

# Vitalize True Colors of UHD Content in a Smart Way

## UM3E Series

As an Ultra HD large display, the UM3E series delivers content in a fine detail with vivid colors enough to captivate numerous viewers. Equipped with high compatibility and intuitive user interface, the product allows you to easily connect and coordinate other devices or to manage content in a meeting room or in retail stores.



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## UM3E Series

### Superior Picture Quality

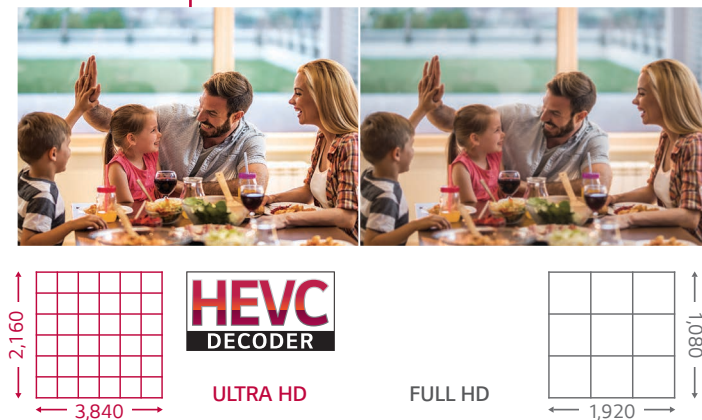
#### True Color, Immersive View

The UM3E series is large enough to display content and get undivided attention from various viewers. LG IPS panel features a wide range of angle to deliver clear content regardless of the position of viewers. Each pixel in the IPS panel reproduces image colors true-to-life, without distortion.



#### Vivid Color Details with Ultra HD

The UHD resolution allows users to view details even when zooming in on the display, with four times higher definition than FHD. The UM3E ensures stable UHD video playback with HEVC (High Efficiency Video Coding).





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## UM3E Series

### Powerful webOS Smart Signage Platform

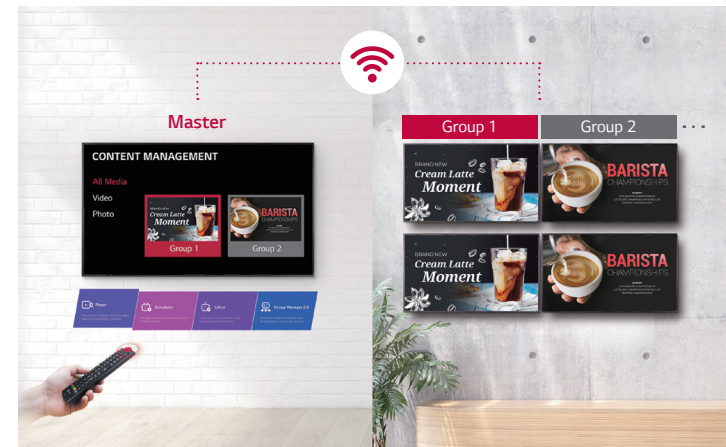
#### Easy Content Management

The embedded CMS (Content Management System) allows you to create and edit content using internal/external sources as well as set playlists to play at the desired schedule without the need for a separate PC. Thanks to the intuitive GUI and a menu structure based on usage scenarios, content management has been made much easier.



#### Simple Group Management

The embedded Group Manager makes a master display work as a server and manage other displays<sup>1</sup> connected on the same network. This way you can group and control multiple displays in your place of business and distribute playlists to them all at once, using input devices such as a remote control.



1) One master display can create a max. of 25 groups, and each group can consist of a max. of 12 slave displays.

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## UM3E Series

### Powerful webOS Smart Signage Platform

#### 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 of ownership is more affordable because no need to purchase additional software or media players for creating value-added solutions.



#### Multi Screen Mode

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.



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## UM3E Series

### Easy Maintenance

#### Real-Time Monitoring & Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple 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.



#### Real-time Care Service

The maintenance gets easier and faster with an optional service Signage 365 Care, a cloud service solution provided by LG service. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.



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## UM3E Series

### Wireless Solution

#### 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 UM3E series operates as a virtual router which can be an wireless access point for mobile devices.





