

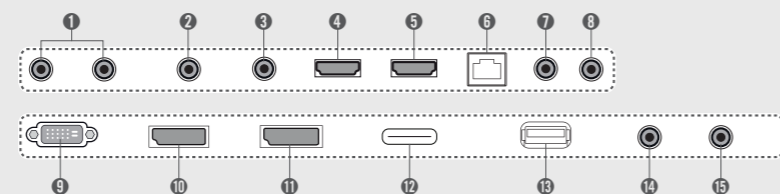
## Specifications

UH5C Series		65UH5C	55UH5C	49UH5C
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)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
	Contrast Ratio	1,000:1	1,100:1	1,100:1
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1
	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	Low Haze 1%	Low Haze 1%	Low Haze 1%
	Life Time (Min.)	50,000 hours (Typ.)	50,000 hours (Typ.)	50,000 hours (Typ.)
	Operation Hours	24 hours	24 hours	24 hours
	Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
	CONNECTIVITY	Input	HDMI, DP, DVI-D, Audio, USB 3.0, SD Card	
Output		DP, Audio, External Speaker Out		
External Control		RS232C, RJ45, IR Receiver, Pixel Sensor		
PHYSICAL 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 648.0 x 38.6 mm
	Weight (Head)	26.0 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
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm
SPECIAL FEATURES	Temperature Sensor, Auto Brightness Sensor, Tile Mode (up to 15x15), Natural Mode@Tile Mode, ISM Method, Internal Memory (8GB, System 4GB), Wi-Fi built-in (802.11n), USB Cloning, Content Scheduling, Sync mode, PM mode, Fail Over, Wake on LAN, BEACON (On/Off), Embedded Template, PIP/PBP			
ENVIRONMENT CONDITIONS	Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Power Typ.	134 W	116 W	102 W
	Consumption Smart Energy Saving	90 W	80 W	70 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA / EPA7.0	NA / EPA7.0	NA / EPA7.0
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes (MP500 / MP700)	Yes (MP500 / MP700)	Yes (MP500 / MP700)
SOFTWARE COMPATIBILITY	SuperSign W/Lite	Yes	Yes	Yes
	SuperSign C	Yes	Yes	Yes
ACCESSORIES	Basic	Remote Controller (2ea batteries included), Power cord, QSG, HDMI cable, Regulation book, Phone to RS232C gender, Memory cover	Remote Controller (2ea batteries included), Power cord, QSG, HDMI cable, Regulation book, Phone to RS232C gender, Memory cover	Remote Controller (2ea batteries included), Power cord, QSG, HDMI cable, Regulation book, Phone to RS232C gender, Memory cover
	Optional	Speaker (SP-5200), Stand (ST-651T), Pixel sensor (KT-SPO), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5200), Stand (ST-201T), Pixel sensor (KT-SPO), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5200), Stand (ST-201T), Pixel sensor (KT-SPO), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)

## Connectivity

65UH5C / 55UH5C / 49UH5C

- 1 SPEAKER OUT
- 2 IR & LIGHT SENSOR
- 3 PIXEL SENSOR
- 4 HDMI 1
- 5 HDMI 2
- 6 LAN
- 7 AUDIO IN
- 8 AUDIO OUT
- 9 DVI-D IN
- 10 DP IN
- 11 DP OUT
- 12 SD Card
- 13 USB 3.0
- 14 RS-232C IN
- 15 RS-232C OUT



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## Immersive Screen with Smart Platform

### Ultra HD UH5C Series 65", 55", 49"



The new Ultra HD display, UH5C Series supports displaying Ultra HD content as well as a divided content layout to show up to 2 split images on one screen. Its benefit enables you to create various formats of content to deliver commercial message effectively.

## Key Features

### Ultra HD



### Ultra HD Resolution (3,840 x 2,160)

Ultra HD Large screen delivers immersive viewing experience by 4 times higher definition picture quality than FHD.



### High Efficiency Video Coding

Supports HEVC-based content which has the double data compression ratio than the H.264, so network traffic can be reduced by half.



H.264

UH5C

### Built-in Wi-Fi

#### Mirroring

Content sharing is more convenient on a Wi-Fi network.



#### Soft AP

The UH5C with Soft AP software can operate as a wireless access point for mobile devices.



### Cost Effectiveness

#### Low Power Consumption Using The M+ Panel

The M+ panel offers excellent energy efficiency and cost savings and decreases power consumption by approx. 31% compared to conventional RGB panels\*.



