LG UHD Signage Provides Information Effectively

The UH7F series is a UHD signage that has been optimized for various indoor environments. It features bright, 700-nit UHD quality, slim design, external dust protection, and both portrait and landscape operation for flexible applications and installations.

4K UHD Superb Picture Quality

Sleek and Practical Design

Product Reliability

Easy Installation

LG Business Solutions

*All images are for illustrative purposes only.

ULTRA HD Resolution

With the resolution that is 4 times higher than FHD, it makes the color
and details of the contents more vivid and realistic. In addition, the wide viewing
angle enabled by the LG IPS panel provides clear contents with no distortion.

FULL HD   1,080   ← 1,920 →

ULTRA HD   2,160   ← 3,840 →
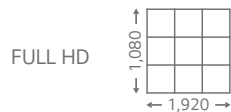
High Efficiency Video Coding

The UH7F series supports HEVC* which efficiently compresses/decompresses
high-capacity UHD contents, playing ultra-high quality
videos with half the network traffic when compared to the existing
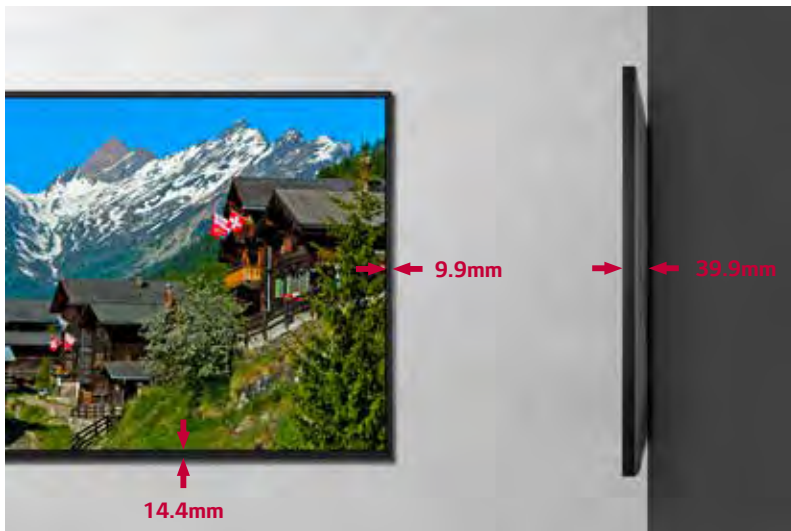H.264 codec.

H.264   HEVC

* HEVC : High Efficiency Video Coding

Narrow Bezel & Slim Depth

The UH7F Series has a narrow bezel thickness, which enhances the immersive viewing experience and provides a sophisticated design, improving the décor of virtually any space where the product is installed.

Detachable Logo and Built-in Speaker

The new transparent logo on the UH7F Series is detachable, which gives it multiple ways of blending seamlessly with the environment. The built-in speakers enrich the viewing experience and provide increased engagement without the need to purchase and install external speakers.

IP5x Certified Design

The IP5x Dust-Proof Certification ensures that the product is well-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 UH7F 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)

Auto Screen Rotation

The UH7F 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 OSD and background contents will be already set when you turn on a display at first.
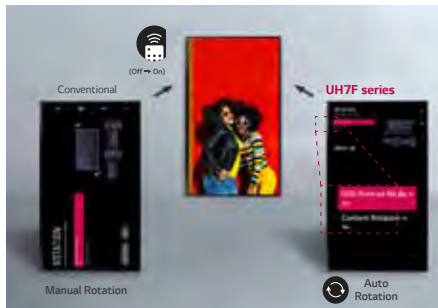
Fine Adjustment

The UH7F series is equipped with a "horizontal sensor" which shows users how the device is tilt, so that it can be precisely installed.
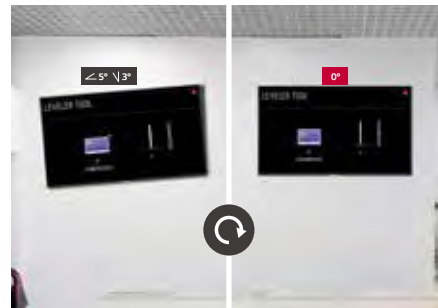
Remote Monitoring

The UH7F series can email notifications to users when there is a problem, such as tilting of the product by external impact, so users can operate the product in a safer manner as they can get the information about the problem right away.

Simple Accessibility

Unlike previous models where various buttons have to be pressed for control, the UH7F series provides a single joystick to easily facilitate power on/off, input/ setting operation, volume control, etc.

High-Performance with webOS

Built-in Quad Core SoC can execute several tasks at once while providing smooth content playback without the need for a media player. Also LG webOS platform enhances user convenience with intuitive GUI 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. The overall cost for maintenance is reduced as there's no need to purchase additional software or media players for creating value-added solutions.
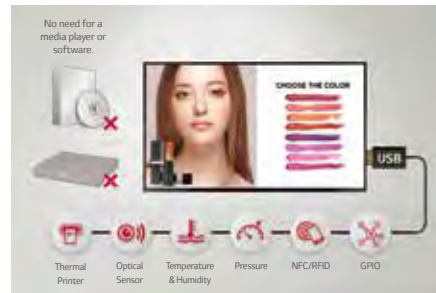
Compatibility with AV Control System

