


* All images are for illustrative purposes only.

UHD Signage UL3G Series

LG UHD Signage

4K UHD Superb Picture Quality

 webOS Smart Platform

 Meeting Room Solution

 Convenient Maintenance

FULL HD

ULTRA HD



H.264

HEVC

ULTRA HD Resolution

With resolution that is 4 times higher than Full HD, Ultra HD makes the color and details of the content more vivid and realistic. In addition, the wide viewing angle enabled by the LG IPS Panel,* provides clear content with no distortion.

High Efficiency Video Coding

The UL3G series supports HEVC which efficiently compresses / decompresses high-capacity UHD content, playing ultra-high quality videos with half the network traffic of the existing H.264 codec.



High Performance SoC with webOS

The UL3G's built-in System on Chip (SoC) can execute several tasks at once while providing smooth content playback without the need for a media player. Also, the LG webOS smart signage platform has a convenient user interface and simple app development tools.

Various Sensor Applications

The LG webOS smart signage platform easily supports connections with external sensors via USB plug-in. No additional software or media players are needed.



Content Sharing

Content Mirroring among devices is available via Wi-Fi network.

Real-time Promotion

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

Wireless Solution

The UL3G series operates as a virtual router which can be a wireless access point for mobile devices.

* All sizes except 50 inch.



Compatibility with AV Control System

The UL3G series has been certified Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and network-based control, boosting business management efficiency.



Compatibility with Conferencing System

The UL3G is compatible with Cisco conferencing systems that offer powerful HDMI-based control for a smarter video conference experience that avoids wasted time setting up the picture or input settings.



Remote Monitoring and Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple UL3G 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.



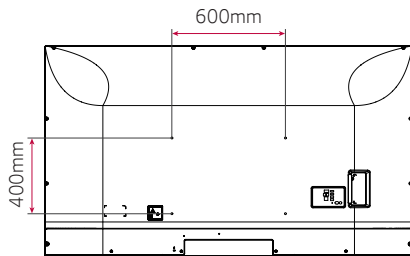
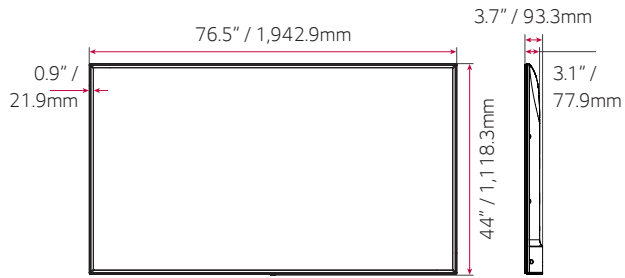
Real-time Care Service with LG Signage365Care

Maintenance gets easier and faster with an optional service Signage365Care*, an optional 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.

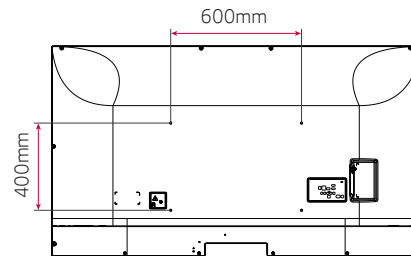
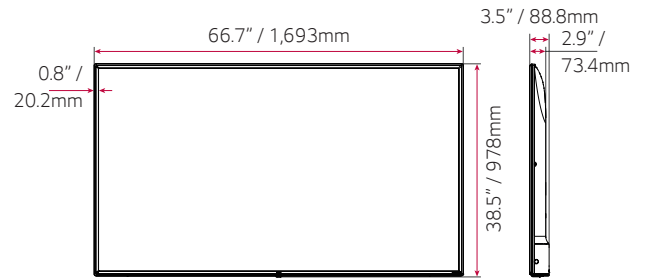
* The availability of "Signage365Care" service can differ by region, so please contact the LG sales representative in your region for further details.

