

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.



* All images used are for illustrative-purposes only

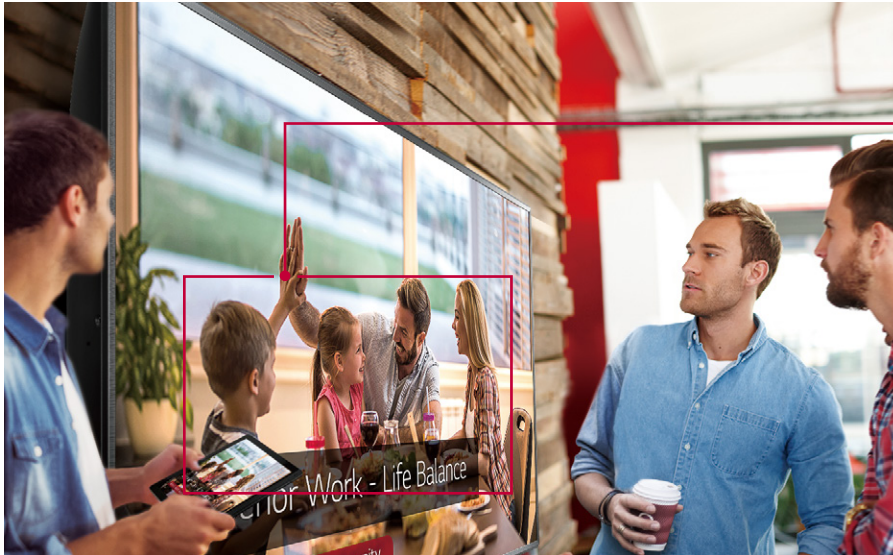
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UM3E

SUPERIOR PICTURE QUALITY

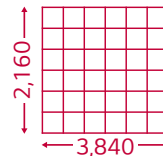
True Color, Immersive View

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.



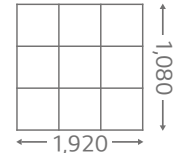
Vivid Color Details with Ultra HD

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

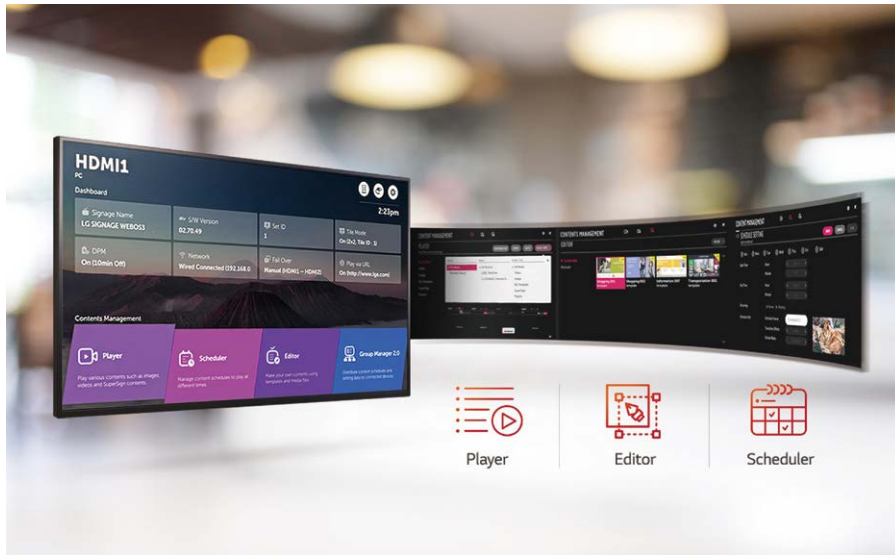
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UM3E

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* 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.



* Available for LG webOS digital signages (webOS 3.0 or higher).

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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.



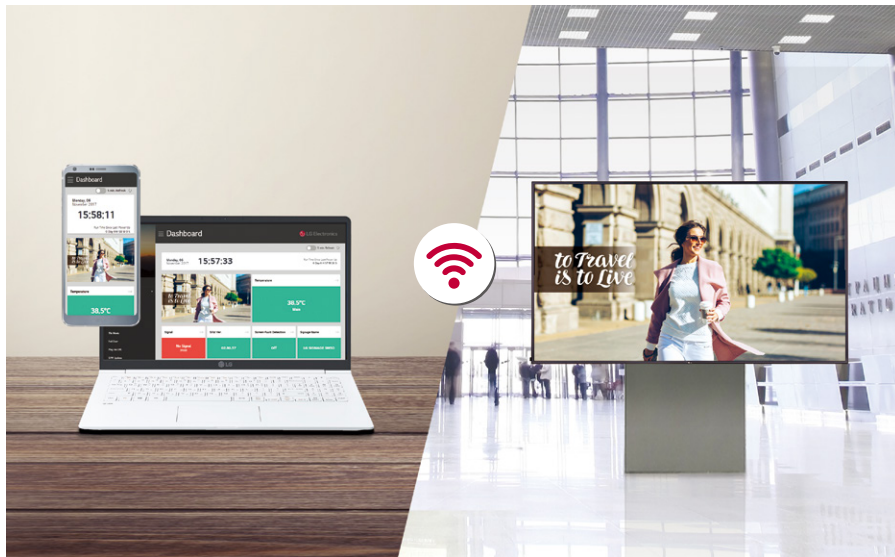
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EASY MAINTENANCE

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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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*, boosting business management efficiency.



