UHD Signage 65/55/49/43" UH5F-H

LG UHD Signage

Clear View with Non-glare Coating	**4K UHD** Superb Picture Quality		Sleek and Practical Design
Product Reliability	webOS Smart Platform		Meeting Room Solution

SUPERB PICTURE QUALITY

Without Non-glare Coating   With Non-glare Coating

FULL HD   1,080 / 1,920   ULTRA HD   2,160 / 3,840
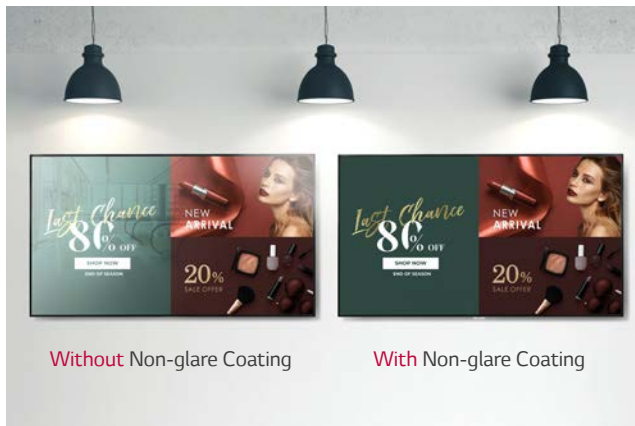
Clear View with Non-glare Coating

Viewers can be distracted by unnecessary reflections when watching a screen under brightly lit conditions. The UH5F-H series has resolved such inconveniences by increasing the level of haze, which enhances visibility and text readability.
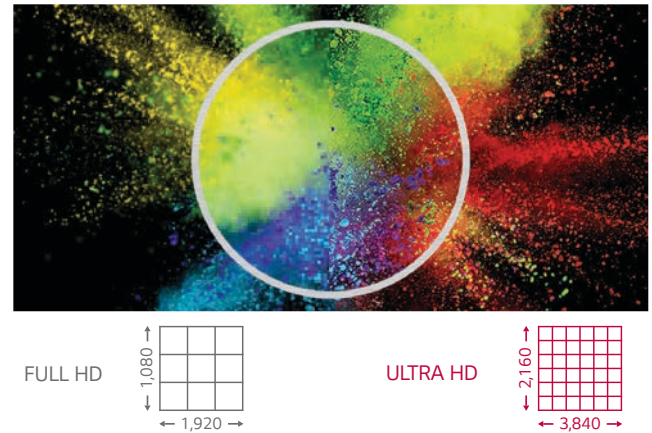
ULTRA HD Resolution

With resolution that is 4 time higher than Full HD, Ultra HD makes the color and details of the contents more vivid and realistic. In addition, the wide viewing angle enabled by LG IPS Panel, provides clear contents with no distortion.

SLEEK AND PRACTICAL DESIGN

9.9 mm
43" 8.4 mm

39.9 mm

14.4 mm
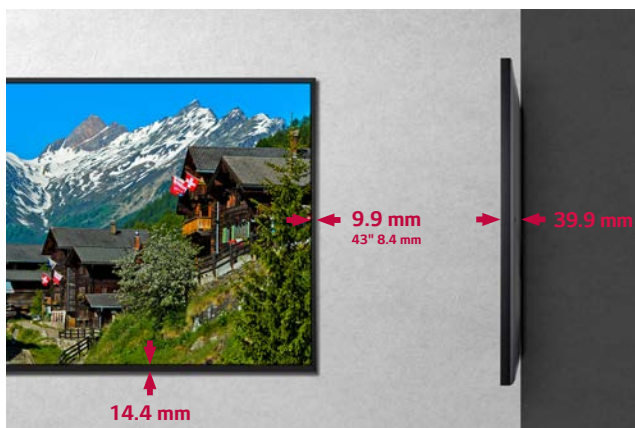
Narrow Bezel & Slim Depth

This series has a smaller bezel size and thickness, which saves space and enables easy installation. In addition, it increases the immersive experience from the screen and provides a sophisticated design, improving the décor of the space where the product is installed.

Detachable Logo and Built-in Speaker

This series is equipped with a new transparent logo which is well organized with surroundings. Also, it is removable so users have flexibility during installation. Contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.

