

# LG UHD Signage Offers Optimum Vision for Meetings

With superb picture quality and slim design, the UM3F/E series provides optimal vision for various indoor environments. Its quality and performance capture the attention of conference goers.



Superb Picture Quality



Sleek and Practical Design



webOS Smart Platform

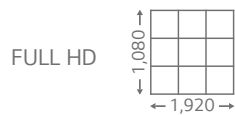


Meeting Room Solution



## 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 applied with LG IPS Panel, provides clear contents with no distortion.



## High Efficiency Video Coding

The UM3F/E series supports HEVC\* which efficiently compresses/ decompresses high-capacity UHD contents, playing ultra-high quality videos with half the network traffic than the existing H.264 codec.



H.264

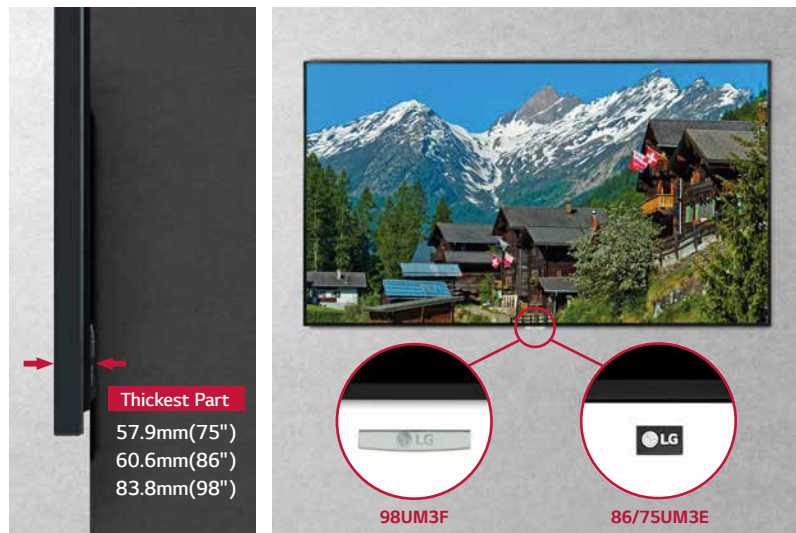


HEVC

\* HEVC : High Efficiency Video Coding

## Slim Depth and Detachable Logo

Although the UM3F/E series is a large-sized display, the product still has a slim depth which allows easy installation by using less space. Also, the detachable logos give users flexibility to arrange the display.



## Built-in Speakers

Contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.



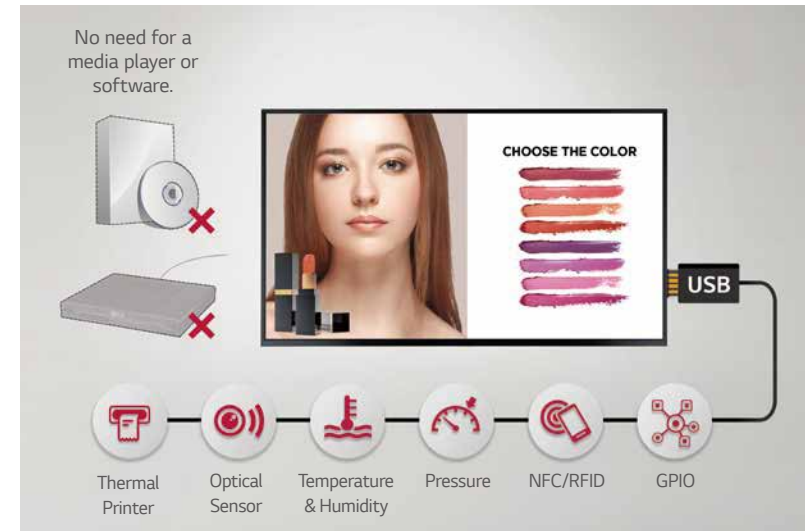
## High-Performance with webOS

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 smart signage 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.



## Compatible with AV Control System

The UM3F/E series has been certified Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated control\*, boosting business management efficiency.



\* Network based control

## Compatible with Video Conference System

For the optimum visual meeting, the UM3F/E 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.