* 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* for a smarter video conference, eliminating a waste of time to set up the picture quality or to change input on incoming calls.



* Using an HDMI cable connection

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SPACE-EFFICIENT DESIGN

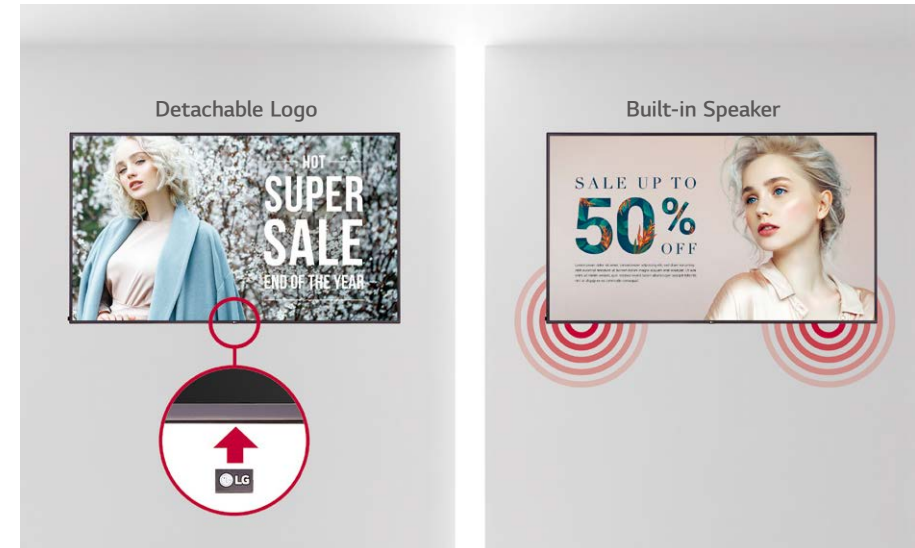
Slim and Tidy in Appearance

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.



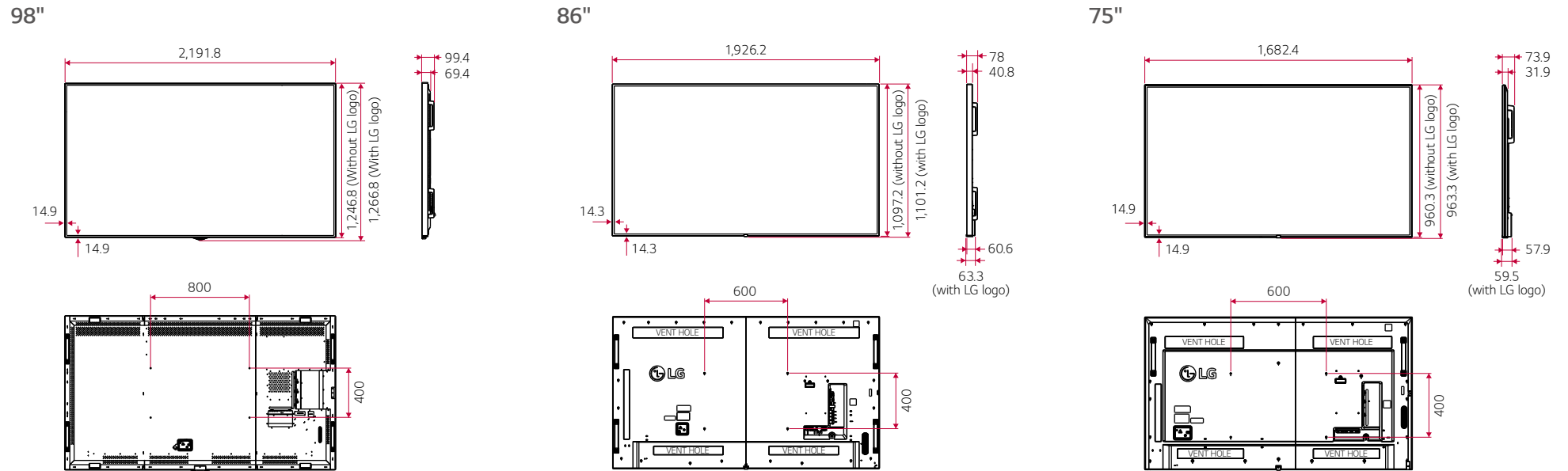
Detachable Logo & Built-in Speaker

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.