PRODUCT RELIABILITY

IP5x Certified Design

The IP5x Dust-Proof Certification ensures that the product is completely protected from dust, eliminating the risk of performance degradation.
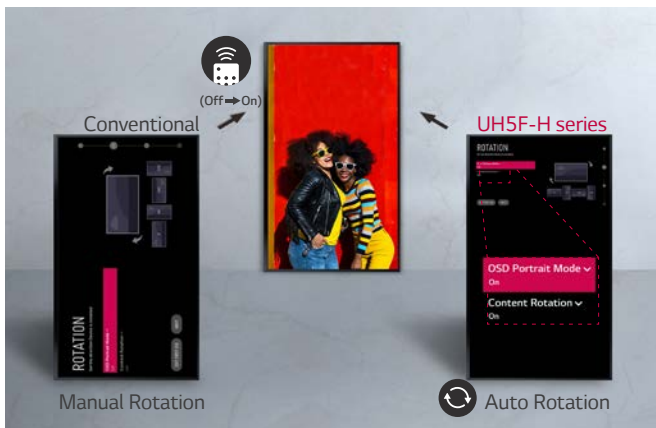

30° Tilting Installation

When a display is installed at high places, it is usually tilted for the user's comfort viewing. In consideration of this, the UH5F series supports the installation with 30 degrees of tilt*.

* Tilt installation of up to 30 degrees facedown is supported.
  (In conditions within 30℃ temperature, 50% humidity)
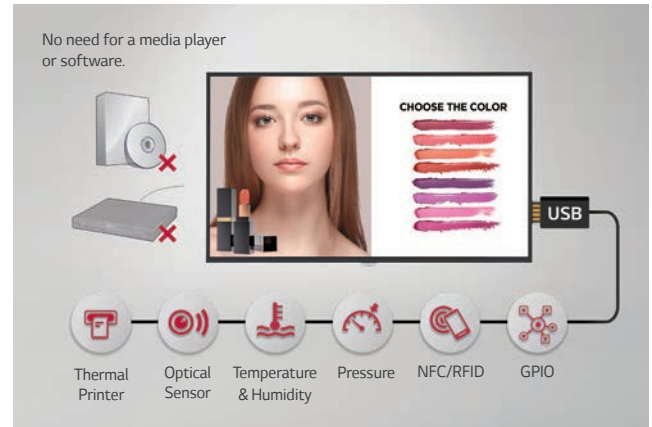
EASY INSTALLATION

Auto Screen Rotation

This series automatically detects its orientation (landscape or portrait mode) in the initial installation step, so manual rotation set-up process isn't required. The direction of display and background contents will be already set when you turn on a display at first.
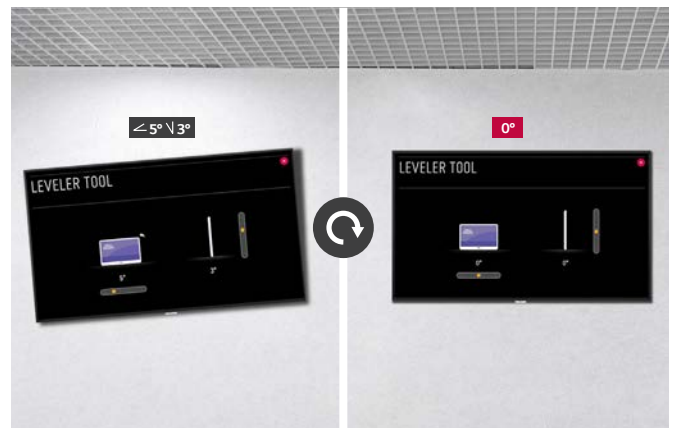
Fine Adjustment

This UH5F-H series is equipped with a "horizontal sensor" which shows users how the device is tilt, so that it can be precisely installed.

webOS SMART SIGNAGE PLATFORM

Software Development Kit | SCAP Libraries | Sample Applications

No need for a media player or software.

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

High-Performance with webOS

The UH5F-H series has a built-in Quad Core System-on-Chip (SoC) that can execute several tasks at once while providing smooth content playback without the need for a media player. Utilizing the SoC, LG's webOS smart signage platform has a convenient graphical user interface and simple app development tools.

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. That means there is no cost to purchase or maintain additional software or media players for creating value-added solutions.

