Vibrant Colors and Powerful Performance Bring Content to Life

UH5E Series (65" / 55" / 49")

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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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.

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.

* Network-based control

* 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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UH5E Series (65" / 55" / 49")

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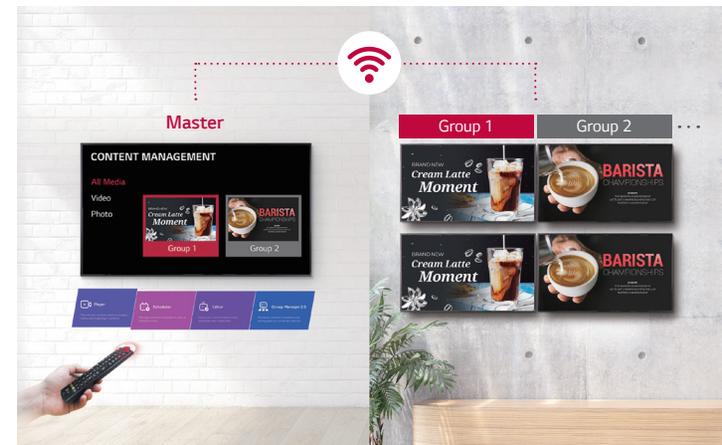
* One master display can create a max. of 25 groups, and each group can consist of a max. of 12 slave displays.

Vibrant Colors and Powerful Performance Bring Content to Life
## UH5E Series (65" / 55" / 49")

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 more affordable because there is no need to purchase additional software or media players for creating value-added solutions.
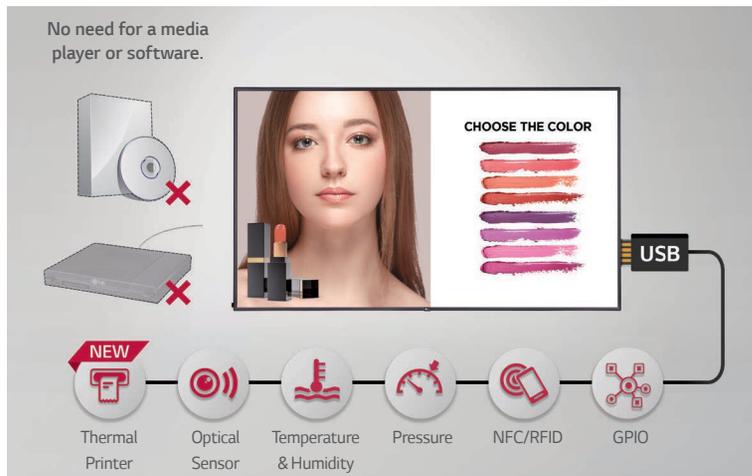
Multi Screen Mode

