wasted setting up the picture quality or changing the input on incoming calls.

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

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Space-efficient Design

Slim and Tidy in Appearance

Although UH5E series is a large-sized display, the product still has a slim depth, which takes up less space per installation. A sleek look is maintained while providing a large, immersive view.

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 to arrange the signage. Also, sounds can be played from built-in speakers*, giving advertisements greater impact.
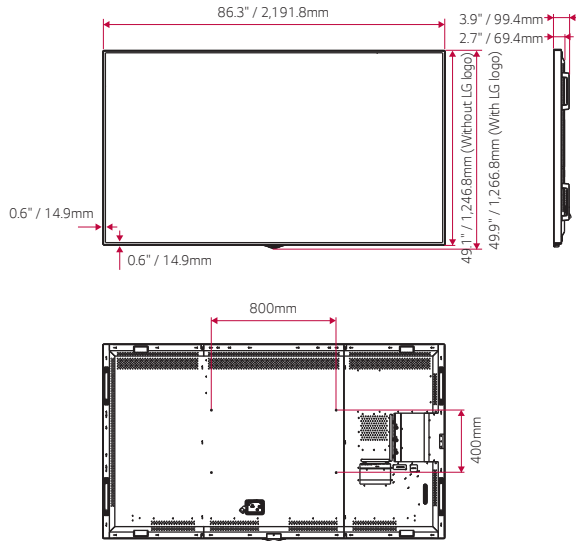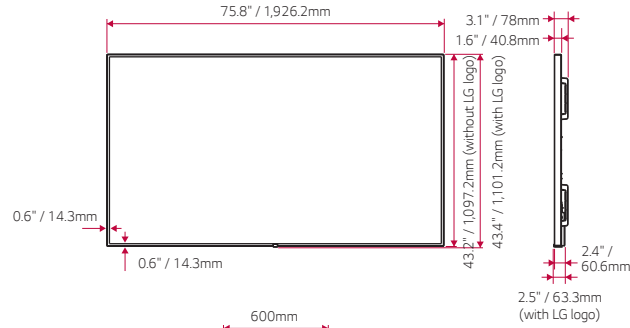

Detachable Logo   Built-in Speaker

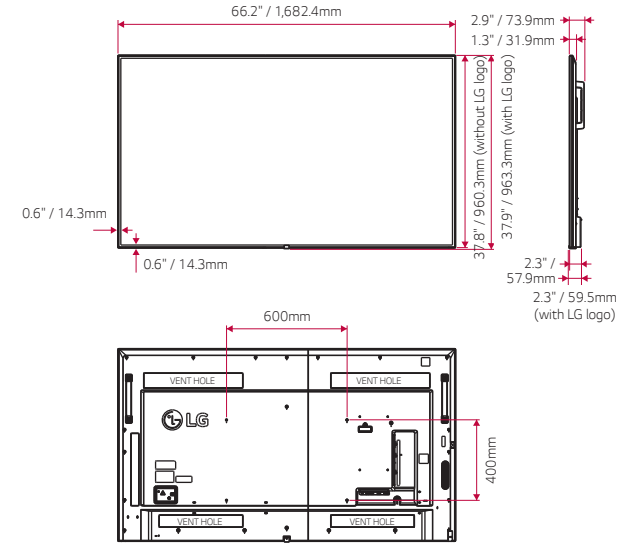* Built-in speakers on 75" and 86" models only.

Dimensions

98"