DIMENSIONS (86" / 75" / 65")

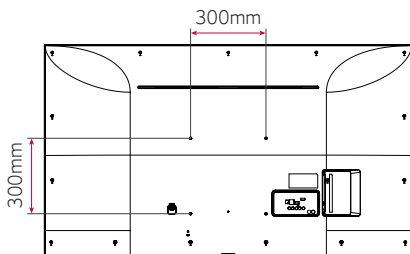
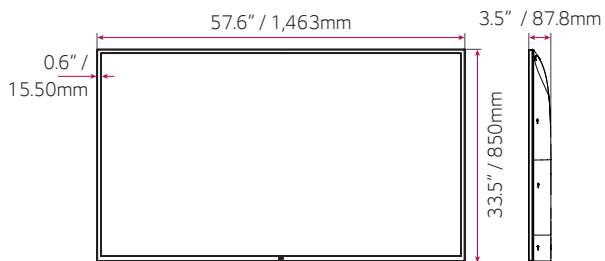
86"



75"



65"

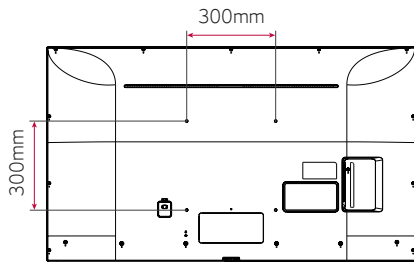
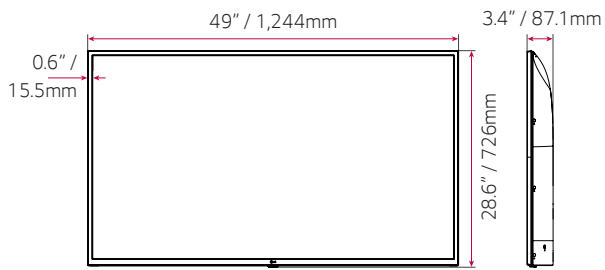