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.
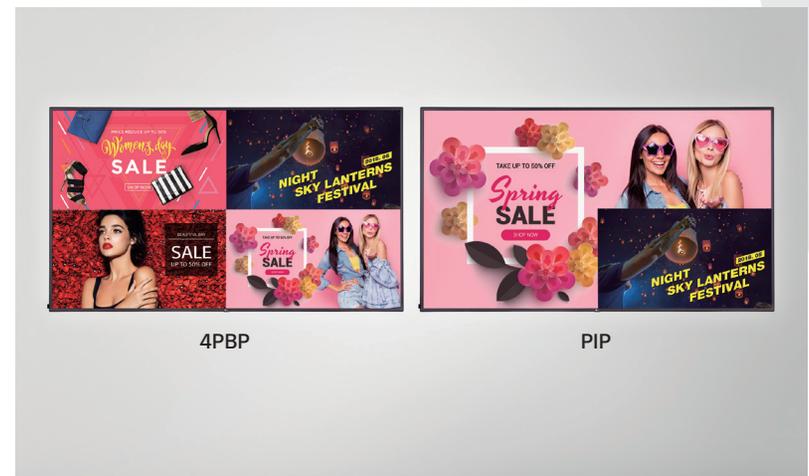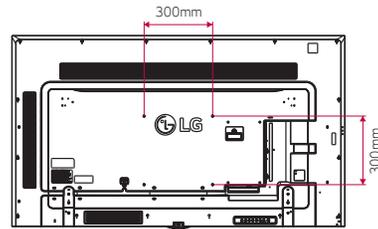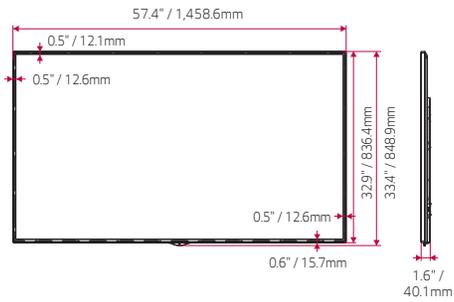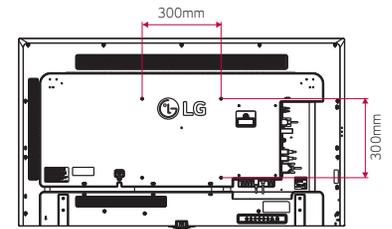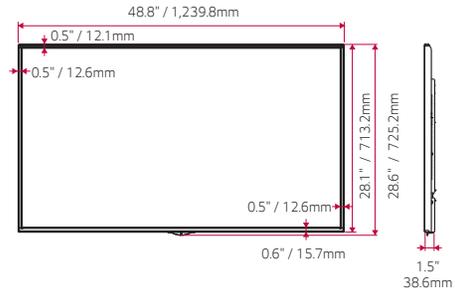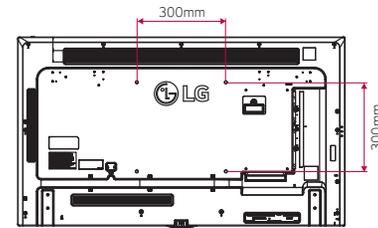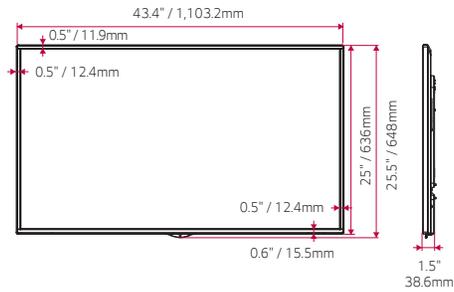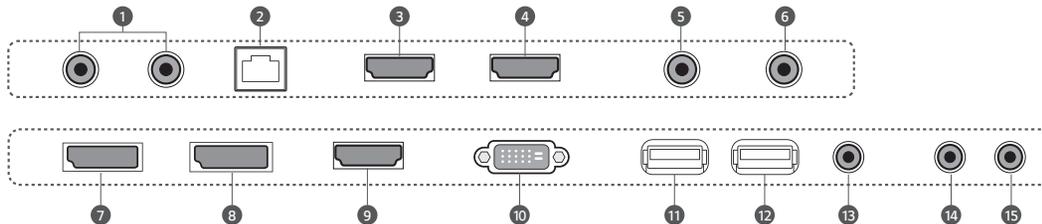

No need for a media player or software.

CHOOSE THE COLOR

USB

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

4PBP

PIP

Dimensions

65"

57.4" / 1,458.6mm
0.5" / 12.1mm
0.5" / 12.6mm
32.9" / 836.4mm
33.4" / 848.9mm
0.5" / 12.6mm
0.6" / 15.7mm
1.6" / 40.1mm
300mm
300mm

55"

48.8" / 1,239.8mm
0.5" / 12.1mm
0.5" / 12.6mm
28.1" / 713.2mm
28.6" / 725.2mm
0.5" / 12.6mm
0.6" / 15.7mm
1.5" 38.6mm
300mm
300mm

49"