86.3" / 2,191.8mm
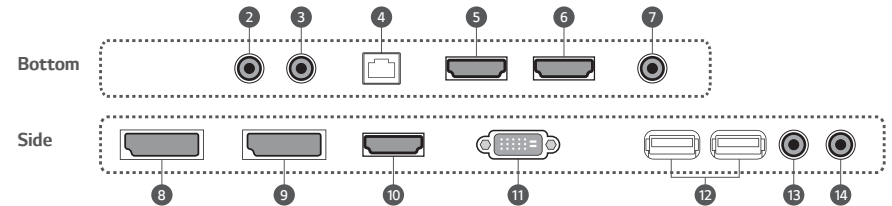3.9" / 99.4mm
2.7" / 69.4mm
49.1" / 1,246.8mm (Without LG logo)
49.9" / 1,266.8mm (With LG logo)
0.6" / 14.9mm
0.6" / 14.9mm
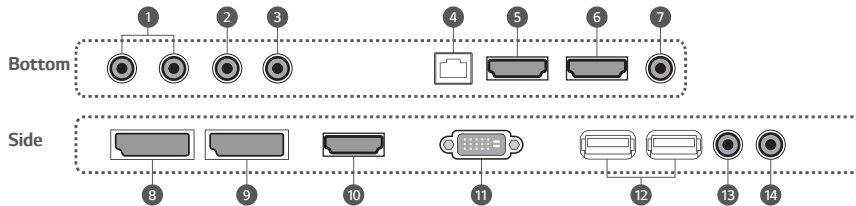
800mm
400mm

86"

75.8" / 1,926.2mm
3.1" / 78mm
1.6" / 40.8mm
43.2" / 1,097.2mm (without LG logo)
43.4" / 1,101.2mm (with LG logo)
0.6" / 14.3mm
0.6" / 14.3mm
2.4" / 60.6mm
2.5" / 63.3mm (with LG logo)

600mm
400mm
VENT HOLE

75"

66.2" / 1,682.4mm
2.9" / 73.9mm
1.3" / 31.9mm
37.8" / 960.3mm (without LG logo)
37.9" / 963.3mm (with LG logo)
0.6" / 14.3mm
0.6" / 14.3mm
2.3" / 57.9mm
2.3" / 59.5mm (with LG logo)

600mm
400mm
VENT HOLE

Connectivity

98"

Bottom
Side

86"/75"

Bottom
Side

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	

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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

Specifications

PANEL		98UH5E	86UH5E	75UH5E
	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 nits	500 nits	500 nits
	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 (98" Only)		
	External Control	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In		
MECHANICAL SPECIFICATION	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even) * Off-Bezel	14.3 mm (Even) * Off-Bezel	14.9 mm (Even) * Off-Bezel
	Monitor Dimension (W x H x D)	86..3" x 49.1" x 2.7" / 2,191.8 x 1,246.8 x 69.4 mm (without Handle)	75.8" x 43.2" x 2.4" / 1,926.2 x 1,097.2 x 60.6 mm (without Handle and Logo)	66.2" x 37.8" x 2.3" / 1,682.4 x 960.3 x 57.9 mm (without Handle and Logo)
	Weight (Head)	194 lbs / 88 kg	108 lbs / 49 kg	91.5 lbs / 41.5 kg
	Carton Dimensions (W x H x D)	92.2" x 54.6" x 15.8" / 2,342 x 1,386 x 402 mm	81.6" x 49.6" x 11.5" / 2,073 x 1,260 x 292 mm	71.5" x 44.2" x 9" / 1,816 x 1,123 x 228 mm
	Packed Weight	271.2 lbs / 123 kg	134.7 lbs / 61.1 kg	109.1 lbs / 49.5 kg
	Handle	Yes	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, 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), Setting Data Cloning, Firmware Update by Network, SNMP 1.4, ISM Mode, Crestron Connected[1], Cisco Compatibility[2], Beacon, HDMI-CEC[3], SI Server Setting, webRTC		
ENVIRONMENTAL 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
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Power Consumption — Typ. / Max.	420 W / 560 W	215 W / 280 W	180 W / 260 W
	Power Consumption — Smart Energy Saving	294 W	151 W	126 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
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	No	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
SOFTWARE COMPATIBILITY	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, Power Cord, QSG, IR/Light Sensor Receiver, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender, EYE-BOLT	Remote Controller, Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender	Remote Controller, 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)
OTHER	Warranty	3 Year Limited Warranty	3 Year Limited Warranty	3 Year Limited Warranty
	UPC	7 19192 62459 7	7 19192 62460 3	7 19192 62394 1

1) Network-based control 2) The HDMI connection based 3) Compatibility may differ by equipment 4) Software compatibility may change over time. SuperSign CMS and SuperSign Control+ are additional paid software options.