## Vitalize True Colors of UHD Content in a Smart Way

### UM3E Series

#### High Compatibility

##### Compatibility with AV Control System

The UM3E series has been certified Crestron Connected® for a higher level of compatibility with professional AV controls to achieve seamless integration and automated control<sup>1)</sup>, boosting business management efficiency.



1) Network based control

##### Compatibility with Video Conference System

For the optimum visual meeting, the UM3E has certified its compatibility with Cisco Spark Room Kits, a system that offers powerful and integrated control<sup>1)</sup> for a smarter video conference, eliminating a waste of time to set up the picture quality or to change input on incoming calls.



1) The integrated control of the display and Cisco system is enabled through the HDMI cable connection.

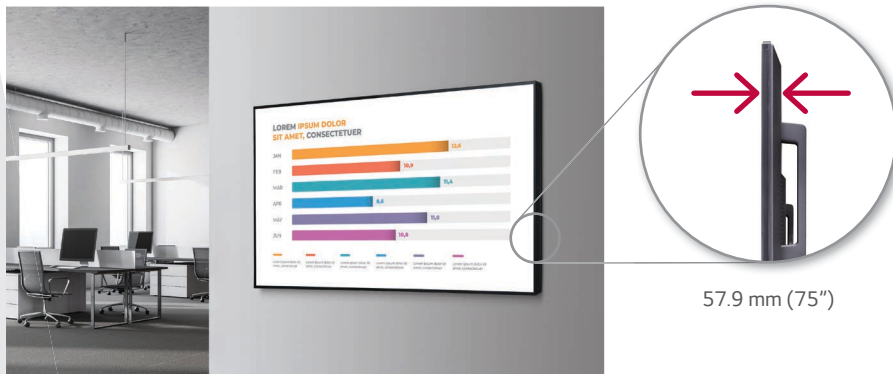
## Vitalize True Colors of UHD Content in a Smart Way

### UM3E Series

#### Space-efficient Design

##### Slim and Tidy in Appearance

Although UM3E series is a large-sized display, the product still has a slim depth, a feature that allows easy installation by using less space. An immersive view is attained while maintaining a sleek look.



##### Detachable Logo & Built-in Speaker

The detachable logo allows for installation in the desired orientation in landscape or portrait mode, making it easy for the user to arrange the signage. Also, sounds can be played from built-in speakers, giving advertisements greater impact.



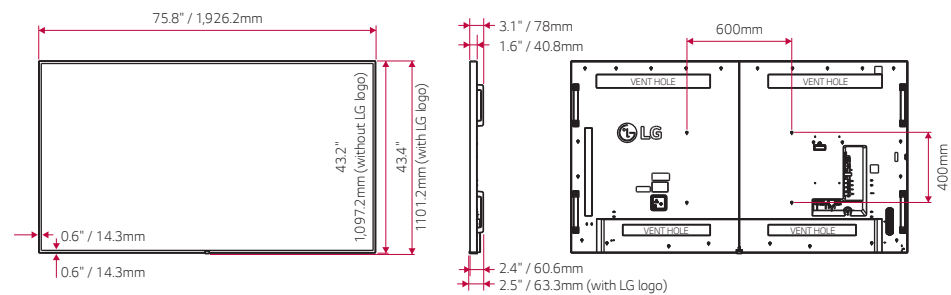
Detachable Logo

Built-in Speaker

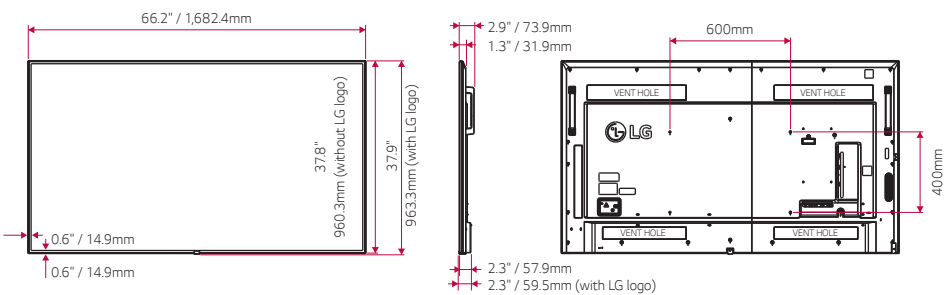


Dimensions

86"

