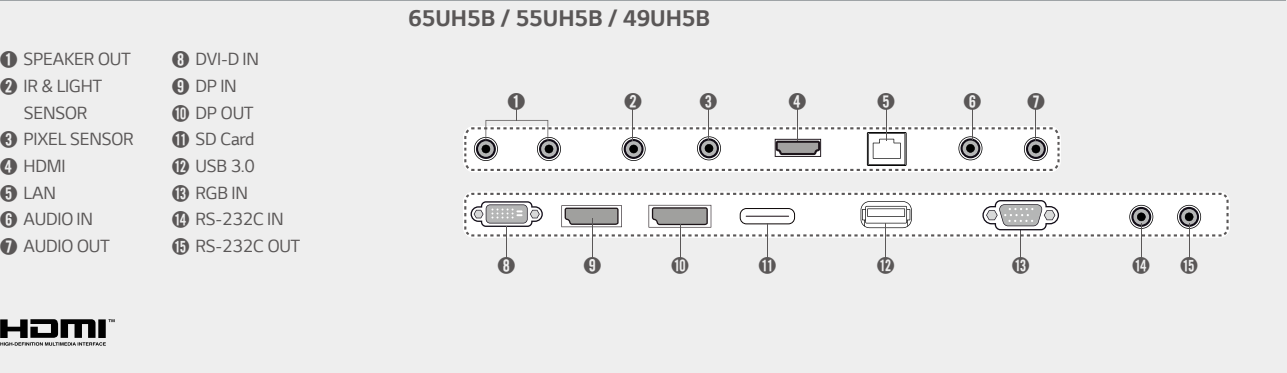


Specifications

UH5B Series		65UH5B	55UH5B	49UH5B
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	500cd/m²	500cd/m²	500cd/m²
	Contrast Ratio	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
	Surface Treatment	Low Haze 1%	Low Haze 1%	Low Haze 1%
	Guaranteed Operating Hour	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 (L/R)		
	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor		
PHYSICAL SPECIFICATION	Bezel Color		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)	1458.6mm x 848.9mm x 40.1mm	1239.8 x 725.2 x 38.6mm	1103.2 x 648 x 38.6mm
	Weight (Head)	26.0Kg	16.6kg	13.3kg
	Weight (Head + Stand)	27.4Kg	18.1kg	14.8kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	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
	Packed Weight	32.5Kg	21.1kg	17.7kg
	VESA™ Standard Mount Interface	300 x 300mm	300 x 300mm	300 x 300mm
SPECIAL FEATURES		Temperature Sensor, Auto Brightness Sensor, Tile Mode (up to 15x15), Natural Mode@Tile Mode, ISM Method, Internal Memory, Wi-Fi built-in, USB Cloning, Contents Scheduling, Sync mode, PM mode, Fail Over, Wake on LAN, BEACON (On/Off), Embedded Template		
ENVIRONMENTAL 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.	134W	116W	102W
	Smart Energy Saving	90W	80W	70W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC		
	EMC	FCC Class "A" / CE / KCC		
	ErP / Energy Star	No/No		
MEDIA PLAYER COMPATIBILITY	OPS type compatible	Yes		
	External Media player Attachable	Yes (MP500/MP700)		
SOFTWARE COMPATIBILITY	SuperSign-W / Lite	Yes		
	SuperSign-C	Yes		
ACCESSORY	Basic	Remote Controller (include 2ea batteries), Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender, Memory cover		
		Speaker (SP-5200), Stand (ST-651T), Pixel sensor (KT-SP0), Media player, OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5200), Stand (ST-201T), Pixel sensor (KT-SP0), Media player, OPS Kit (KT-OPSA), HDBaseT (EB-B100)	
	Optional			

Connectivity



With an expanded lineup of the UH5B Series, you have more options to choose from. The UH5B attracts attention much strongly with the vivid and realistic colors and a superior picture quality. That makes itself appropriate for public spaces which deliver commercial or informative message.

Key Features

Ultra HD

ULTRA HD

Ultra HD Resolution (3840x2160)

Ultra HD Large screen delivers immersive viewing experience.

