

Vitalize True Colors of UHD Content in a Smart Way

UM3E

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 GUI, the product will not cause any wasted time to connect and coordinate other devices or to manage content in a meeting room or in retail stores.



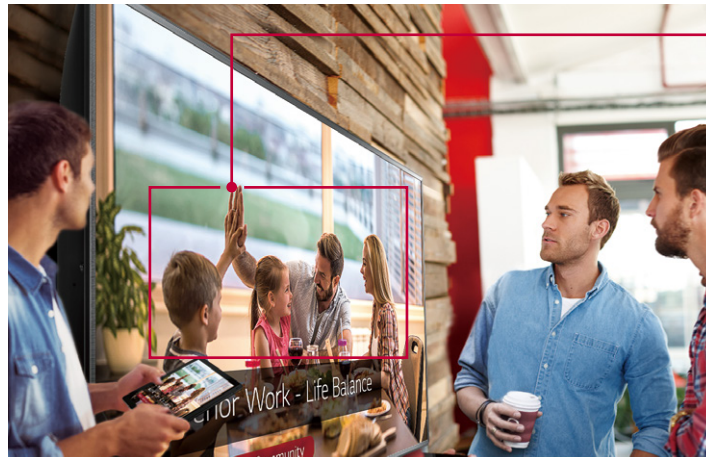
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UM3E

Superior Picture Quality

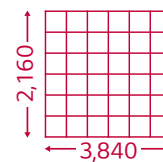
True Color, Immersive View

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

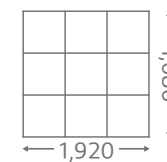
The UHD resolution allows users to view details even when zooming in on the display, with four times higher definition than FHD. The UM3E ensures stable UHD video playback with HEVC (High Efficiency Video Coding).



HEVC
DECODER

ULTRA HD

FULL HD



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UM3E

Powerful webOS Smart Signage Platform

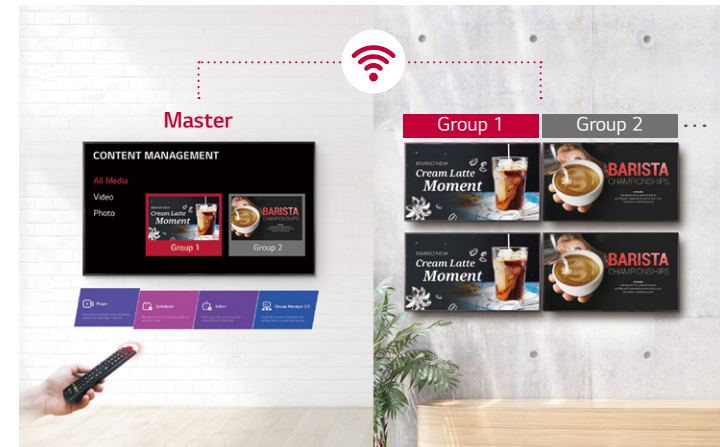
Easy Content Management

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 ¹⁾ 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.

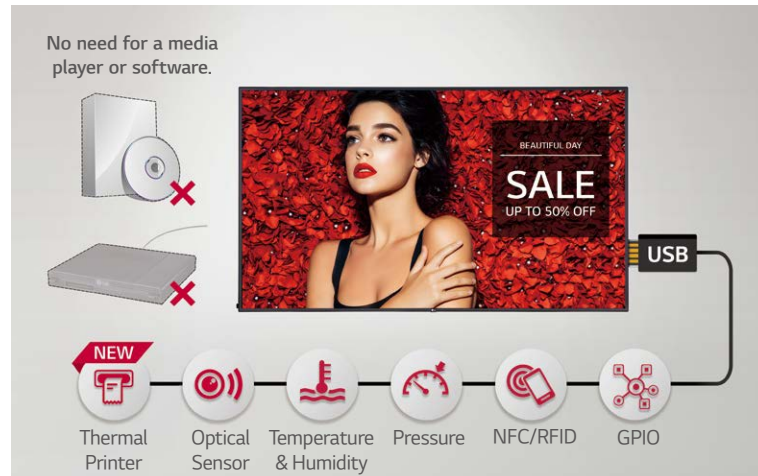
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UM3E

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 reduced as there's 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 upto 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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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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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.



