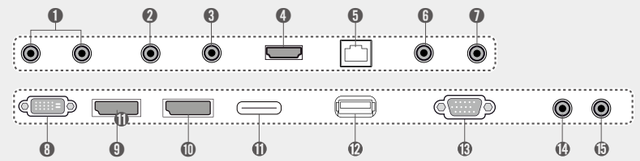
Specifications

UH5B Series		65UH5B	55UH5B	49UH5B
PANEL	Screen Size	65" (165cm)	55" (140cm)	49" (124cm)
	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	500cd/m²	500cd/m²	500cd/m²
	Contrast Ratio	1,000:1	1,100:1	1,100:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Surface Treatment	Low Haze 1%	Low Haze 1%	Low Haze 1%
	Life time (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)
	Guaranteed Operating Hour	24 Hours / Day	24 Hours / Day	24 Hours / Day
	Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input	HDMI, DP, DVI-D, Audio, USB 3.0, SD Card		
	Output	DP, Audio, External Speaker (L/R)		
	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor		
PHYSICAL SPECIFICATION	Bezel Colour	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)	1459mm x 849mm x 40mm	1240mm x 725mm x 39mm	1103mm x 648mm x 39mm
	Weight (Head)	26.0Kg	16.6kg	13.3kg
	Weight (Head + Stand)	27.4Kg	18.1kg	14.8kg
	Dimension with Optional Stand (W x H xD)	1458.6mm x 915.8mm x 313.9mm	1239.8 x 788.8 x 298.3mm	1103.2 x 714.1 x 298.3mm
	Weight (Head + Stand + Speaker)	28.1Kg	18.8kg	15.5kg
	Carton Dimensions (W x H x D)	1561mm x 971mm x 190mm	1330 x 807 x 170mm	1197 x 760 x 166mm
	VESA™ Standard Mount Interface	300 x 300	300 x 300	300 x 300
SPECIAL FEATURES		Temperature Sensor, Auto Brightness Sensor, Tile Mode (up to 15x15), Natural Mode@Tile Mode, ISM Method, Internal Memory, built-in Wi-Fi, USB Cloning, Contents Scheduling, Sync mode, PM mode, Fail Over, BEACON (On/Off)		
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	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
POWER CONSUMPTION	Typ.	130W	116W	100W
	Smart Enegy Saving	90W	80W	70W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC		
	EMC	FCC Class "A" / CE / KCC / C-tick		
	ErP	Yes		
MEDIA PLAYER COMPATIBILITY	OPS type compatible	Yes		
	External Media player Attachable	Yes (MP500 FHD, MP700 UHD)		
SOFTWARE COMPATIBILITY	SuperSign-W / Lite	Yes		
	SuperSign-C	Yes		
ACCESSORIES	Basic	Remote Controller (includes 2 batteries), Power Cord, QSG, RGB Cable, Regulation Book, Phono to RS232C Gender, Memory cover		
	Optional	Speaker (SP-5200), Stand (ST-651T), Pixel sensor (KT-SP0), 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-SP0), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	

Connectivity

65UH5B / 55UH5B / 49UH5B

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



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LG Life's Good

Ultra HD and SoC built-in Smart Platform

LG Digital Signage UH5B Series

Features

- 3840 x 2160 (Ultra HD)
- High Efficiency Video Coding
- Quad Core SoC
- webOS for Signage Platform
- SNMP Support
- BEACON Support
- OPS Compatibility

Key Features

Ultra HD

ULTRA HD

Ultra High Definition 3,840 X 2,160 (Ultra HD)

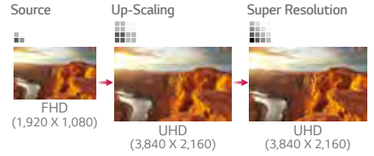
ULTRA HD Definition presents a whole new level of picture quality, boasting a picture definition of four times higher than that of Full HD.

High Efficiency Video Coding

The UH5B supports HEVC, which offers twice the compression efficiency of the H.264/AVC standard, so the file size is reduced by half.

Up-Scaling and Super Resolution

Up-scaling and Super Resolution technology enhance the quality of FHD content to near-UHD quality.



Smart Platform

Quad Core SoC*

Built into this signage display is a Quad Core Processor. This is the engine behind the webOS display platform that allows fast loading of apps and menu's, as well as multi-tasking between the apps. The result, quick access to content and smooth playback.

*SoC : System-on-Chip

webOS 2.0

With webOS 2.0 you can build apps and construct your own customised signage solutions using the LG Software Development Kit (SDK) and display logos during screen idle time (i.e. boot up, lost signal, etc).

