

UHD Signage

UM3F / UM3E Series

LG UHD Signage Offers Optimum Vision for Meetings

With superb picture quality and slim design, the UM3F and UM3E Series provide optimal vision for various indoor environments. The Ultra HD quality combined with webOS Signage 4.0 make this the perfect meeting room signage solution.



Superb Picture Quality



Sleek and Practical Design



webOS Smart Platform



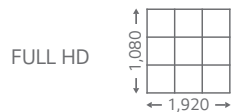
Meeting Room Solution



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



High Efficiency Video Coding

The UM3F and UM3E Series support 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

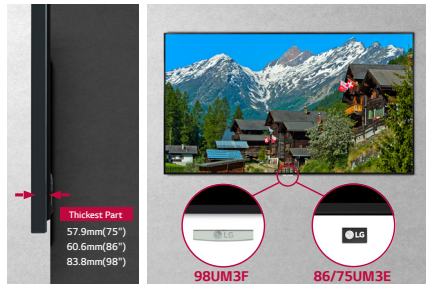


HEVC

* HEVC: High Efficiency Video Coding

Slim Depth and Detachable Logo

Although the UM3F and UM3E Series are large displays, 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.



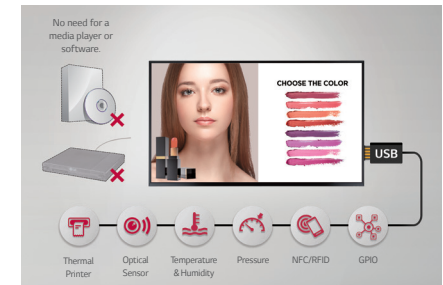
High-Performance with webOS

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. This smart signage has no need to purchase additional software or media players for creating value-added solutions.



Compatible with AV Control System

The UM3F and UM3E 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 and UM3E 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 and UM3E 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.



