

# Vibrant Colors and Powerful Performance Bring Content to Life

## 65/55/49UH5E

With superb picture quality and cutting-edge processing power, the UH5E series delivers a value-added visual experience without the need for peripherals. It delivers vivid content with no reflections, even under bright lights, enhancing its ability to capture the attention of passersby. Moreover, the convenient yet advanced usability allows users to effortlessly control and manage the display.



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### Superior Picture Quality

#### True Color, Immersive View

The UHD resolution delivers more detailed and vivid content without distortion, with four times higher definition than FHD. The UH5E series ensures stable UHD video playback by supporting HEVC (High Efficiency Video Coding).



#### Clear View with Non-glare Coating

Viewers can easily become frustrated by unnecessary reflections when watching a screen under brightly lit conditions. The UH5E series has resolved this problem by increasing the haze value up to 28%, enhancing content visibility and text readability.



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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\*, boosting business management efficiency.



\* Network-based control

#### Compatibility with Video Conference System

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



\* Using an HDMI cable connection

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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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### 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.



\* 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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## 65/55/49UH5E

### Powerful webOS Smart Signage Platform

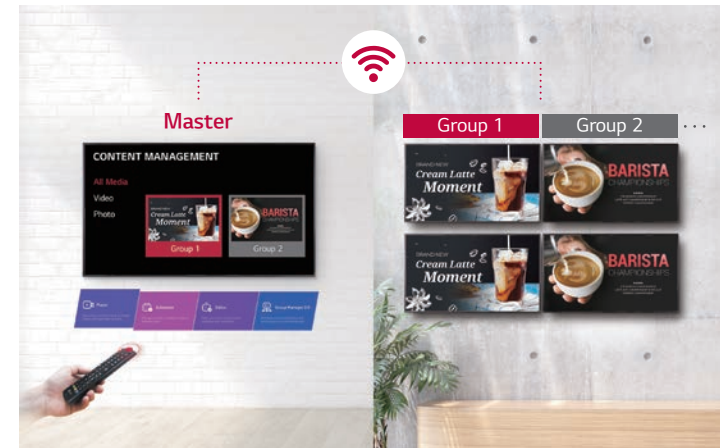
#### Easy Content Management

The embedded CMS (Content Management System) allows you to create and edit content using internal or 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\* 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.



\* One master display can create a max. of 25 groups, and each group can consist of a max. of 12 slave displays.

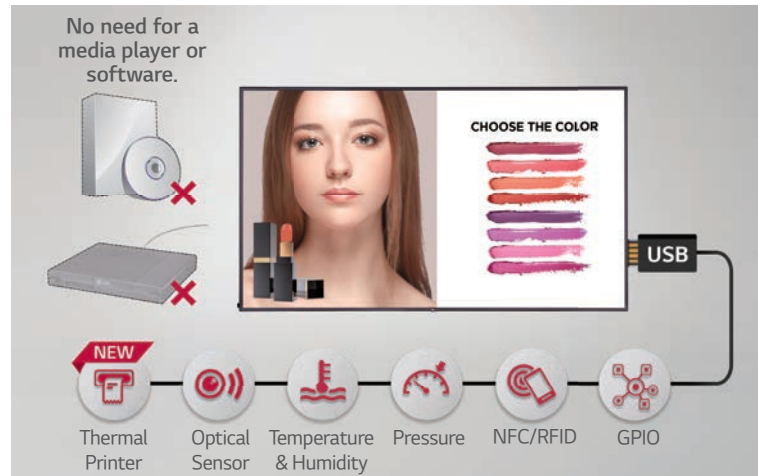
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## Powerful webOS Smart Signage Platform