SPECIFICATIONS

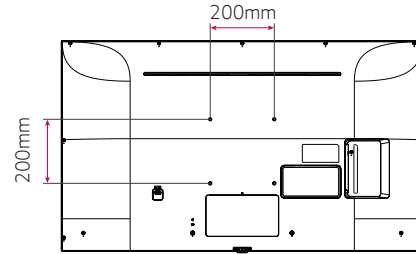
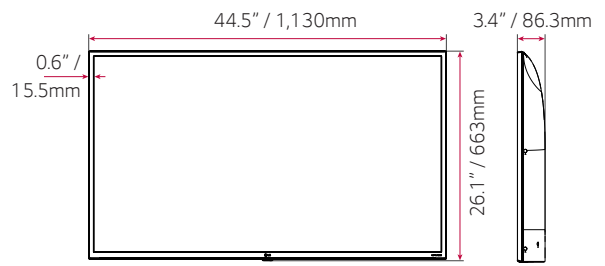
PANEL	MODEL NAME	86UL3G	75UL3G	65UL3G
	Screen Size	86"	75"	65"
	Panel Technology	IPS	IPS	IPS
	Back Light Type	Direct	Direct	Direct
	Aspect Ratio	16:9	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	120 Hz	60 Hz	60 Hz
	Brightness (Typ)	350 nits	350 nits	400 nits
	Contrast Ratio	1,400:1	1,200:1	1,200:1
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1
	Color gamut	DCI 82%	DCI 82%	DCI 80%
	Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°
	Color Depth	1.07 Billion colors (10 bit)	1.07 Billion colors (8 bit + FRC)	1.07 Billion colors (8 bit + FRC)
	Response Time (G to G)	5 ms	8 ms	8 ms
	Surface Treatment (Haze)	3%	1%	1%
	Lifetime (Min)	30,000 Hrs	30,000 Hrs	30,000 Hrs
	Operation Hours (Hours/Day)	16/7	16/7	16/7
	Portrait / Landscape	Landscape only	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Digital	HDMI Yes (3), HDCP2.2/1.4	Yes (3), HDCP2.2/1.4	Yes (3), HDCP2.2/1.4
	External Control	RS232C IN RJ45(LAN)	Yes (1), 4-pin RJ11	Yes (1), 4-pin RJ11
	USB	USB2.0 Type A (2)	Yes (1)	Yes (1)
	Audio Out	Yes (1)	Yes (1)	Yes (1)
	External Control	RS232C OUT	Yes (1), 4-pin RJ11	Yes (1), 4-pin RJ11
MECHANICAL	Bezel Color	Dark Meteo Titan	Dark Meteo Titan	Ceramic Black
	Bezel Width	21.9 mm Even Bezel	R / L / T: 20.2mm, B: 21.5mm	R / L / T: 15.5mm, B: 22.3mm
	Weight(Head)	97.4 lbs / 44.2 kg	76.3 lbs / 34.6 kg	47.0 lbs / 21.3 kg
	Weight(Head+Stand)	99.2 lbs / 45.0 kg	78.0 lbs / 35.4 kg	47.6 lbs / 21.6 kg
	Packed Weight	130.1 lbs / 59.0 kg	100.8 lbs / 45.7 kg	62.6 lbs / 28.4 kg
	Dimensions (W x H x D) Depth: Front to VESA	76.5 x 44.0 x 3.1 in / 1943 x 1118 x 77.9 mm	66.7 x 38.5 x 2.9 in / 1693 x 978 x 73.4 mm	57.6 x 33.5 x 3.5 in / 1463 x 850 x 87.8 mm
	Dimensions (W x H x D) Depth: Front to Lower Back Speaker	76.5 x 44.0 x 3.7 in / 1943 x 1118 x 93.3 mm	66.7 x 38.5 x 3.5 in / 1693 x 978 x 88.8 mm	Same as above
	Monitor Dimensions with Stand (W x H x D)	76.5 x 44.0 x 13.6 in / 1943 x 1188 x 345 mm	66.7 x 41.3 x 13.6 in / 1693 x 1048 x 345 mm	57.6 x 36.0 x 10.6 in / 1463 x 914 x 269 mm
	Shipping Dimensions (W x H x D) (Box outer size)	83.3 x 49.6 x 11.2 in / 2116 x 1261 x 285 mm	71.8 x 43.9 x 9.1 in / 1823 x 1116 x 231 mm	63.0 x 38.2 x 7.5 in / 1600 x 970 x 190 mm