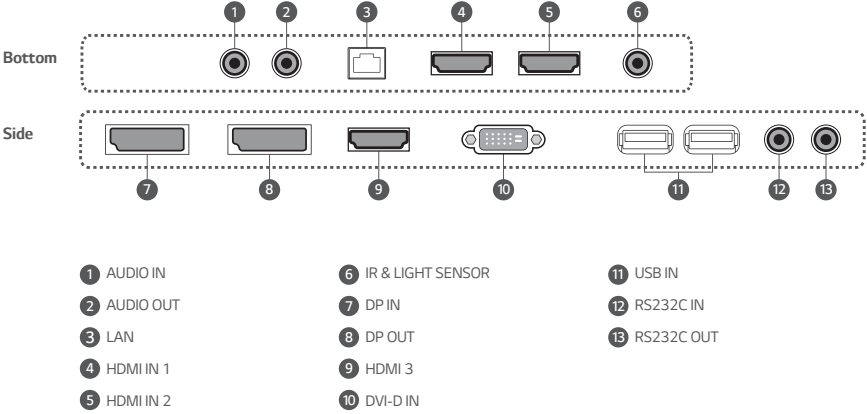


75"

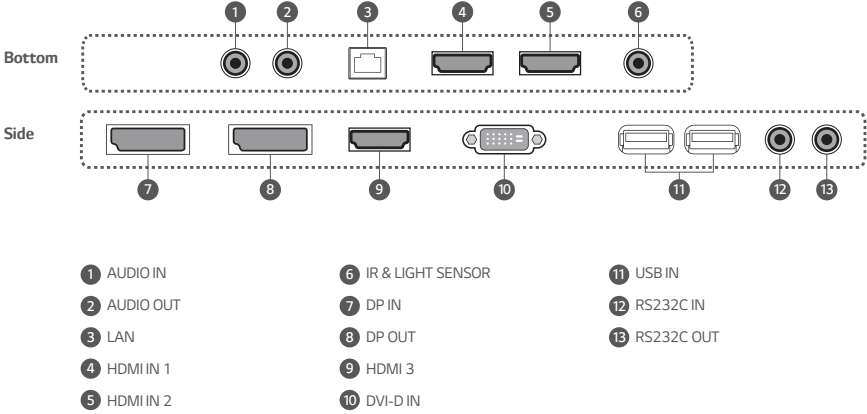


Connectivity

86"



75"



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

# Specifications

		86UM3E	75UM3E
PANEL	MODEL	86UM3E	75UM3E
	Screen Size	86	75
	Panel Technology	IPS	IPS
	Back Light Type	Edge	Edge
	Aspect Ratio	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	240Hz	120Hz
	Brightness (Typical)	350 nits	350 nits
	Contrast Ratio	1,200:1	1,200:1
	Dynamic CR	500,000:1	2,000,000:1 (DTV Label only)
	Color gamut	NTSC: 72%	NTSC: 72%
	Viewing Angle (H x V)	178° x 178°	178° x 178°
	Color Depth	10BIT, 1.07 Billion	10BIT, 1.06 Billion
	Response Time (G to G)	8 ms	6 ms
	Surface Treatment (Haze)	Haze 3%	Haze 3%
	Life time (Typical)	30,000 Hrs	50,000 Hrs
	Operation Hours	16 Hrs	24 Hrs
	Orientation	Landscape	Portrait & Landscape
	Overlay Touch Compatibility	No	Yes
INPUT	HDMI	Yes (3), HDCP2.2	Yes (3), HDCP2.2
	Digital DP	Yes (1), HDCP1.3	Yes (1), HDCP1.3
	DVI-D	Yes (1)	Yes (1)
	Analog RGB	No	No
	Audio In	Yes (1)	Yes (1)
	External Control RS232C IN	Yes (1)	Yes (1)
	RJ45(LAN)	Yes (1)	Yes (1)
	IR IN	Yes (1)	Yes (1)
	Pixel Sensor	No	No
	USB	Yes (2), USB2.0	Yes (2), USB2.0
OUTPUT	SD Card(SDHC/Full Size)	No	No
	HDMI Out	No	No
	DP Out	Yes (1)	Yes (1)
	Audio Out	Yes (1, Off/Fixed/Variable)	Yes (1, Off/Fixed/Variable)
	External Speaker Out	No	No
MECHANICAL SPECIFICATION	External Control RS232C OUT	Yes (3.5mm)	Yes (3.5mm)
	RJ45(LAN)	No	No
	Bezel Color	Black	Black
	Bezel Width (On Bezel)	15.6 mm (On) / 14.3 mm (Off)	15.9 mm (On) / 14.9 mm (Off)
	Monitor Dimensions (W x H x D)	"1926.2mm x 1097.2mm x 60.6mm (without handle) "	"1682.4mm x 960.3mm x 57.9mm (without handle, without LG logo) "
	Weight(Head)	49 kg	41.5 kg
	Carton Dimensions (W x H x D)	2073mm x 1260mm x 292mm	1816mm x 1123mm x 228mm
	Packed Weight	61.1 kg	49 kg
	Handle	Yes	Yes
	VESA™ Standard Mount Interface	600 x 400	600 x 400
HARDWARE	Internal Memory	8GB (System 4GB + Available 3.6GB)	8GB (System 4GB + Available 3.6GB)
	Wi-Fi Built-in	Yes	Yes
	Sensors Temperature Sensor	Yes	Yes
	Auto Brightness sensor	Yes	Yes
	Current Sensor	Yes	Yes
SOUND	Local Key Operation	Yes	Yes
	Speaker	Built in	Built in
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	NA/NA	NA/EPA7.0
Media Player Compatibility	OPS type compatible	Yes	Yes
	External Media player Attachable	Yes	Yes
Language	Languages	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek	

