# 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.



**LG** | Business Solutions

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## 65/55/49UH5E

## 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.



ULTRA HD
2,160
3,840

FULL HD
1,080
1,920

HEVC DECODER

SUMMER SALE

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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.
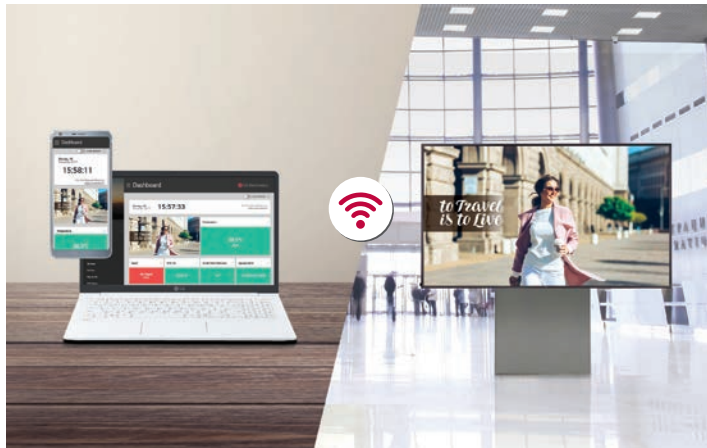
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## Easy Maintenance

### 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.



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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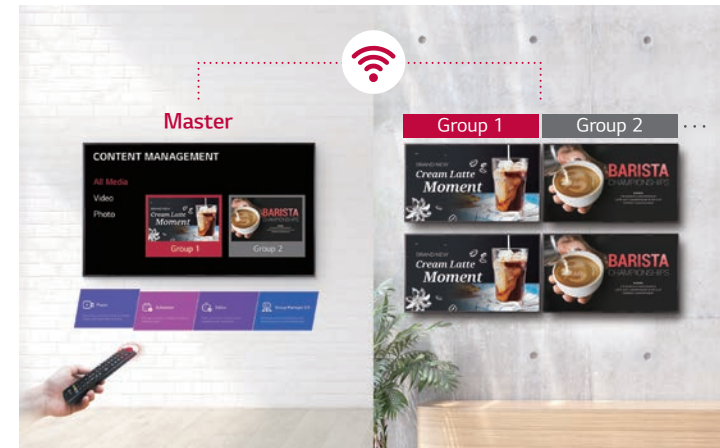
## Powerful webOS Smart Signage Platform

### Easy Content Management

The embedded CMS <sup>(Content Management System)</sup> 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.



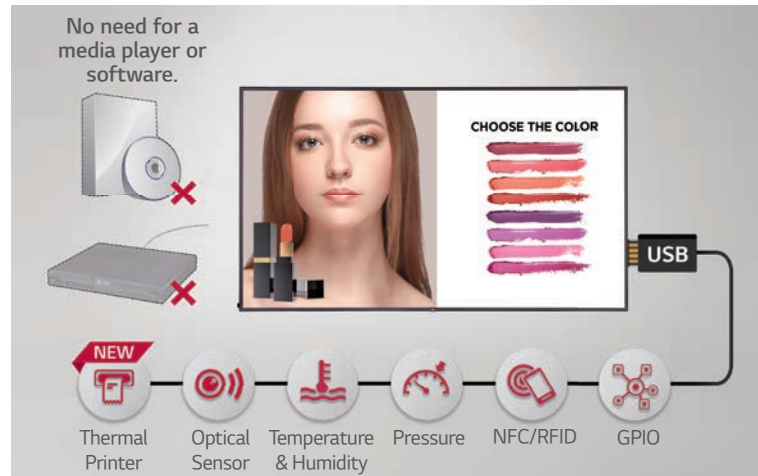* One master display can create a max. of 25 groups, and each group can consist of a max. of 12 slave displays.