\* Using an HDMI cable connection

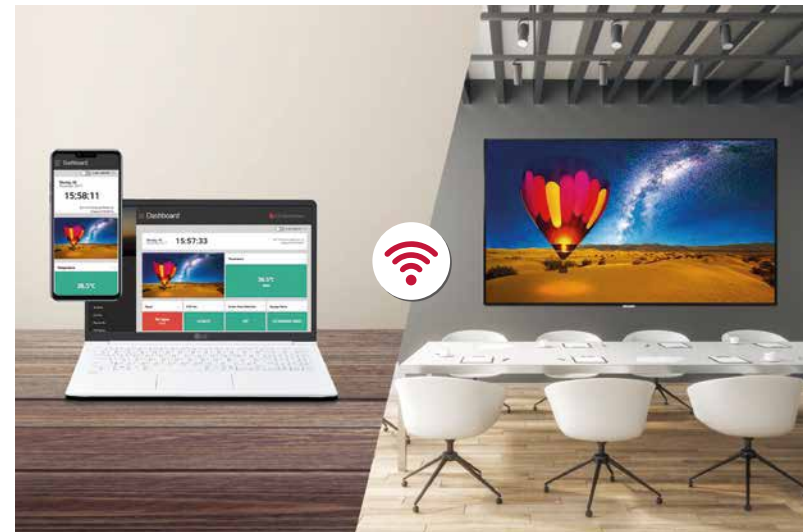
### Multi Screen with PBP/PIP

PBP (Picture-By-Picture) features multi screen in a single display with up to 4 input sources while PIP (Picture-In-Picture) supports playing both main screen and sub screen at the same time with various layouts. This gives great flexibility to allocate space for each content source.



### Real-Time Monitoring & Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple UM3F/E series displays in different locations in real-time. It is available on internet-connected devices, allowing you to flexibly and rapidly respond to emergency situations anywhere.



### Content Sharing

Content Mirroring among devices is more convenient on a Wi-Fi network.



### Real-time Promotion

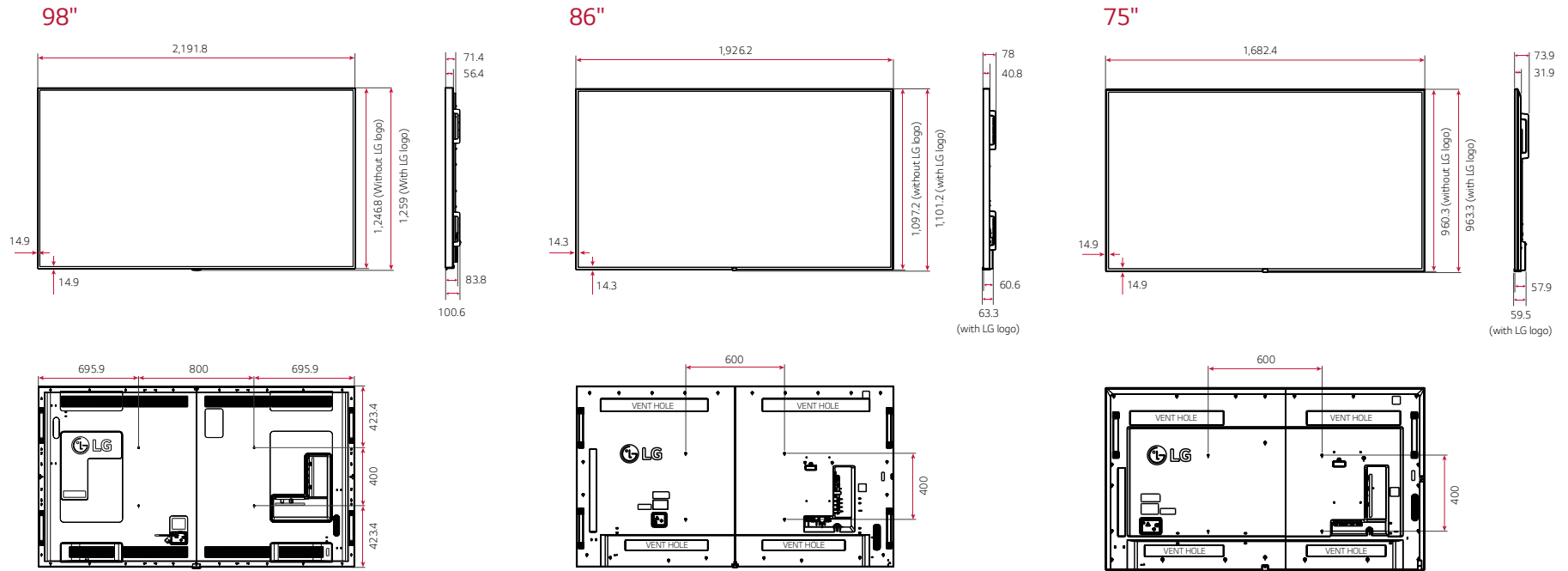
With Beacon and BLE (Bluetooth Low Energy), shop managers can provide coupons and information in real-time.