FULL HD 1,920 X 1,080

ULTRA HD 3,840 X 2,160

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.

Conventional H.264

UHSB

Up-Scaling and Super Resolution

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

Source FHD (1,920 X 1,080)

Up-Scaling UHD (3,840 X 2,160)

Super Resolution UHD (3,840 X 2,160)

Smart Platform

Quad Core SoC*

The High Performance SoC can execute several tasks at the same time and provides smooth content playback.

Screen Defects

Contents Download

Quad Core

APP.

App. Execution

*SoC : System-on-Chip

webOS 2.0

The webOS 2.0 platform provides easy and convenient tools to create contents. LG's SDK* and technical supports make content development and management easier.

My Medi

ICESHOT

12:00

<http://developer.lge.com/webOSSignage>

*Software Development Kit

Prime Color Expression with SoC built-in Smart Platform

Ultra HD 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)



Other Features

Cost Effectiveness



Reduced Power Consumption by M+
It has excellent energy-efficiency and cost-savings with the M+ panel, which decreases power consumption by approximately 31% compared to the RGB panel.

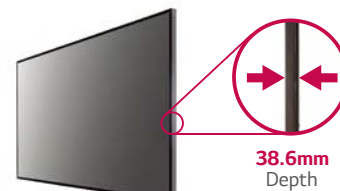


Space Management Efficiency



Slimmer Depth

The slimmer depth saves space for installation and makes the enclosure design slimmer.



Easy Maintenance



Real-Time Remote Monitoring

When an alarm occurs, an e-mail notification is sent using SuperSign C or SI SW through the SNMP Protocol. In case of malfunctions or errors, real-time remote care is available.



Dust & Humidity Protection

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.



Built-in Wi-Fi



Mirroring

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



SoftAP

The UH5B with SoftAP software can operate as a wireless access point for mobile devices.



Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by UH5B, retail stores can provide coupons and information in real-time.



OPS* Kit / HDBaseT Box

The UH5B provides an OPS Kit to connect a third-party OPS player or HDBaseT box. Users have the flexibility to choose any media player as long as it complies with the OPS.

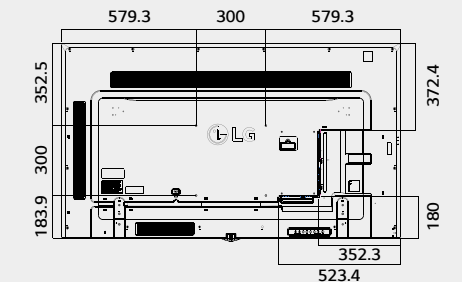
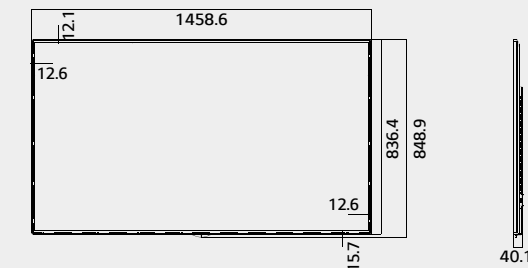


*OPS : Open Pluggable Specification

Dimension (unit : mm)

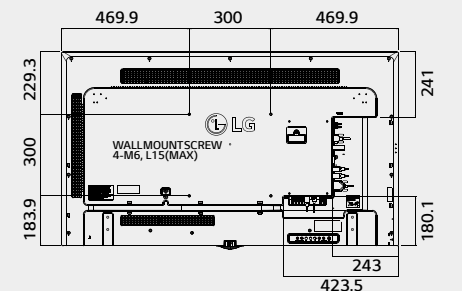
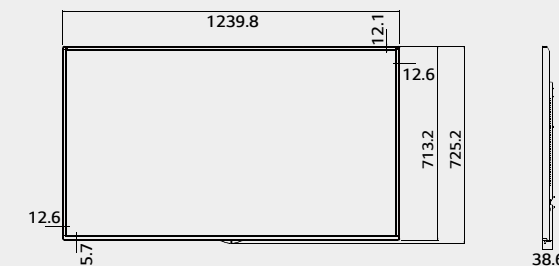
65"

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