MEETING ROOM SOLUTION COMPATIBILITY

Compatible with AV Control Systems

The UH5F-H series has been certified Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and network-based control, boosting business management efficiency.

Compatible with Video Conference System

The UH5F is compatible with Cisco conferencing systems that offer powerful HDMI-based control for a smarter video conference experience that avoids wasted time setting up the picture or input settings.
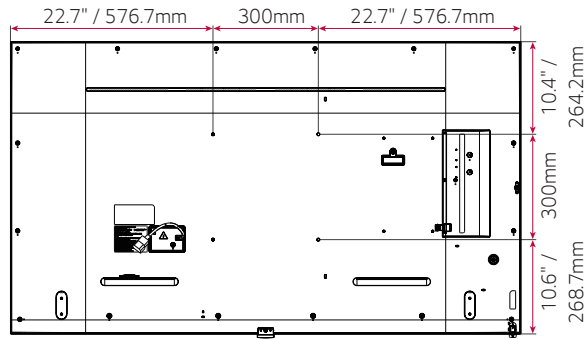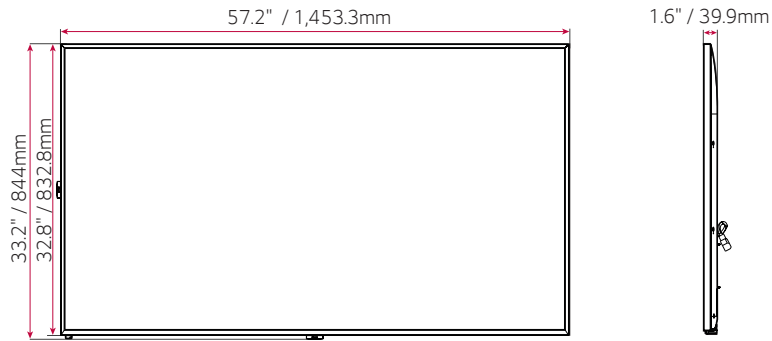
SPECIFICATIONS