	VESA/MTM Standard Mount Interface	600 x 400	600 x 400	300 x 300
	Built-in Speaker	Yes	Yes	Yes
FEATURES	Internal Memory	8GB	8GB	8GB
	Wi-Fi	Built-in	Yes	Yes
	Sensor	Temperature Sensor	Yes	Yes
		Auto Brightness sensor	Yes	Yes
	Local Key Operation	Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)
	webOS ver.	webOS 4.1	webOS 4.1	webOS 4.1
	Embedded CMS	Local Contents Scheduling Group Manager	Yes	Yes
	USB Plug & Play	Yes	Yes	Yes
	Fail over	Yes	Yes	Yes
	Background Image	Bootting Logo Image	Yes	Yes
		No Signal Image	Yes	Yes
	Sync Mode	RS-232C Sync	Yes	Yes
		Local Network Sync	Yes	Yes
	Screen Share	Yes	Yes	Yes
	Video Tag	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)
	Play via URL	Yes	Yes	Yes
	Rotation	Screen Rotation	No	Yes
		External Input Rotation	No	Yes
	Gapless Playback	Yes	Yes	Yes
	Setting Data Cloning	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes
	ISM Method	Yes	Yes	Yes
	Auto Set ID	Yes	Yes	Yes
	Status Mailing	Yes	Yes	Yes
	Control Manager	Yes	Yes	Yes
	3rd Party Compatibility	Crestron Inside	Yes	Yes
	Smart Energy Saving	Yes	Yes	Yes
	PM mode	Yes	Yes	Yes
	Wake on LAN	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes
	HDMI-CEC	Yes	Yes	Yes
	SI Server Setting	Yes	Yes	Yes
	webRTC	Yes	Yes	Yes
	ProIdiom	Yes	Yes	Yes
	Operation Temperature	32°F to 104°F / 0°C to 40°C	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%	10% to 80%
	POWER	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
Power Type		Built-In Power	Built-In Power	Built-In Power
Typ.		240W	155W	130W
Max.		325W	240W	185W
BTU (British Thermal Unit)		819BTU/Hr (Typ.), 1109BTU/Hr (Max.)	529 BTU/Hr (Typ.), 819 BTU/Hr (Max)	444 BTU/Hr (Typ.), 632 BTU/Hr (Max)
Smart Enegy Saving		168W	108.5W	91W
DPM		0.5W	0.5W	0.5W
Power off	0.5W	0.5W	0.5W	
SOFTWARE COMPATIBILITY	SuperSign CMS	Yes	Yes	Yes
	SuperSign Control / Control+	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign WB	Yes	Yes	Yes
	SuperSign Media Editor	Yes	Yes	Yes
	Signage 365 Care	Yes	Yes	Yes
WARRANTY & OTHER"	FCC (EMC) Certification	Class A	Class A	Class A
	ErP (Environmental) Certification	Yes	Yes	Yes
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited
	Accessories	Remote Control (Battery 2ea), Power Cord, Regulation Book, Phone to D-Sub9 Gender, Stand, Cable Holder		