		86UM3E	75UM3E
Software	webOS ver.	webOS 4.0	webOS 4.0
	Embedded CMS	Yes	Yes
	USB Auto Playback	Yes	Yes
	Local Contents Scheduling	Yes	Yes
	Group Manager	Yes	Yes
	Fail over	Yes	Yes
	Booting Logo	Yes	Yes
	Image Customization	Yes	Yes
	No Signal	Yes	Yes
	Content Sync.	Yes	Yes
	RS-232C	Yes	Yes
	Local Network	Yes	Yes
	PIP	Yes	Yes
	Multi-screen	Yes (4)	Yes (4)
	PBP	Yes	Yes
	Screen Share	Yes	Yes
	Video Tag	Yes (2)	Yes (2)
Environment Conditions	Play via URL	Yes	Yes
	OSD Rotation	Yes	Yes
	Lock mode	Yes	Yes
	Content Rotation	Yes	Yes
	Gapless Playback	Yes	Yes
	Tile Mode Setting	Yes (Max 15x15)	Yes (Max 15x15)
	Setting Data Cloning	Yes	Yes
	Firmware Update by Network	Yes	Yes
	SNMP	Yes (Ver. 1.4)	Yes (Ver. 1.4)
	ISM Mode (Image Sticking Minimization)	Yes	Yes
	Auto Set ID	Yes	Yes
	Status Mailing	Yes	Yes
	Control Manager	Yes	Yes
	3rd Party	Yes	Yes
	Crestron Connected	Yes	Yes
	DPM	Yes	Yes
	On/Off Schedule	Yes	Yes
Power	Holiday Schedule	Yes	Yes
	Power on Status	Standby, PWR, LST	Standby, PWR, LST
	Energy Saving	Yes	Yes
	Smart Energy Saving	Yes	Yes
	PM mode	Yes	Yes
	Wake on LAN	Yes	Yes
	Power on Delay	Yes	Yes
	Daylight Saving Time	Yes	Yes
	Beacon	Yes	Yes
	HDMI-CEC	Yes	Yes
ELECTRICAL	SI Server Setting	Yes	Yes
	webRTC	Yes	Yes
	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 Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Power (Typical)	315 W	160 W
	Power (Max)	345 W	185 W
	Smart Energy Saving	220.5 W	112 W
	DPM	0.5 W	0.5 W
Software Compatibility	Power off	0.5 W	0.5 W
	SuperSign CMS	Yes	Yes
	SuperSign Control / Control+	Yes	Yes
	SuperSign White Balance	Yes (Sensor required)	Yes (Sensor required)
	Signage 365 Care	Yes	Yes
Accessories & Other	Accessories	Remote Controller(include battery 2ea), Power Cord, QSG, DP Cable(1.8M), Regulation Book, Phone to RS232C Gender	
	Warranty	3 Year Limited	3 Year Limited
	UPC	7 19192 62493 1	