\* With same luminance



# Immersive Screen with Smart Platform

## Ultra HD UH5C Series 65", 55", 49"



**Screen Sizes**  
65", 55", 49"

### UH5C Series

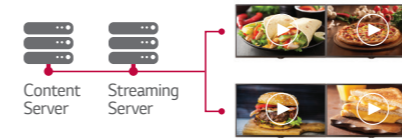
- Brightness : 500 cd/m<sup>2</sup>
- Bezel : 11.9 mm (T), 12.4 mm (L/R), 15.5 mm (B) (49")
- Depth : 38.6 mm
- Interface : HDMI / DVI / DP / RGB / RJ45 / IR / RS232C / SD Card / USB



### Support Network Protocol

#### IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS\*.



\* RTSP (Real-Time Streaming Protocol),  
RTP (Real-time Transport Protocol),  
MMS (Microsoft Media Server), HLS (http live streaming)

#### Secure Communication Protocol

By supporting HTTPS\* protocol, communication between server and signage is more secure.



\* HTTPS : Hypertext Transfer Protocol over Secure Socket Layer

#### Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)



### Other Features

#### Smart Platform



#### Quad Core SoC\*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback.



\*SoC : System-on-Chip

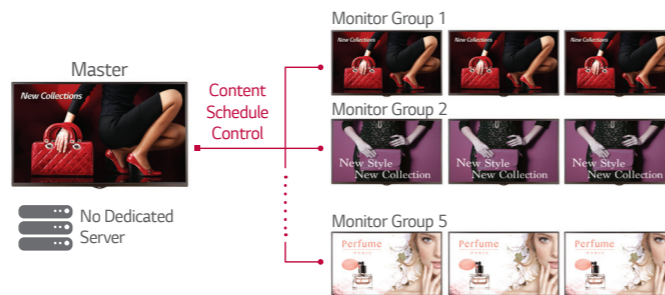
#### webOS 3.0

The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.



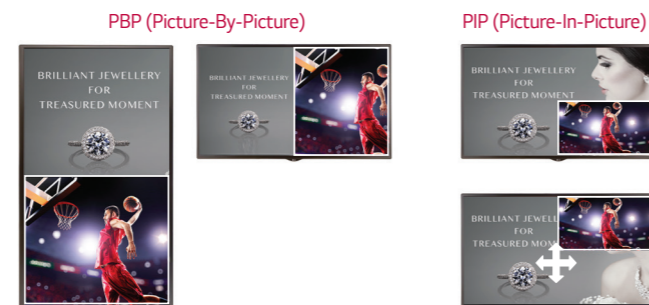
#### Group Manager

Content can be created, distributed and controlled by a signage without a dedicated PC or server.



#### PBP (Picture-By-Picture) / PIP (Picture-In-Picture)

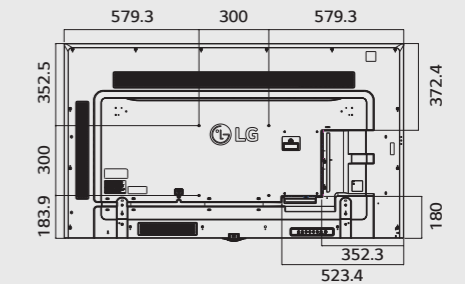
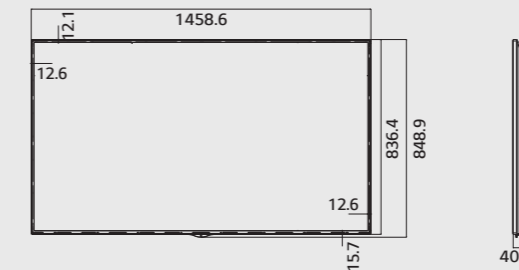
PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.



### Dimensions (unit : mm)

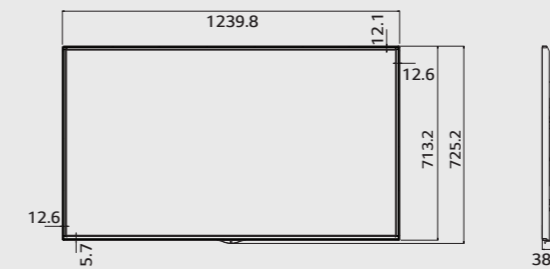
65"

1458.6 x 848.9 x 40.1 /  
26.0 Kg



55"

1239.8 x 725.2 x 38.6 /  
16.6 kg



49"

1103.2 x 648 x 38.6 /  
13.3 kg