The UH7F series has been certified Crestron Connected® for high 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 UH7F series has certified its compatibility with Cisco System that offers powerful and integrated control* for a smarter video conference, eliminating a waste of time for setting up the picture quality or changing input on incoming calls.
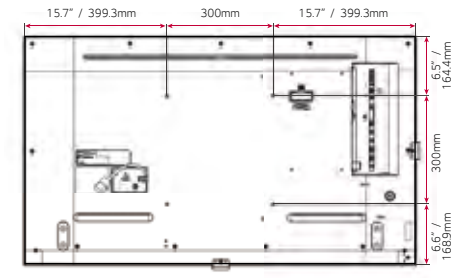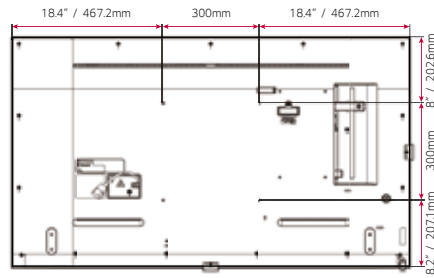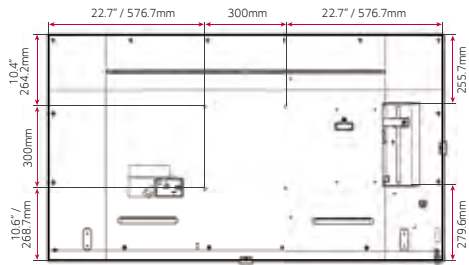
65"

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
255.7mm
10.4" / 264.2mm
300mm
10.6" / 268.7mm   279.6mm

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

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
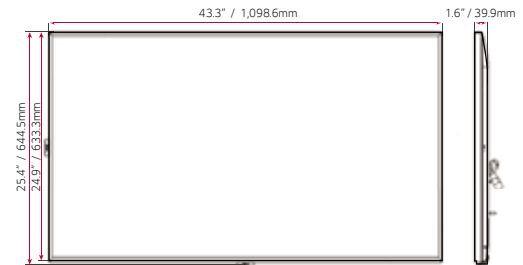
CONNECTIVITY

65" | 55" | 49"

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

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG salesteam to verify before ordering.

		65UH7F	55UH7F	49UH7F
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, RGB)	3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)
	Brightness (Typ.)	700 nits	700 nits	700 nits
	Contrast Ratio	1,100:1	1,100:1	1,100:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time (G to G)	8ms	8ms	8ms
	Surface Treatment (Haze)	Haze 3%	Haze 3%	Haze 3%
	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
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0		
	Output	DP, Audio (Off/Fixed/Variable),		
	External Control	RS232C In/Out, RJ45 (LAN) In, IR In		
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	9.9mm (T/R/L), 14.4mm (B)	9.9mm (T/R/L), 14.4mm (B)	9.9mm (T/R/L), 14.4mm (B)
	Dimensions (W x H x D)	57.2" x 33.2" x 1.6" / 1,453.3mm x 844mm x 39.9mm	48.6 x 28.4" x 1.6" / 1,234.4mm x 720.9mm x 39.9mm	43.3" x 25.4" x 1.6" / 1,098.6mm x 644.5mm x 39.9mm
	Weight	62.2 lbs / 28.2 kg	41.9 lbs / 19.0 kg	34 lbs / 15.4 kg
	Shipping Dimensions (W x H x D)	63" x 38.2" x 6.9" / 1,600mm x 970mm x175mm	53.5" x 31.9" x 6.9" / 1,360mm x 810mm x 175mm	47.1" x 29.1" x 6.4" / 1,197mm x 740mm x 162mm
	Shipping Weight	772 lbs / 35.0 kg	53.4 lbs / 24.2 kg	41.4 lbs / 18.8 kg
	VESA™ Standard Mount Interface	300 x 300	300 x 300	300 x 300
Key Feature		Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Built-in Speaker, Temperature Sensor, Auto Brightness Sensor, Acceleration Sensor, Local Key Operation, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Fail over, Image Customization (Booting Logo, No Signal), Content Sync (RS232C, Local Network), PIP/PBP(4), Screen Share, Video Tag(4), Play via URL, OSD Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, Firmware Update by Network, SNMP 2.0, ISM Mode, Crestron Connected®[1], DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC[2], SI Server Setting		
Special Feature	Tilt (Facedown)[3]	Max. 30°	Max. 30°	Max. 30°
	IP Rating	IP5x	IP5x	IP5x
Environmental 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 Consumption — Max Power Consumption	180W	160W	145W
	Power Consumption — Typical Power Consumption	130W	110W	100W
	Power Consumption — Smart Enegy Saving	100W	85W	75W
Certification	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	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
	ErP (EU Only) / Energy Star	Yes / Yes (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)
Media player Compatibility	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
Software Compatibility	Content Management Software	SuperSign CMS[4]	SuperSign CMS[4]	SuperSign CMS[4]
	Control and Monitoring Software	SuperSign Control/Control+[4]	SuperSign Control/Control+[4]	SuperSign Control/Control+[4]
	Signage365Care	Yes	Yes	Yes
Accessories	Basic Accessories	Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender		
	Optional Accessories	Stand(ST-653T), Media Player, Wall Bracket(LSW350B), VESA Adapter(AM-B330S), OPS Kit(KT-OPSH)		
Other	Warranty	3 Year Limited Warranty		
	UPC	TBD		

1) Network based control   2) Compatibility may differ by equipment   3) In conditions within 30°C temperature, 50% humidity   4) SuperSign CMS and Control+ are optional paid software

LG Business Solutions