43.4" / 1,103.2mm
0.5" / 11.9mm
0.5" / 12.4mm
25" / 636mm
25.5" / 648mm
0.5" / 12.4mm
0.6" / 15.5mm
1.5" 38.6mm
300mm
300mm

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
		Back Light Type	Edge	Edge	Edge
		Aspect Ratio	16:9	16:9	16:9
		Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
		Refresh Rate	60Hz	60Hz	60Hz
		Brightness (Typical)	500 nits	500 nits	500 nits
		Contrast Ratio	1,100:1	1,100:1	1,100:1
		Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1
		Color gamut	68%	68%	68%
		Viewing Angle(H x V)	178° x 178°	178° x 178°	178° x 178°
		Color Depth	1.07 Billion	1.07 Billion	1.07 Billion
		Response Time (G to G)	8 ms	8 ms	8 ms
		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	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
		Overlay Touch Compatibility	No	No	No
Input	Digital	HDMI	Yes (3), HDCP2.2	Yes (3), HDCP2.2	Yes (3), HDCP2.2
		DP	Yes (1), HDCP2.2	Yes (1), HDCP2.2	Yes (1), HDCP2.2
		DVI-D	Yes	Yes	Yes
	Analog	RGB	No	No	No
		Audio In	Yes	Yes	Yes
	External Control	RS232C IN	Yes	Yes	Yes
		RJ45(LAN)	Yesbv	Yes	Yes
		IR IN	Yes	Yes	Yes
		USB	Yes (2), USB2.0	Yes (2), USB2.0	Yes (2), USB2.0
Output		HDMI Out	No	No	No
		DP Out	Yes	Yes	Yes
		Audio Out	Yes (1, Off/Fixed/Variable)	Yes (1, Off/Fixed/Variable)	Yes (1, Off/Fixed/Variable)
		Externel Speaker Out	Yes	Yes	Yes
	External Control	RS232C OUT	Yes (3.5mm)	Yes (3.5mm)	Yes (3.5mm)
		RJ45(LAN)	No	No	No
MECHANICAL SPECIFICATION		Bezel Color	Black	Black	Black
		Bezel Width	12.1mm(T), 12.6mm(R/L), 15.7mm(B)	12.1mm(T), 12.6mm(R/L), 15.7mm(B)	11.9mm(T), 12.4mm(R/L), 15.5mm(B)
		Monitor Dimensions (W x H x D)	57.4" x 33.4" x 1.6" / 1458.6mm x 848.9mm x 40.1mm	48.8" x 28.6" x 1.5" / 1239.8mm x 725.2mm x 38.6mm	43.4" x 25.5" x 1.4" / 1103.2mm x 648.0mm x 38.6mm
		Weight	57.3 lbs / 26.0Kg	36.6 lbs / 16.6Kg	29.3 lbs / 13.3Kg
		Weight(Head+Stand)	60.4 lbs / 27.4Kg	39.9" / 18.1Kg	32.6 lbs / 14.8Kg
		Monitor with Optional Stand & Speaker Dimensions (W x H x D)	57.4" x 36.1" x 12.4" / 1458.6mm x 915.8mm x 313.9mm	48.8" x 31.1" x 11.7" / 1239.8mm x 788.8mm x 298.3mm	43.4" x 28.1" x 11.7" / 1103.2mm x 714.1mm x 298.3mm
		Weight (Head+Stand+Speaker)	61.9 lbs / 28.1 kg	41.4 lbs / 18.8 kg	34.2 lbs / 15.5 kg
		Carton Dimensions (W x H x D)	1561mm x 971mm x 190mm	1330mm x 807mm x 170mm	1197mm x 760mm x 166mm
		Packed Weight	71.7 lbs / 32.5 kg	46.5 lbs / 21.1 kg	39 lbs / 17.7 kg
		Handle	No	No	No
		VESATM Standard Mount Interface	300 x 300	300 x 300	300 x 300
HARDWARE		Internal Memory	8GB (System 4GB + Available 3.6GB)	8GB (System 4GB + Available 3.6GB)	8GB (System 4GB + Available 3.6GB)
		Wi-Fi (Built-in)	Yes	Yes	Yes
	Sensor	Temperature Sensor	Yes	Yes	Yes
		Auto Brightness Sensor	Yes	Yes	Yes
		Current Sensor	Yes	Yes	Yes
		Local Key Operation	Yes	Yes	Yes