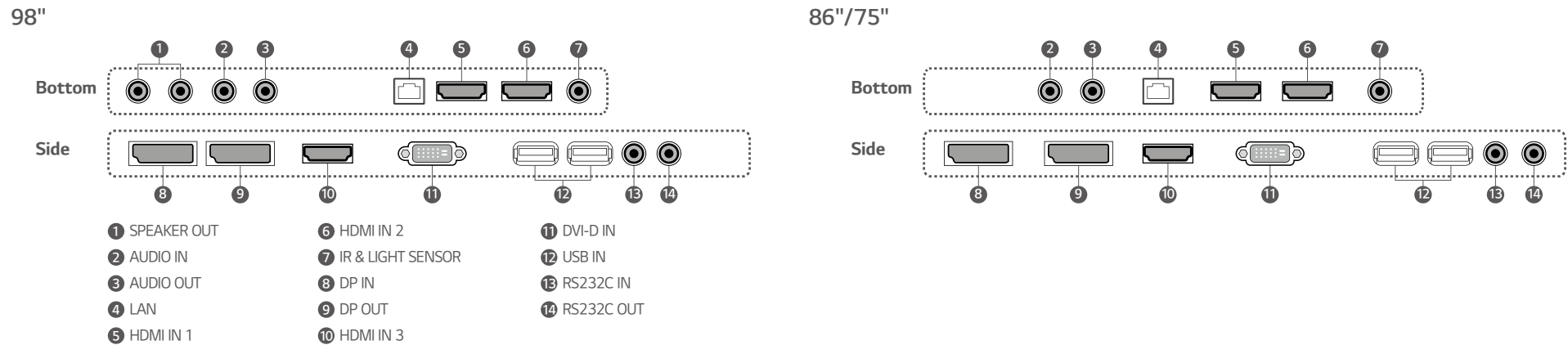


* Except 98"

Dimension (unit: mm)



Connectivity



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

Specifications

		98UM3E	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)
	Brightness (Typ.)	350 cd/m ²	350 cd/m ²	350 cd/m ²
	Contrast Ratio	1,300:1	1,200:1	1,200:1
	Dynamic CR	500,000:1	500,000:1	2,000,000:1 (DTV Label only)
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8 ms (G to G)	8 ms (G to G)	6 ms (G to G)
	Surface Treatment (Haze)	Haze 1%	Haze 3%	Haze 3%
	Life Time (Typ.)	50,000 Hrs	50,000 Hrs	50,000 Hrs
Operation Hours	24 Hrs	16 Hrs	24 Hrs	
Orientation	Landscape & Portrait	Landscape	Landscape & Portrait	
CONNECTIVITY	Input	HDMI (3), DP, DVI-D, Audio, USB (2)	HDMI (3), DP, DVI-D, Audio, USB (2)	HDMI (3), DP, DVI-D, Audio, USB (2)
	Output	DP, Audio, External Speaker	DP, Audio	DP, Audio
	External Control	RS232C In/out, RJ45 (LAN) In, IR In	RS232C In/out, RJ45 (LAN) In, IR In	RS232C In/out, RJ45 (LAN) In, IR In
PHYSICAL SPECIFICATION	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even)	14.3 mm (Even)	14.9 mm (Even)
	Monitor Dimension (W x H x D)	2,191.8 x 1,246.8 x 69.4 mm (without Handle)	1,926.2 x 1,097.2 x 60.6 mm (without Handle and LG Logo)	1,682.4 x 960.3 x 57.9 mm (without Handle and LG Logo)
	Weight (Head)	88 kg	49 kg	41.5 kg
	Carton Dimensions (W x H x D)	2,342 x 1,386 x 402 mm	2,073 x 1,260 x 292 mm	1,816 x 1,123 x 228 mm
	Packed Weight	123 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
SPECIAL FEATURES	Internal Memory (System 4GB + Available 3.6GB), Wi-Fi Built-in, Temperature Sensor, Auto Brightness Sensor, USB Auto Playback, Local Contents Scheduling, Group Manager, Fail Over, Image Customization (Bootling 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	0°C to 40°C
	Operation Humidity Range	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	250 W / 345 W	160 W / 185 W
	Smart Energy Saving	220.5 W	175 W	112 W
STANDARD (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	N/A / N/A	N/A / N/A	N/A / 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
ACCESSORIES	Basic	Remote Controller, Power Cord, QSG, IR/Light Sensor Receiver, DP Cable, Regulation Book, Phone to RS232C Gender, EYE-BOLT	Remote Controller, Power Cord, QSG, DP Cable, Regulation Book, Phone to RS232C Gender	Remote Controller, Power Cord, QSG, DP Cable, Regulation Book, Phone to RS232C Gender
	Optional	Speaker (SP-2200)	Media Player, OPS Kit (KT-OPSA), LSW640A/B (Wall Mount)	Media Player, OPS Kit (KT-OPSA), LSW640A/B (Wall Mount)

1) The network based control 2) The HDMI connection based 3) Compatibility may differ by equipment



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