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UM3E

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 ¹⁾, 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 ¹⁾ 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.

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UM3E

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.

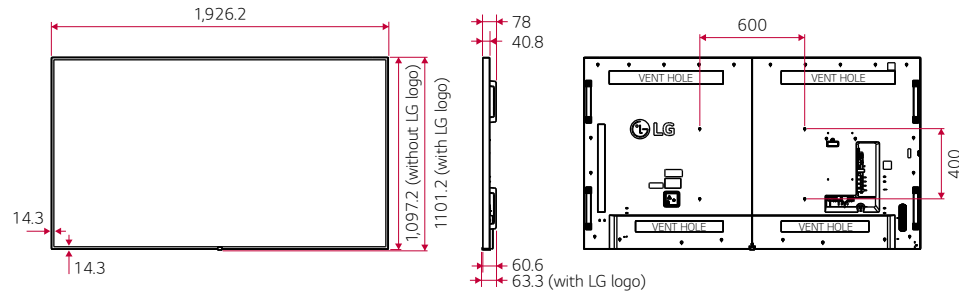


Detachable Logo

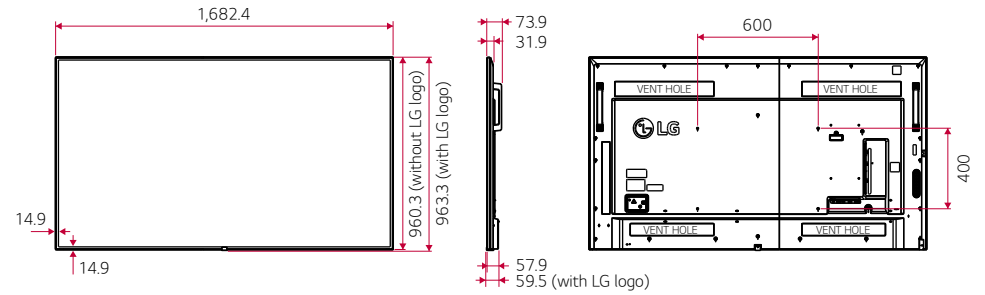
Built-in Speaker

Dimension (Unit: mm)

86"

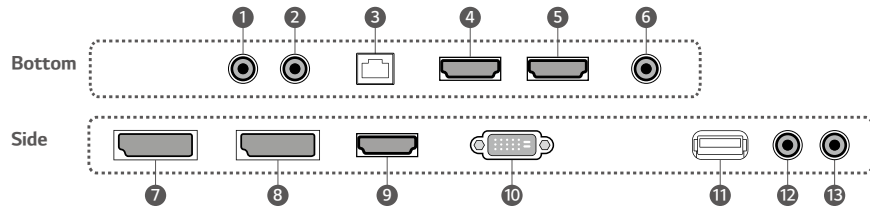


75"



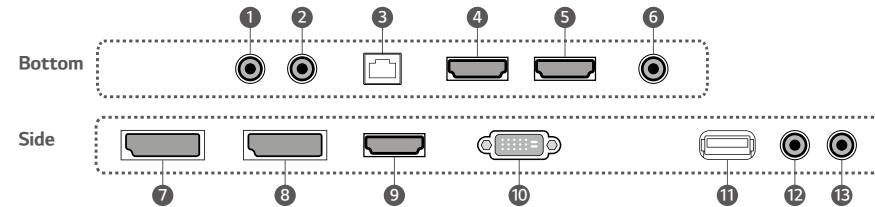
Connectivity

86"