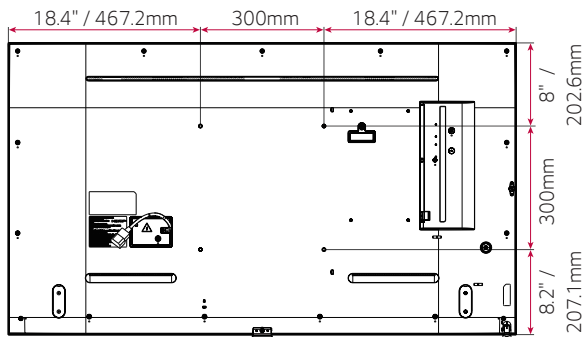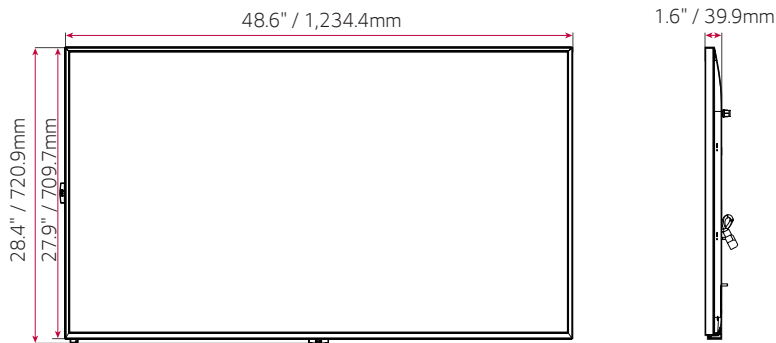|		65UH5F-H	55UH5F-H	49UH5F-H	43UH5F-H
PANEL	Screen Size	65"	55"	49"	43"
	Panel Technology	IPS	IPS	IPS	IPS
	Back Light Type	Edge	Edge	Edge	Edge
	Aspect Ratio	16:9	16:9	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness (Typ)	500 nits	500 nits	500 nits	500 nits
	Contrast Ratio	1,100:1	1,100:1	1,100:1	1,100:1
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Color gamut	BT709 95%	BT709 95%	BT709 95%	BT709 95%
	Viewing Angle(H x V)	178° X 178°	178° X 178°	178° X 178°	178° X 178°
	Color Depth	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion colors
	Response Time (G to G)	8 ms	8 ms	8 ms	8 ms
	Surface Treatment (Haze)	28%	28%	28%	28%
	Lifetime	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours (Hours/Day)	24/7	24/7	24/7	24/7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
SOUND	Speaker	Yes	Yes	Yes	Yes
CONNECTIVITY	HDMI IN	Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4 HDMI3: HDCP 1.4			
	DP IN	Yes (1), HDCP2.2/1.3	Yes (1), HDCP2.2/1.3	Yes (1), HDCP2.2/1.3	Yes (1), HDCP2.2/1.3
	DVI-D IN	Yes (1), HDCP1.4	Yes (1), HDCP1.4	Yes (1), HDCP1.4	Yes (1), HDCP1.4
	Audio In	Yes	Yes	Yes	Yes
	RS232C IN	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack
	RJ45 (LAN) IN	Yes	Yes	Yes	Yes
	IR IN	Yes	Yes	Yes	Yes
	USB IN	USB2.0 Type A(1)	USB2.0 Type A(1)	USB2.0 Type A(1)	USB2.0 Type A(1)
	DP Out	Yes (1), Input: HDMI1/2/3/DVI/DP	Yes (1), Input: HDMI1/2/3/DVI/DP	Yes (1), Input: HDMI1/2/3/DVI/DP	Yes (1), Input: HDMI1/2/3/DVI/DP
	Audio Out	Yes	Yes	Yes	Yes
	RS232C OUT	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack
MECHANICAL	Bezel Color	Black	Black	Black	Black
	Bezel Width	T/R/L: 9.9mm, B: 14.4mm	T/R/L: 9.9mm, B: 14.4mm	T/R/L: 9.9mm, B:14.4mm	T/R/L: 8.4mm, B:14.4mm
	Weight(Head)	62.3 lbs / 28.2 kg	41.9 lbs / 19.0 kg	34.0 lbs / 15.4 kg	24.7 lbs / 11.2 kg
	Packed Weight	77.2 lbs / 35.0 kg	53.4 lbs / 24.2 kg	41.4 lbs / 18.8 kg	30.2 lbs / 13.7 kg
	Monitor Dimension (W x H x D)	57.2 x 33.2 x 1.6 in 1453.3 x 844.0 x 39.9 mm	48.6 x 28.4 x 1.6 in 1234.4 x 720.9 x 39.9 mm	43.3 x 25.4 x 1.6 in 1098.6 x 644.5 x 39.9 mm	37.9 x 22.4 x 1.6 in 962.5 x 568.0 x 39.9 mm
	Carton Dimensions (W x H x D) (Box outer size)	63.0 x 43.1 x 6.9 in 1600.0 x 1095.0 x 175.0 mm	53.5 x 32.9 x 6.9 in 1360.0 x 835.0 x 175.0 mm	47.1 x 30.5 x 6.4 in 1197.0 x 775.0 x 162.0 mm	41.7 x 26.0 x 6.0 in 1060.0 x 660.0 x 152.0 mm
	Handle	Yes	Yes	Yes	Yes
	VESA™ Standard Mount Interface	300 x 300	300 x 300	300 x 300	200 x 200
	Tilt (Face Down)	Yes (Max 30°, 30°C temp, 50% humidity)			
	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	32°F to 104°F / 0°C to 40°C
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %
	OPS type compatible	Yes	Yes	Yes	Yes
	OPS Power built in	No	No	No	No
KEY FEATURES	Internal Memory	8 GB	8 GB	8 GB	8 GB
	Built-in Wi-Fi	Yes	Yes	Yes	Yes
	Temperature Sensor	Yes	Yes	Yes	Yes
	Auto Brightness sensor	Yes	Yes	Yes	Yes
	Local Key Operation	Yes	Yes	Yes	Yes
	webOS ver.	webOS4.1	webOS4.1	webOS4.1	webOS4.1
	Local Contents Scheduling	Yes	Yes	Yes	Yes
	Group Manager	Yes	Yes	Yes	Yes
	USB Plug & Play	Yes	Yes	Yes	Yes
	Fail over	Yes	Yes	Yes	Yes
	Booting Logo Image	Yes	Yes	Yes	Yes
	No Signal Image	Yes	Yes	Yes	Yes
	RS-232C Sync	Yes	Yes	Yes	Yes
	Local Network Sync	Yes	Yes	Yes	Yes
	PIP	Yes	Yes	Yes	Yes
	PBP	Yes (4)	Yes (4)	Yes (4)	Yes (4)
	Screen Share	Yes	Yes	Yes	Yes
	Video Tag	Yes (4)	Yes (4)	Yes (4)	Yes (4)
	Play via URL	Yes	Yes	Yes	Yes
	Screen Rotation	Yes	Yes	Yes	Yes
	External Input Rotation	Yes	Yes	Yes	Yes
	Gapless Playback	Yes	Yes	Yes	Yes
	Tile Mode Setting	Yes (Max. 15x15)	Yes (Max. 15x15)	Yes (Max. 15x15)	Yes (Max. 15x15)
	Setting Data Cloning	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes
	ISM Method	Yes	Yes	Yes	Yes
	Auto Set ID	Yes	Yes	Yes	Yes
	Status Mailing	Yes	Yes	Yes	Yes
	Control Manager	Yes	Yes	Yes	Yes
	Crestron Inside	Yes	Yes	Yes	Yes
	Smart Energy Saving	Yes	Yes	Yes	Yes
	PM mode	Yes	Yes	Yes	Yes
	Wake on LAN	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes
	HDMI-CEC	Yes	Yes	Yes	Yes
	SI Server Setting	Yes	Yes	Yes	Yes
	webRTC	Yes	Yes	Yes	Yes
	Pro!diom	Yes	Yes	Yes	Yes
POWER	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Typ. Power	120W	105W	95W	75W
	Max. Power	165W	145W	130W	110W
	BTU (British Thermal Unit)	409 BTU/Hr (Typ.) / 563 BTU/Hr (Max)	358 BTU/Hr (Typ.) / 495 BTU/Hr (Max)	324 BTU/Hr (Typ.) / 444 BTU/Hr (Max)	256 BTU/Hr (Typ.) / 375 BTU/Hr (Max)
	Smart Enegy Saving	96 W	84 W	76 W	60 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W
	Power off	0.5 W	0.5 W	0.5 W	0.5 W
LG SOFTWARE & SERVICES*	SuperSign CMS	Yes	Yes	Yes	Yes
	SuperSign Control / Control+	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign WB	Yes	Yes	Yes	Yes
	SuperSign Media Editor	Yes	Yes	Yes	Yes
	Signage365 Care	Yes	Yes	Yes	Yes
WARRANTY & OTHER	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
	FCC (Regulatory)	Class A	Class A	Class A	Class A
	CE (Regulatory)	Yes	Yes	Yes	Yes
	ErP	Yes	Yes	Yes	Yes
	Energy Star	Yes	Yes	Yes	Yes
	Basic Accessories	Remote Control (battery 2ea), Power Cord, QSG, IR/Light receiver, DP Cable (1.8m), Regulation Book, Phone to RS232C Adapter			