### Wireless Access Point

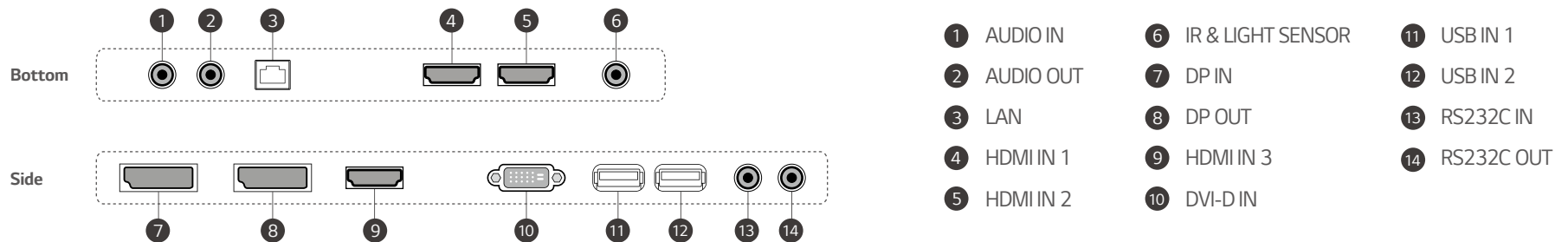
The UM3F/E series operates as a virtual router which can be a wireless access point for mobile devices.



# DIMENSION (unit: mm)



# CONNECTIVITY



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



# SPECIFICATIONS

		98UM3F	86UM3E	75UM3E
Panel	Screen Size	98"	86"	75"
	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)
	Refresh Rate	120 Hz	240 Hz	120 Hz
	Brightness (Typ.)	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
	Contrast Ratio	1,300:1	1,200:1	1,200:1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8ms (G to G)	8ms (G to G)	6ms (G to G)
	Surface Treatment (Haze)	Haze 1%	Haze 3%	Haze 3%
Life Time (Typ.)	50,000 Hrs	30,000 Hrs	50,000 Hrs	
Operation Hours	24 Hrs	16 Hrs	24 Hrs	
Orientation	Portrait & Landscape	Landscape	Portrait & Landscape	
Connectivity	Input	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)
	Output	DP, Audio (Off/Fixed/Variable)	DP, Audio (Off/Fixed/Variable)	DP, Audio (Off/Fixed/Variable)
	External Control	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In	RS232C In/out (4 Pin Phone-Jack), RJ45 (LAN) In, IR In
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even) * Off-Bezel	14.3 mm (Even) * Off-Bezel	14.9 mm (Even) * Off-Bezel
	Monitor Dimension (W x H x D)	2,191.8 x 1,246.8 x 83.8 mm (without Handle, with LG logo)	1,926.2 x 1,097.2 x 60.6 mm (without Handle)	1,682.4 x 960.3 x 57.9 mm (without Handle and Logo)
	Weight (Head)	81.1 kg	49 kg	41.5 kg
	Carton Dimensions (W x H x D)	2,362 x 1,386 x 420 mm	2,073 x 1,260 x 292 mm	1,816 x 1,123 x 228 mm
	Packed Weight	119 kg	61.1 kg	49 kg
	Handle	Yes	Yes	Yes
VESA™ Standard Mount Interface	800 x 400 mm	600 x 400 mm	600 x 400 mm	
Key Feature	Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Image Customization, Failover, Content Sync (RS232C, Local Network), Screen Share, Play via URL, OSD Rotation, Content Rotation, PIP/PBP (4), Tile Mode Setting (Max 1x15), Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected <sup>®1)</sup> , Cisco Compatibility <sup>2)</sup> , Beacon, HDMI-CEC <sup>3)</sup> , SI Server Setting, webRTC			
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C	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	Typ. / Max. 315 W / 415 W Smart Energy Saving 221 W	250 W / 345 W 175 W	160 W / 185 W 112 W
Sound	Speaker	Built-in (10Wx2)	Built-in (10Wx2)	Built-in (10Wx2)
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 / Energy Star	Yes (EU Only) / N/A	Yes (EU Only) / N/A	Yes (EU Only) / Yes (Energy Star 7.0)
Media Player Compatibility	OPS Type Compatible	No	Yes	Yes
	External Media Player Attachable	Yes	Yes	Yes
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control/Control+	SuperSign Control/Control+	SuperSign Control/Control+
	Signage365Care <sup>4)</sup>	Yes	Yes	Yes
Accessories	Basic	Remote Controller, Power Cord, QSG, IR/Light Sensor Receiver, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender, Eye-bolt	Remote Controller, Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender	Remote Controller, Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender
	Optional	No	Media Player, OPS Kit (KT-OPSF), Wall Mount (LSW640A/B)	Media Player, OPS Kit (KT-OPSF), Wall Mount (LSW640A/B)

1) Network based control 2) Using an HDMI cable connection 3) Compatibility may differ by equipment 4) The availability of "Signage365Care" service can differ by region.



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