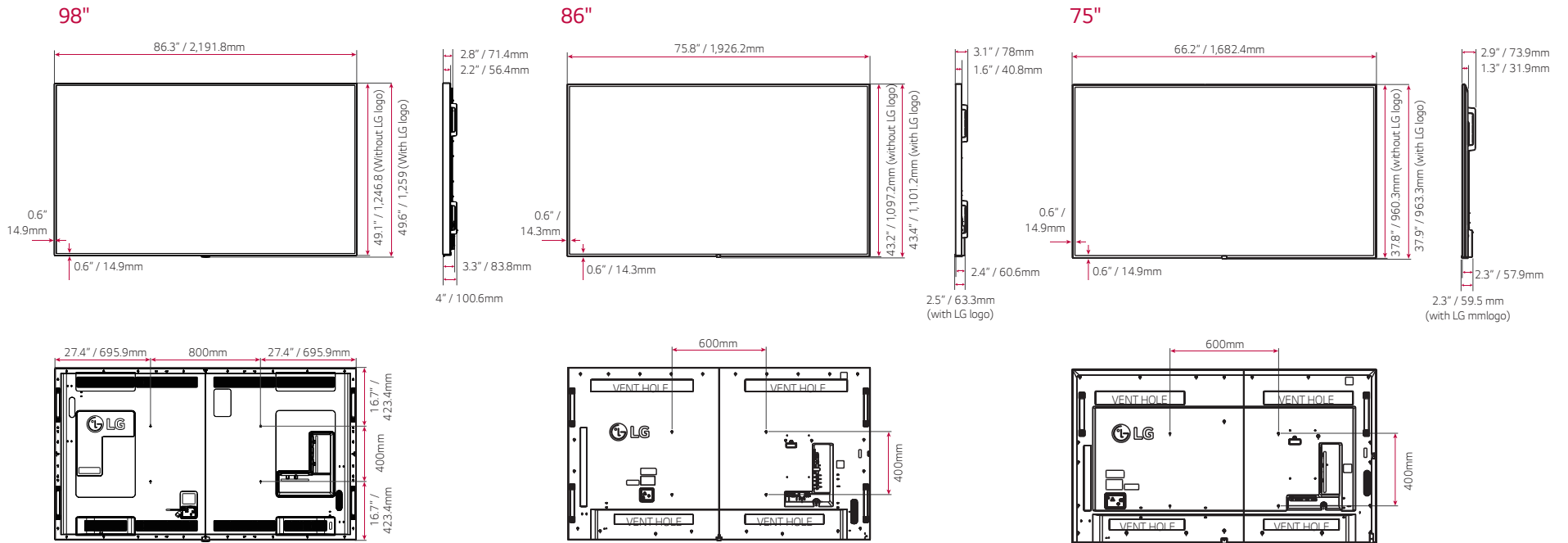
Real-time Promotion

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

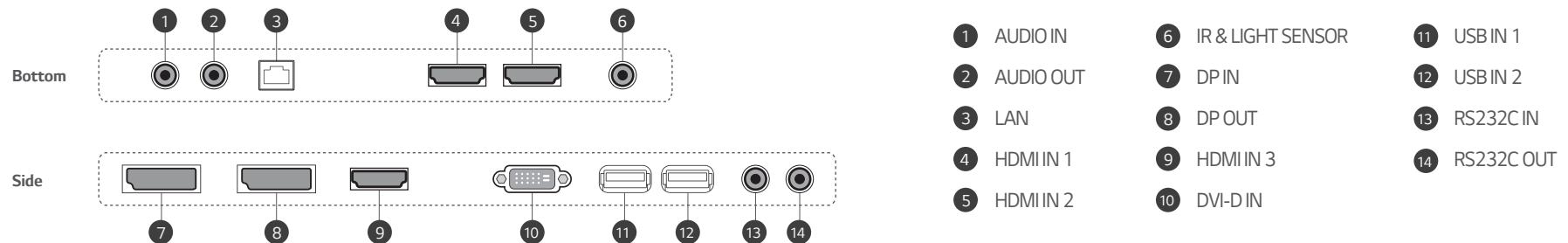
Wireless Access Point

The UM3F and UM3E series operates as a virtual router which can be a wireless access point for mobile devices.





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	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	120 Hz	240 Hz	120 Hz
	Brightness (Typ.)	350 nits	350 nits	350 nits
	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)
	Output	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
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even)	14.3 mm (Even)	14.9 mm (Even)
	Monitor Dimensions (W x H x D) (without handle, with LG logo)	86.3 x 49.1 x 3.3 in / 2,191.8 x 1,246.8 x 83.8 mm	75.8 x 43.2 x 2.4 in / 1,926.2 x 1,097.2 x 60.6 mm	66.2 x 37.8 x 2.3 in / 1,682.4 x 960.3 x 57.9 mm
	Weight (Head)	178.8 lbs / 81.1 kg	108 lbs / 49 kg	91.5 lbs / 41.5 kg
	Shipping Dimensions (W x H x D)	93.0 x 54.6 x 16.5 in / 2,362 x 1,386 x 420 mm	81.6 x 49.6 x 11.5 in / 2,073 x 1,260 x 292 mm	71.5 x 44.2 x 8.98 in / 1,816 x 1,123 x 228 mm
	Packed Weight	262.4 lbs / 119 kg	134.7 lbs / 61.1 kg	108 lbs / 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 15x15), Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP 1.4, Control Manager, DPM, Smart Energy Saving, Wake on LAN, Crestron Connected® ¹⁾ , Cisco Compatibility ²⁾ , Beacon, HDMI-CEC ³⁾ , SI Server Setting, webRTC			
Environment Conditions	Operation Temperature	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%
Power	Power Supply	100-240 Vac, 50/60Hz		100-240 Vac, 50/60Hz
	Power Type	Built-In Power		Built-In Power
	Power Consumption	315 W / 415 W		250 W / 345 W
Sound	Smart Energy Saving	221 W		112 W
	Built-in Speakers	10W x 2		10W x 2
Certification	Safety	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
	ErP / Energy Star	Yes (EU Only) / N/A		Yes (EU Only) / Yes (Energy Star 7.0)
Media Player Compatibility	OPS Connector Compatible	No		Yes
	External Media Player Attachable	Yes		Yes
Software Compatibility	Content Management Software	SuperSign CMS		SuperSign CMS
	Control and Monitoring Software	SuperSign Control/Control+		SuperSign Control/Control+
	Signage365Care ⁴⁾	Yes		Yes
Warranty & Other	Warranty	3 Year Limited Warranty		3 Year Limited Warranty
	UPC	TBD		7 19192 62493 1
	Basic Accessories	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
	Optional Accessories	No		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.