# Vibrant Colors and Powerful Performance Bring Content to Life
## 65/55/49UH5E

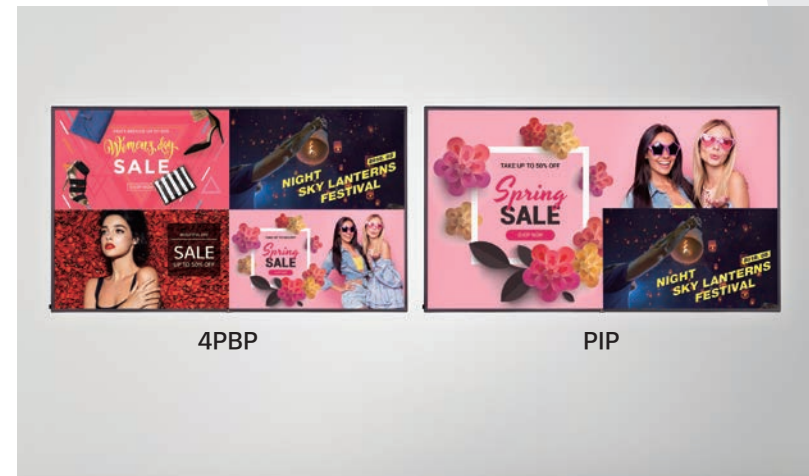## Powerful webOS Smart Signage Platform

### 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

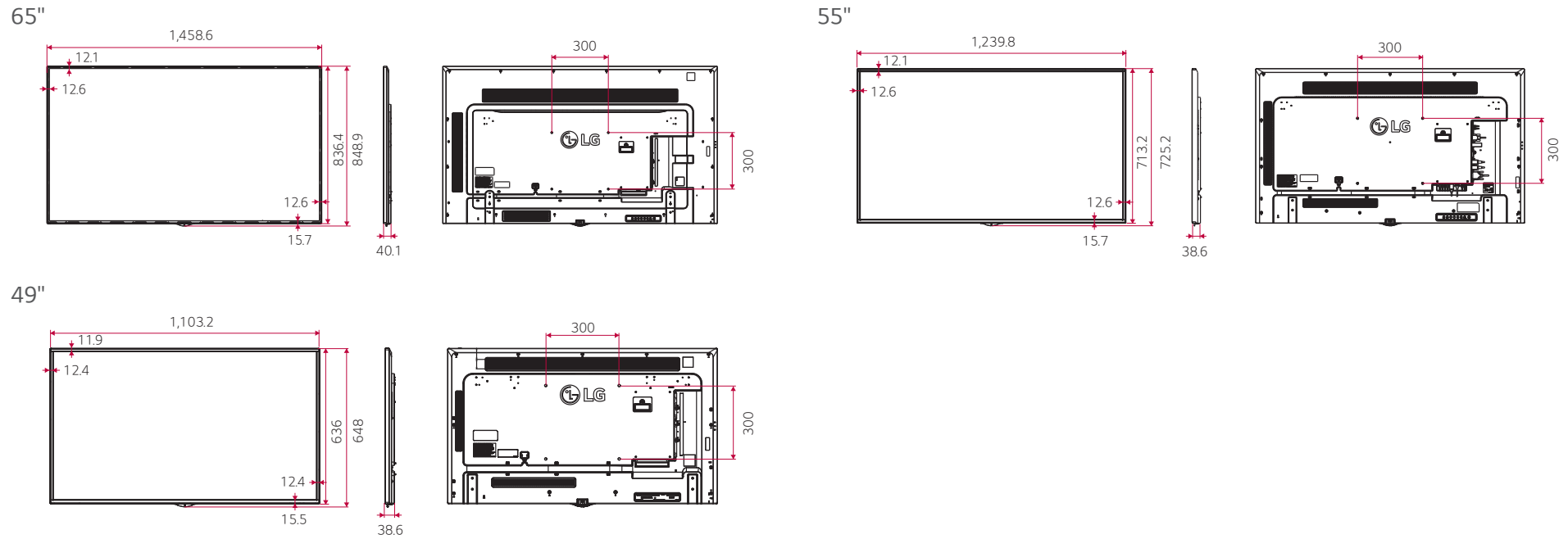Thermal Printer | Optical Sensor | Temperature & Humidity | Pressure | NFC/RFID | GPIO

### 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 source.
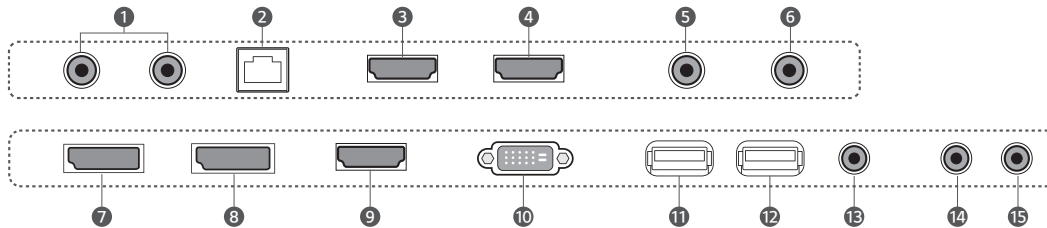


4PBP

PIP

# Dimension (Unit: mm)

## 65"



1,458.6
12.1
12.6
836.4
848.9
12.6
15.7
40.1
300
300

## 55"



1,239.8
12.1
12.6
713.2
725.2
12.6
15.7
38.6
300
300

## 49"



1,103.2
11.9
12.4
636
648
12.4
15.5
38.6
300
300

# Connectivity

## 65" / 55" / 49"



| ❶ SPEAKER OUT | ❻ IR & LIGHT SENSOR | ⓫ USB 1 |
|---|---|---|
| ❷ LAN | ❼ DP IN | ⓬ USB 2 |
| ❸ HDMI 1 | ❽ DP OUT | ⓭ AUDIO OUT |
| ❹ HDMI 2 | ❾ HDMI 3 | ⓮ RS232C IN |
| ❺ AUDIO IN | ❿ DVI-D IN | ⓯ RS232C OUT |

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

# Specifications

|  |  | 65UH5E | 55UH5E | 49UH5E |
|---|---|---|---|---|
| **PANEL** | 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/m² | 500 cd/m² | 500 cd/m² |
|  | 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 |
| **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 (LAN) In, IR In | | |
| **MECHANICAL SPECIFICATION** | 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 |
| **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, 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[®1], Control Manager, DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC[2], SI Server Setting, Detachable Logo | | |
| **ENVIRONMENTAL CONDITIONS** | 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% |
| **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. | 140 W / 200 W | 115 W / 165 W | 105 W / 150 W |
|  | Power Consumption — Smart Energy Saving | 85 W | 70 W | 60 W |
| **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 / Yes (Energy Star 7.0) | N/A / Yes (Energy Star 7.0) | 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** | 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, 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