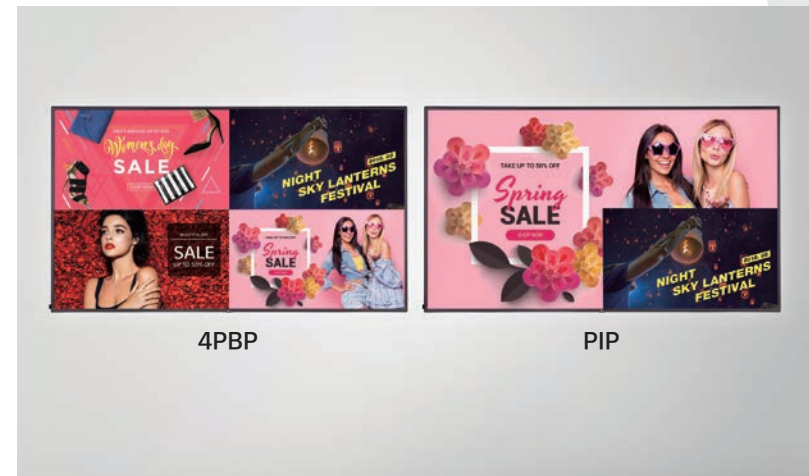
### Various Sensor Applications

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.

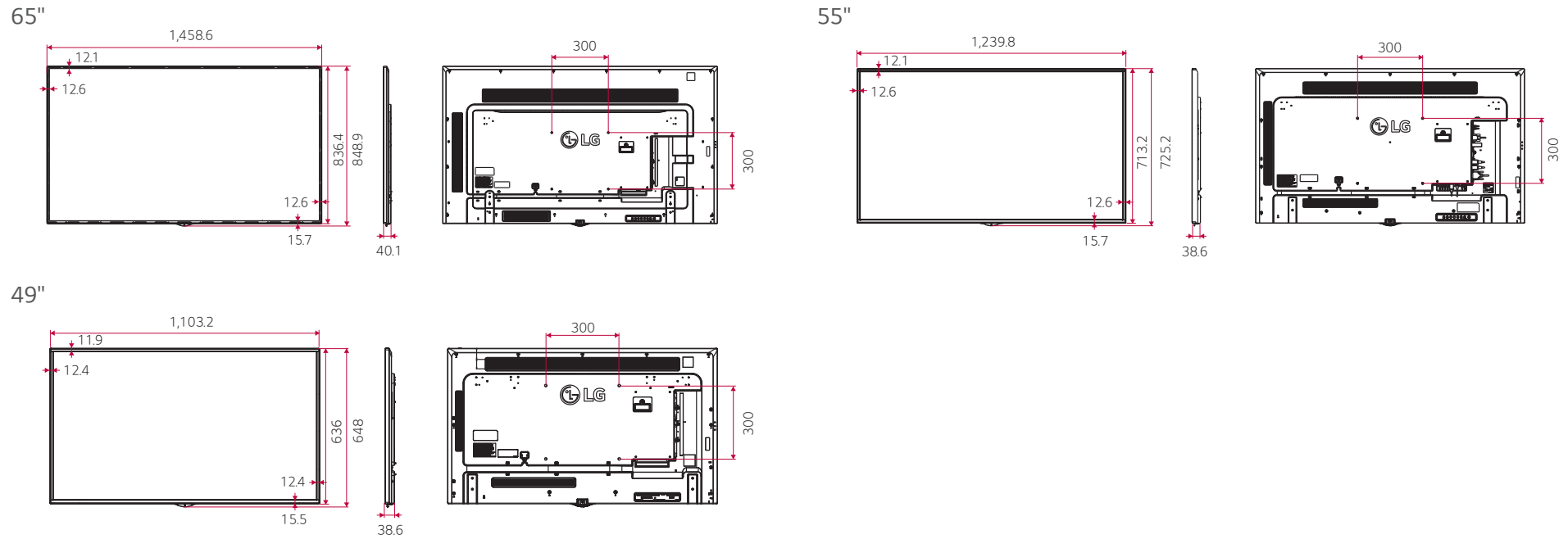


### Multi Screen Mode

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 source.