- | | | |
|-------------|---------------------|--------------|
| ① AUDIO IN | ⑥ IR & LIGHT SENSOR | ⑪ USB IN |
| ② AUDIO OUT | ⑦ DP IN | ⑫ RS232C IN |
| ③ LAN | ⑧ DP OUT | ⑬ RS232C OUT |
| ④ HDMI IN 1 | ⑨ HDMI 3 | |
| ⑤ HDMI IN 2 | ⑩ DVI-D IN | |

75"



- | | | |
|-------------|---------------------|--------------|
| ① AUDIO IN | ⑥ IR & LIGHT SENSOR | ⑪ USB IN |
| ② AUDIO OUT | ⑦ DP IN | ⑫ RS232C IN |
| ③ LAN | ⑧ DP OUT | ⑬ RS232C OUT |
| ④ HDMI IN 1 | ⑨ HDMI 3 | |
| ⑤ HDMI IN 2 | ⑩ DVI-D IN | |

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

Specifications

		86UM3E	75UM3E
PANEL	Screen Size	86"	75"
	Panel Technology	IPS	IPS
	Aspect Ratio	16:9	16:9
	Native Resolution	3,840 x 2,160	3,840 x 2,160
	Brightness (Typ.)	350 cd/m ²	350 cd/m ²
	Contrast Ratio	1,200:1	1,200:1
	Dynamic CR	500,000:1	2,000,000:1 (DTV Label only)
	Viewing Angle (H x V)	178 x 178	178 x 178
	Response Time	8ms (G to G)	6ms (G to G)
	Surface Treatment (Haze)	Haze 3%	Haze 3%
	Life Time (Typ.)	30,000Hrs	50,000Hrs
Operation Hours	16Hrs	24Hrs	
Orientation	Landscape	Landscape & Portrait	
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, RJ45 In, IR In	RS232C In/out, RJ45 In, IR In
PHYSICAL SPECIFICATION	Bezel Color	Black	Black
	Bezel Width	14.3 mm (Even)	14.9mm (Even)
	Monitor Dimension (W x H x D)	1,926.2 x 1097.2 x 60.6 mm (w/o Handle and Logo)	1,682.4 x 960.3 x 57.9 mm (w/o Handle and Logo)
	Weight (Head)	49 kg	41.5 kg
	Carton Dimensions (W x H x D)	2,073 x 1,260 x 292 mm	1,816 x 1,123 x 228 mm
	Packed Weight	61.1 kg	49 kg
VESA™ Standard Mount Interface	600 x 400 mm	600 x 400 mm	
SPECIAL FEATURES	Internal Memory (System 4GB + Available 3.6GB), Wi-Fi Built-in, Temperature Sensor, Auto Brightness Sensor, webOS 4.0, 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, Play via URL, Content Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning (RS232C, Network, USB), Firmware Update by Network, SNMP, ISM Mode, Control Manager, Crestron Connected ^{® 1)} , Cisco Compatibility ²⁾ , DPM, Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC ³⁾ , SI Server Setting, webRTC		
ENVIRONMENT CONDITIONS	Operation Temperature Range	0°C to 40°C	0°C to 40°C
	Operation Humidity Range	10% to 80%	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Power Consumption	Typ. 315 W Max. 345 W	160 W 185 W
STANDARD (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	N/A / N/A	N/A / Energy Star 7.0 (TBD)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes
	External Media Player Attachable	Yes	Yes
SOFTWARE COMPATIBILITY ⁴⁾	Content Management Software	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control+/Control	SuperSign Control+/Control
ACCESSORIES	Basic	Remote Controller (2ea Batteries Included), Power Cord, QSG, DP Cable (1.8M), Regulation Book, Phone to RS232C Gender	
	Optional	Media Player, OPS Kit (KT-OPSA), Wall Mount (LSW640A/B)	Media Player, OPS Kit (KT-OPSA), Wall Mount (LSW640A/B)

1) The network based control 2) The HDMI connection based 3) Compatibility may differ by equipment 4) Software compatibility may change over time. Please contact LG sales representative for details.



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