* SuperSign CMS, Control+, White Balance and Signage365 Care are optional pay-for software/services.
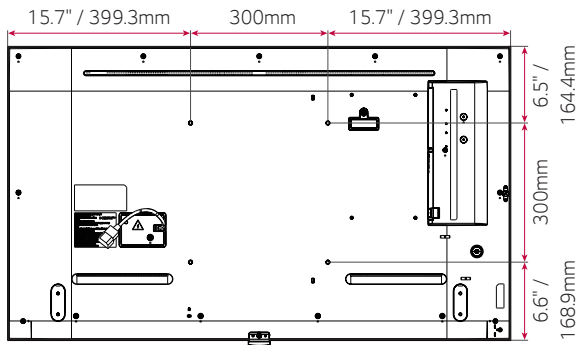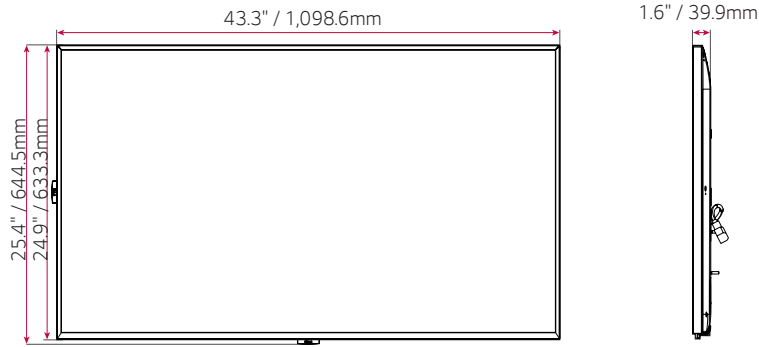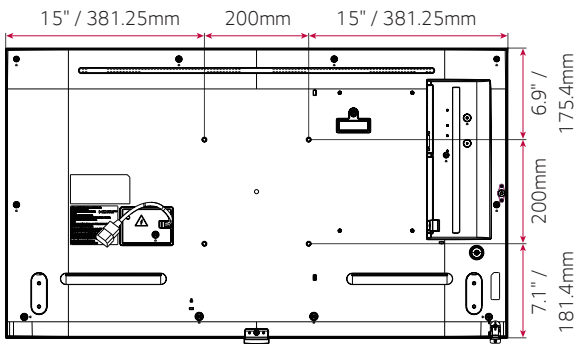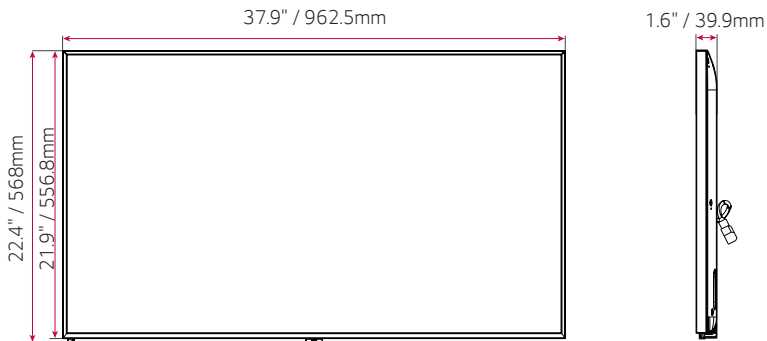
DIMENSIONS