DIMENSIONS (55" / 50" / 43")

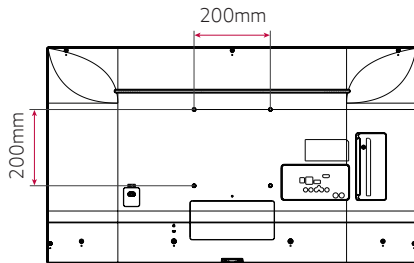
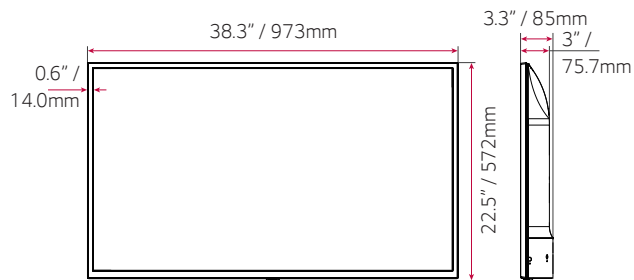
55"



50"



43"

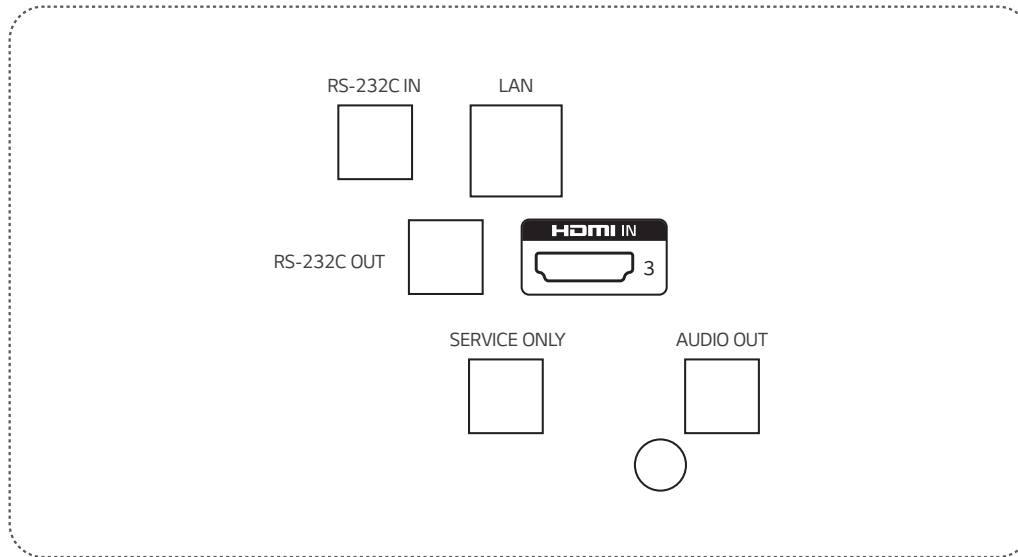


SPECIFICATIONS

PANEL	MODEL NAME	55UL3G	50UL3G	43UL3G	
	Screen Size	55"	50"	43"	
	Panel Technology	IPS	LCD	IPS	
	Back Light Type	Direct	Direct	Direct	
	Aspect Ratio	16:9	16:9	16:9	
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	
	Refresh Rate	60 Hz	60 Hz	60 Hz	
	Brightness (Typ)	400 nits	350 nits	300 nits	
	Contrast Ratio	1,200:1	5,000:1	1,200:1	
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1	
	Color gamut	DCI 80%	DCI 80%	DCI 80%	
	Viewing Angle(H x V)	178° x 178°	178° x 178°	178° x 178°	
	Color Depth	16.7 Million colors (8 bit)	1.07 Billion colors (8 bit + FRC)	16.7 Million colors (8 bit)	
	Response Time (G to G)	8 ms	9.5 ms	8 ms	
	Surface Treatment (Haze)	1%	1%	1%	
	Lifetime (Min)	30,000 Hrs	30,000 Hrs	30,000 Hrs	
	Operation Hours (Hours/Day)	16/7	16/7	16/7	
	Portrait / Landscape	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape	
CONNECTIVITY	Digital	HDMI	Yes (3), HDCP2.2/1.4	Yes (3), HDCP2.2/1.4	
		RS232C IN	Yes (1), 4-pin RJ11	Yes (1), 4-pin RJ11	
	External Control	RJ45(LAN)	Yes (1)	Yes (1)	
	USB		USB2.0 Type A (2)	USB2.0 Type A (2)	
	Audio Out		Yes (1)	Yes (1)	
	External Control	RS232C OUT	Yes (1), 4-pin RJ11	Yes (1), 4-pin RJ11	
MECHANICAL	Bezel Color	Ceramic Black	Ceramic Black	Ceramic Black	
	Bezel Width	R / L / T: 15.5mm, B: 22.3mm	R / L / T: 15.5mm, B: 22.3mm	R / L / T: 14.0mm, B: 20.2mm	
	Weight (Head)	31.5 lbs / 14.3 kg	24.9 lbs / 11.3 kg	17.6 lbs / 8.0 kg	
	Weight (Head+Stand)	32.0 lbs / 14.5 kg	25.4 lbs / 11.5 kg	17.9 lbs / 8.1 kg	
	Packed Weight	43.0 lbs / 19.5 kg	31.5 lbs / 14.3 kg	22.5 lbs / 10.2 kg	
	Dimensions (W x H x D) Depth: Front to VESA	49.0 x 28.6 x 3.4 in / 1244 x 726 x 87.1 mm	44.4 x 26.1 x 3.4 in / 1130 X 663 x 86.3 mm	38.3 x 22.5 x 3.3 in / 973 X 572 x 85.0 mm	
	Dimensions (W x H x D) Depth: Front to Lower Back Speaker	Same as above	Same as above	Same as above	
	Monitor Dimensions with Stand (W x H x D)	49.0 x 30.9 x 9.1 in / 1244 x 786 x 231 mm	44.4 x 28.4 x 9.1 in / 1130 X 722 x 231 mm	38.3 x 24.5 x 8.5 in / 973 x 623 x 216 mm	
	Shipping Dimensions (W x H x D) (Box outer size)	53.5 x 32.9 x 6.9 in / 1360 x 835 x 175 mm	47.8 x 30.5 x 6.9 in / 1215 x 775 x 175 mm	41.7 x 26.0 x 6.0 in / 1060 x 660 x 152 mm	