*Software Development Kit

LG Life's Good

Ultra HD and SoC built-in Smart Platform

LG Digital Signage UH5B Series

Screen Sizes

65"/55"/49"

UH5B Series

- Brightness : 500cd/m²
- Bezel : 65" : 12.1mm(T), 12.6mm(R/L), 15.7mm(B)
  55" : 12.1mm(T), 12.6mm(R/L), 15.7mm(B)
  49" : 11.9mm(T), 12.4mm(R/L), 15.5mm(B)
- Depth : 65" : 40.1mm
  55"/49" : 38.6mm
- Interface : HDMI / DVI / RGB / DP / RJ45 / IR / USB / SD Card / Pixel Sensor / RS232C / Daisy-Chain (DP1.2/RS232C)

IPS ULTRA HD HEVC DECODER 24hr/7days SUPERSIGN webOS 2.0

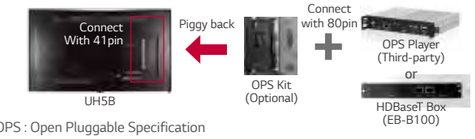
Great Convenience

BEACON

The UH5B signage display supports BEACON and Bluetooth Low Energy (BLE) allowing retail stores to provide coupons and information in real time.

OPS / HDBaseT Box Compatibility

The UH5B supports Open Pluggable Specification (OPS) and HDBaseT box, simplifying OPS certified device installation, usage, maintenance and upgrades.



*OPS : Open Pluggable Specification Sold separately.

Other Features

Docking-Type Media Player MP700 Compatible*

Combining the Signage Display with a docking-type player looks slimmer and is more convenient on account of less cabling.

*Sold separately

Space Management

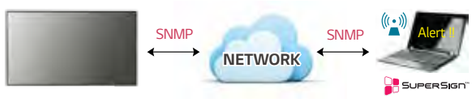
Slim Depth

The slim depth UH5B signage look slim and saves space when installed.

Enhanced Maintenance

Real-Time Remote Monitoring

Real Time Display Remote Management through SuperSign C or Simple Network Management Protocols (SNMP) is available in addition to RS-232C and other network protocol.



Dust & Humidity Protection

The UH5B Series has been designed with the LG Conformal Coating to provide additional protection to circuit boards in harsh environments such as dust and humidity.

Built-in Wi-Fi

Built-in

Mirroring

This signage display has built-in Wi-Fi and the ability to mirror your Miracast enabled smartphone's screen, so you can share content on a Wi-Fi network.

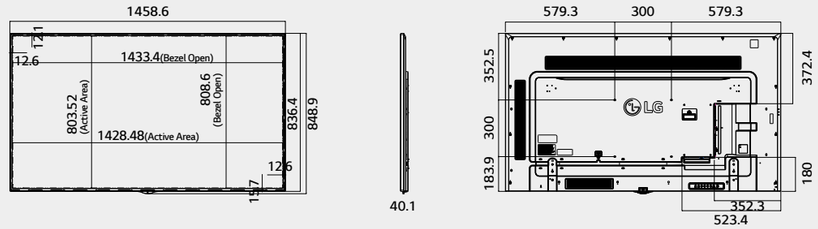
SoftAP

With SoftAp, the UH5B signage display can operate as a wireless access point for SoftAp enabled mobile devices.

Dimension (unit : mm)

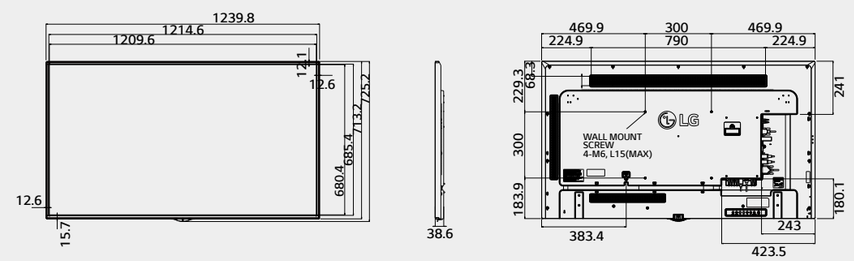
65"

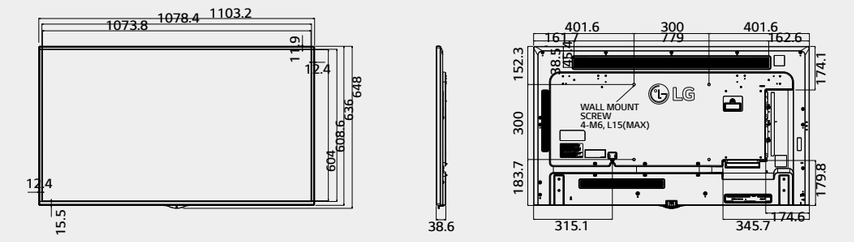
1458.6 x 848.9 x 40.1 / 26.0Kg



55"

1239.8 x 725.2 x 38.6 / 16.6 kg



49"

1103.2 x 648 x 38.6 / 13.3 kg