			65UH5E	55UH5E	49UH5E
SOFTWARE		webOS ver.	webOS 4.0	webOS 4.0	webOS 4.0
	Embedded CMS	USB Auto Playback	Yes	Yes	Yes
		Local Contents Scheduling	Yes	Yes	Yes
		Group Manager	Yes	Yes	Yes
		Fail over	Yes	Yes	Yes
	Image Customization	Booting Logo	Yes	Yes	Yes
		No Signal	Yes	Yes	Yes
	Content Sync.	RS-232C	Yes	Yes	Yes
		Local Network	Yes	Yes	Yes
	Multi-screen	PIP	Yes	Yes	Yes
		PBP	Yes (4)	Yes (4)	Yes (4)
		Screen Share	Yes	Yes	Yes
		Video Tag	Yes (2)	Yes (2)	Yes (2)
		Play via URL	Yes	Yes	Yes
		OSD Rotation	Yes	Yes	Yes
		Lock mode	Yes	Yes	Yes
		Content Rotation	Yes	Yes	Yes
		Gapless Playback	Yes	Yes	Yes
		Tile Mode Setting	Yes (Max. 15x15)	Yes (Max. 15x15)	Yes (Max. 15x15)
		Setting Data Cloning	Yes (RS-232C, Network, USB)	Yes (RS-232C, Network, USB)	Yes (RS-232C, Network, USB)
		Firmware Update by Network	Yes	Yes	Yes
		SNMP	Yes (Ver. 1.4)	Yes (Ver. 1.4)	Yes (Ver. 1.4)
		ISM Mode (Image Sticking Minimization)	Yes	Yes	Yes
		Auto Set ID	Yes	Yes	Yes
		Status Mailing	Yes	Yes	Yes
		Control Manager	Yes	Yes	Yes
		Crestron Connected	Yes	Yes	Yes
	Power Mgmt.	DPM	Yes	Yes	Yes
		On/Off Schedule	Yes	Yes	Yes
		Holiday Schedule	Yes	Yes	Yes
		Power on Status	Standby, PWR, LST	Standby, PWR, LST	Standby, PWR, LST
		Energy Saving	Yes	Yes	Yes
		Smart Energy Saving	Yes	Yes	Yes
		PM mode	Yes	Yes	Yes
		Wake on LAN	Yes	Yes	Yes
		Power on Delay	Yes	Yes	Yes
		Daylight Saving Time	Yes	Yes	Yes
		Beacon	Yes	Yes	Yes
		HDMI-CEC	Yes	Yes	Yes
		SI Server Setting	Yes	Yes	Yes
		webRTC	Yes	Yes	Yes
ENVIRONMENT 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 Switch	No	No	No
SOUND		Speaker	No	No	No
CERTIFICATION		Safety	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	Yes	Yes	Yes
		External Media player Attachable	Yes	Yes	Yes
SOFTWARE COMPATIBILITY		SuperSign CMS	Yes	O(CMS)	O(CMS)
		SuperSign Control / Control+	Yes	O(CMS)	O(CMS)
		SuperSign White Balance	Yes (Sensor Only)	Yes (Sensor Only)	Yes (Sensor Only)
		Signage 365 Care	Yes	Yes	Yes
LANGUAGE		Languages	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek		
ACCESSORIES & OTHER		Accessories	Remote Controller(include battery 2ea), Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender		
		Warranty	3 Year Limited	3 Year Limited	3 Year Limited
		UPC	7 19192 63070 3	7 19192 63069 7	7 19192 63068 0

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