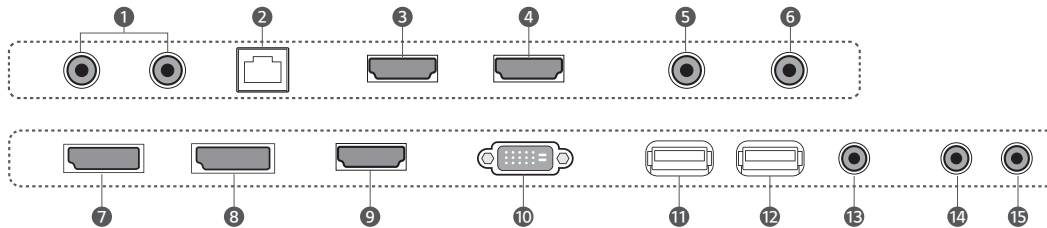


## Dimension (Unit: mm)



## Connectivity

65" / 55" / 49"



- |               |                     |              |
|---------------|---------------------|--------------|
| ① SPEAKER OUT | ⑥ IR & LIGHT SENSOR | ⑪ USB 1      |
| ② LAN         | ⑦ DP IN             | ⑫ USB 2      |
| ③ HDMI 1      | ⑧ DP OUT            | ⑬ AUDIO OUT  |
| ④ HDMI 2      | ⑨ HDMI 3            | ⑭ RS232C IN  |
| ⑤ AUDIO IN    | ⑩ DVI-D IN          | ⑮ RS232C OUT |



# Specifications

	65UH5E	55UH5E	49UH5E	
<b>PANEL</b>	Screen Size	65"	55"	49"
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)
	Brightness (Typ.)	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
	Contrast Ratio	1,100:1	1,100:1	1,100:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8ms (G to G)	8ms (G to G)	8ms (G to G)
	Surface Treatment (Haze)	Haze 28%	Haze 28%	Haze 28%
	Life Time (Typ.)	50,000 Hrs	50,000 Hrs	50,000 Hrs
Operation Hours	24 Hrs	24 Hrs	24 Hrs	
Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	
<b>CONNECTIVITY</b>	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 (LAN) In, IR In		
<b>MECHANICAL SPECIFICATION</b>	Bezel Color	Black	Black	Black
	Bezel Width	12.1 mm (T), 12.6 mm (R/L), 15.7 mm (B)	12.1 mm (T), 12.6 mm (R/L), 15.7 mm (B)	11.9 mm (T), 12.4 mm (R/L), 15.5 mm (B)
	Monitor Dimension (W x H x D)	1,458.6 x 848.9 x 40.1 mm	1,239.8 x 725.2 x 38.6 mm	1,103.2 x 648 x 38.6 mm
	Weight (Head)	26 kg	16.6 kg	13.3 kg
	Carton Dimensions (W x H x D)	1,561 x 971 x 190 mm	1,330 x 807 x 170 mm	1,197 x 760 x 166 mm
	Packed Weight	32.5 kg	21.1 kg	17.7 kg
	Handle	No	No	No
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm
<b>KEY FEATURE</b>	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, Video Tag (2), Play via URL, OSD Rotation, Content Rotation, PIP/PBP (4), Tile Mode Setting (Max 15 x 15), Setting Data Cloning, Firmware Update by Network, SNMP 1.4, ISM Mode, Crestron Connected <sup>(B1)</sup> , Control Manager, DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC <sup>(2)</sup> , SI Server Setting, Detachable Logo			
<b>ENVIRONMENTAL CONDITIONS</b>	Operation Temperature	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%
<b>POWER</b>	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 Typ. / Max.	140 W / 200 W	115 W / 165 W	105 W / 150 W
	Consumption Smart Energy Saving	85 W	70 W	60 W
<b>CERTIFICATION</b>	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 / Yes (Energy Star 7.0)	N/A / Yes (Energy Star 7.0)	N/A / Yes (Energy Star 7.0)
<b>MEDIA PLAYER COMPATIBILITY</b>	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
<b>SOFTWARE COMPATIBILITY</b>	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control/Control+	SuperSign Control/Control+	SuperSign Control/Control+
<b>ACCESSORIES</b>	Basic	Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender	Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender	Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender
	Optional	Speaker (SP-5200), Stand (ST-651T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA)	Speaker (SP-5200), Stand (ST-201T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA)	Speaker (SP-5200), Stand (ST-201T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA)

1) Network-based control 2) Compatibility may differ by equipment



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