	VESA/ATM Standard Mount Interface	300 x 300	200 x 200	200 x 200	
	Built-in Speaker	Yes	Yes	Yes	
	FEATURES	Internal Memory	8GB	8GB	8GB
Wi-Fi		Built-in	Yes	Yes	
Sensor		Temperature Sensor	Yes	Yes	Yes
		Auto Brightness sensor	Yes	Yes	Yes
Local Key Operation		Yes (Power On/Off only)	Yes (Power On/Off only)	Yes (Power On/Off only)	
webOS ver.		webOS 4.1	webOS 4.1	webOS 4.1	
Embedded CMS		Local Contents Scheduling	Yes	Yes	Yes
		Group Manager	Yes	Yes	Yes
USB Plug & Play		Yes	Yes	Yes	
Fail over		Yes	Yes	Yes	
Background Image		Booting Logo Image	Yes	Yes	Yes
		No Signal Image	Yes	Yes	Yes
		RS-232C Sync	Yes	Yes	Yes
Sync Mode		Local Network Sync	Yes	Yes	Yes
			Yes	Yes	Yes
Screen Share		Yes	Yes	Yes	
Video Tag		Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	Yes (4, Max One HDMI input)	
Play via URL		Yes	Yes	Yes	
Rotation		Screen Rotation	Yes	Yes	Yes
		External Input Rotation	Yes	Yes	Yes
Gapless Playback		Yes	Yes	Yes	
Setting Data Cloning		Yes	Yes	Yes	
SNMP		Yes	Yes	Yes	
ISM Method		Yes	Yes	Yes	
Auto Set ID		Yes	Yes	Yes	
Status Mailing		Yes	Yes	Yes	
Control Manager		Yes	Yes	Yes	
3rd Party Compatibility Crestron Inside		Yes	Yes	Yes	
Smart Energy Saving		Yes	Yes	Yes	
PM mode		Yes	Yes	Yes	
Wake on LAN		Yes	Yes	Yes	
Beacon		Yes	Yes	Yes	
HDMI-CEC		Yes	Yes	Yes	
SI Server Setting		Yes	Yes	Yes	
webRTC		Yes	Yes	Yes	
ProIdiom		Yes	Yes	Yes	
Operation Temperature		32°F to 104°F / °C to 40°C	32°F to 104°F / °C to 40°C	32°F to 104°F / °C to 40°C	
Operation Humidity		10% to 80%	10% to 80%	10% to 80%	
POWER		Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
		Power Type	Built-In Power	Built-In Power	Built-In Power
		Typ.	105W	105W	80W
		Max.	155W	150W	115W
	BTU (British Thermal Unit)	359 BTU/Hr(Typ.), 529 BTU/Hr(Max)	359 BTU/Hr(Typ.), 512 BTU/Hr(Max)	273 BTU/Hr(Typ.), 393 BTU/Hr(Max)	
	Smart Energy Saving	73.5W	73.5W	56W	
	DPM	0.5W	0.5W	0.5W	
	Power off	0.5W	0.5W	0.5W	
	SOFTWARE COMPATIBILITY	SuperSign CMS	Yes	Yes	Yes
		SuperSign Control / Control+	Yes / Yes	Yes / Yes	Yes / Yes
SuperSign WB		Yes	Yes	Yes	
SuperSign Media Editor		Yes	Yes	Yes	
Signage 365 Care	Yes	Yes	Yes		
WARRANTY & OTHER"	FCC (EMC) Certification	Class A	Class A	Class A	
	ErP (Environmental) Certification	Yes	Yes	Yes	
	Warranty	3 Year Limited	3 Year Limited	3 Year Limited	
Accessories	Remote Control (Battery 2ea), Power Cord, Regulation Book, Phone to D-Sub9 Gender, Stand, Cable Holder				

CONNECTIVITY

Rear



Side