65"

57.2" / 1,453.3mm

1.6" / 39.9mm

33.2" / 844mm

32.8" / 832.8mm

22.7" / 576.7mm   300mm   22.7" / 576.7mm

10.4" / 264.2mm

300mm

10.6" / 268.7mm

55"

48.6" / 1,234.4mm

1.6" / 39.9mm

28.4" / 720.9mm

27.9" / 709.7mm

18.4" / 467.2mm   300mm   18.4" / 467.2mm

8" / 202.6mm

300mm

8.2" / 207.1mm

DIMENSIONS

49"

43.3" / 1,098.6mm

1.6" / 39.9mm

25.4" / 644.5mm
24.9" / 633.3mm

15.7" / 399.3mm   300mm   15.7" / 399.3mm

6.5" / 164.4mm

300mm

6.6" / 168.9mm

43"

37.9" / 962.5mm

1.6" / 39.9mm

22.4" / 568mm
21.9" / 556.8mm

15" / 381.25mm   200mm   15" / 381.25mm

6.9" / 175.4mm

200mm

7.1" / 181.4mm

CONNECTIVITY
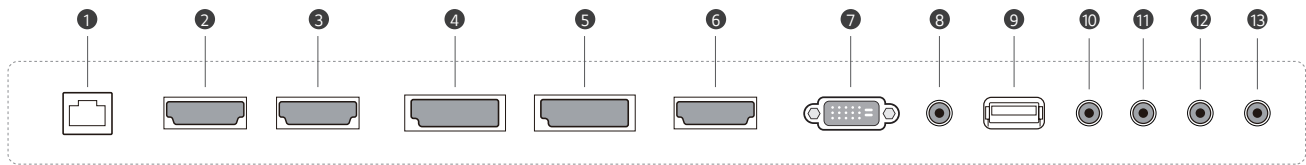
① LAN	⑤ DP OUT	⑨ USB IN	⑬ RS-232C OUT
② HDMI IN1	⑥ HDMI IN3	⑩ AUDIO IN	
③ HDMI IN2	⑦ DVI-D IN	⑪ AUDIO OUT	
④ DP IN	⑧ IR & LIGHT SENSOR	⑫ RS-232C IN	

* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

ENERGY STAR

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE