* 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

ULTRA HD Resolution

With the resolution that is 4 times higher than FHD, it makes the color and details of the content more vivid and realistic. In addition, the wide viewing angle applied with the LG IPS Panel, provides clear content with no distortion.
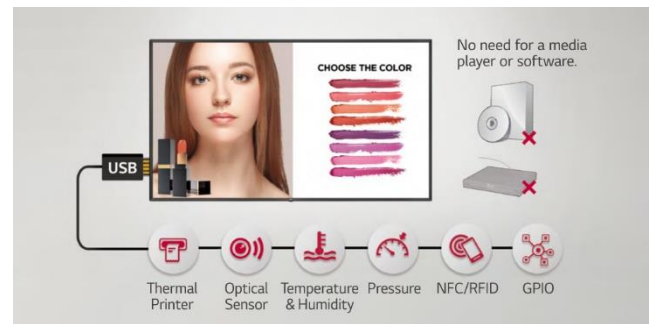

H.264   HEVC

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 than the existing H.264 codec.

Software Development Kit   SCAP Libraries   Sample Applications

High Performance SoC with webOS

Built-in 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 enhances user convenience with intuitive GUI and simple app development tools.

CHOOSE THE COLOR   No need for a media player or software.

USB

Thermal Printer   Optical Sensor   Temperature & Humidity   Pressure   NFC/RFID   GPIO

Various Sensor Applications

The LG webOS smart signage platform easily supports connections with external sensors via USB plug-in. The overall cost for maintenance is reduced as there's no need to purchase additional software or media players for creating value-added solutions.

Internet

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 Solution

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

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 automated control*, boosting business management efficiency.
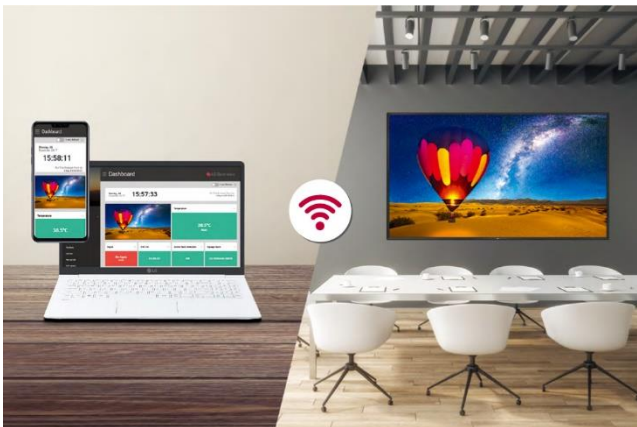
* Network based control

Compatibility with Conferencing System

For the optimum visual meeting, the UL3G 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

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.
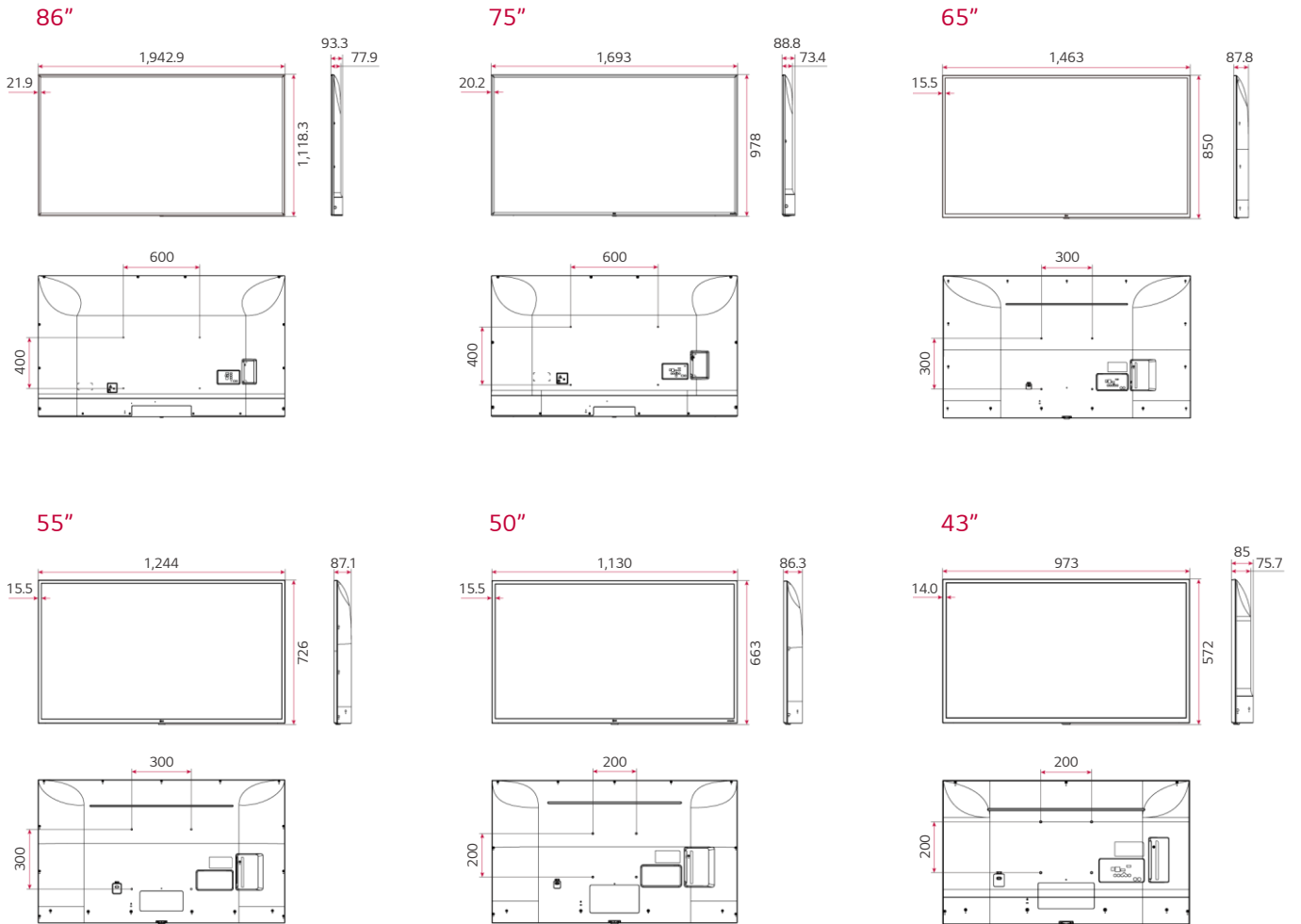

Real-time Care Service with LG Signage365Care

The maintenance gets easier and faster with an optional service Signage365Care*, 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.
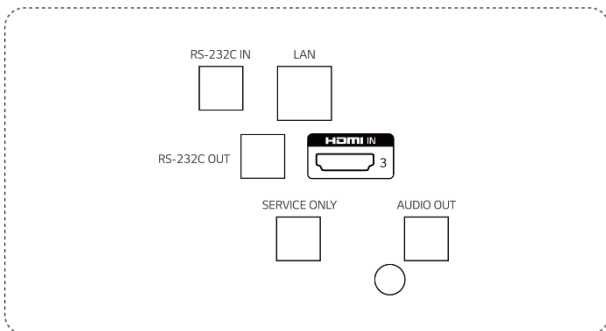
* The availability of "Signage365Care" service can differ by region, so please contact the LG sales representative in your region for further details.

DIMENSION
(unit: mm)

86"

1,942.9
93.3
77.9
21.9
1,118.3
600
400

75"

1,693
88.8
73.4
20.2
978
600
400

65"

1,463
87.8
15.5
850
300
300

55"

1,244
87.1
15.5
726
300
300

50"

1,130
86.3
15.5
663
200
200

43"

973
85
75.7
14.0
572
200
200

CONNECTIVITY

Rear

RS-232C IN   LAN

RS-232C OUT   HDMI IN 3

SERVICE ONLY   AUDIO OUT

Side

HDMI IN 1   HDMI IN 2   USB 2.0 IN   USB 2.0 IN   MEZ66590598 (REV00)

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

SPECIFICATIONS

		86UL3G	75UL3G	65UL3G	55UL3G	50UL3G	43UL3G
Panel	Screen Size	86"	75"	65"	55"	50"	43"
	Panel Technology	IPS	IPS	IPS	IPS	IPS	IPS
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Brightness	350 nit (Typ.)	350 nit (Typ.)	400 nit (Typ.)	400 nit (Typ.)	350 nit (Typ.)	300 nit (Typ.)
	Contrast Ratio	1,400 : 1	1,200 : 1	1,200 : 1	1,200 : 1	5,000 : 1	1,200 : 1
	Dynamic CR[1]	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1
	Color Gamut	DCI 82%	DCI 80%	DCI 80%	DCI 80%	DCI 80%	DCI 80%
	Viewing Angle (H × V)	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	10 bit, 1.07 Billion Colors	8 bit + FRC, 1.07 Billion Colors	8 bit + FRC, 1.07 G Colors	8 bit, 16.7 Million Colors	8 bit + FRC, 1.07 Billion Colors	8 bit, 16.7 Million Colors
	Response Time	5 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	9.5 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	3%	1%	1%	1%	1%	1%
	Operation Hours (Hours / Day)	16 / 7	16 / 7	16 / 7	16 / 7	16 / 7	16 / 7
	Portrait / Landscape	No / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI (3, HDCP 2.2 / 1.4), USB 2.0 Type A (2)					
	Output	Audio					
	External Control	RS232C IN / OUT (4pin Phone-jack), RJ45 (LAN) IN					
Mechanical Specification	Bezel Color	Dark Meteo Titan	Dark Meteo Titan	Ceramic Black	Ceramic Black	Ceramic Black	Ceramic Black
	Bezel Width	21.9 mm (Even Bezel)	20.2 mm (R/L/T), 21.5 mm (B)	15.5 mm (R/L/T), 22.3 mm (B)	15.5 mm (R/L/T), 22.3 mm (B)	15.5 mm (R/L/T), 22.3 mm (B)	14.0 mm (R/L/T), 20.2 mm (B)
	Weight (Head)	44.2 kg	34.6 kg	21.3 kg	14.3 kg	11.3 kg	8.0 kg
	Monitor Dimensions (W × H × D, mm)	1,943 × 1,118 × 93.3	1,693 × 978 × 88.8	1,463 × 850 × 87.8	1,244 × 726 × 87.1	1,130 × 663 × 86.3	973 × 572 × 85.0
	Monitor Dimensions with Stand (W × H × D, mm)	1,943 × 1,188 × 345	1,693 × 1,048 × 345	1,463 × 914 × 269	1,244 × 786 × 231	1,130 × 722 × 231	973 × 623 × 216
	Handle	No	No	No	No	No	No
	VESA™ Standard Mount Interface	600 × 400	600 × 400	300 × 300	300 × 300	200 × 200	200 × 200
Key Feature		Internal Memory 8 GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Local Key Operation (Power On / Off Only), webOS 4.1, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Screen Share, Video Tag (4, Max One HDMI Input), Play via URL, Gapless Playback, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected®[2], Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom				
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz	AC 100-240 V~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power
	Power Consumption — Typ. / Max.	240 W / 325 W	155 W / 240 W	130 W / 185 W	105 W / 155 W	105 W / 150 W	80 W / 115 W
	Power Consumption — BTU (British Thermal Unit)	819 BTU / Hr (Typ.), 1,109 BTU / Hr (Max.)	526 BTU / Hr (Typ.), 819 BTU / Hr (Max.)	444 BTU / Hr (Typ.), 632 BTU / Hr (Max)	359 BTU / Hr (Typ.), 529 BTU / Hr (Max)	359 BTU / Hr (Typ.), 512 BTU / Hr (Max.)	273 BTU / Hr (Typ.), 393 BTU / Hr (Max)
Sound	Speaker	Yes	Yes	Yes	Yes	Yes	Yes
Certification	Safety	CB	CB	CB	CB	CB	CB
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP	Yes	Yes	Yes	Yes	Yes	Yes
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Signage365Care[4]					
Accessory	Basic	Remote Controller, Power Cord, Regulation Book, Phone to D-Sub9 Gender, Stand, Cable Holder					

[1] The luminosity ratio of Full Black / Full White color on video input condition.
[2] Network based control
[3] Compatibility may differ by equipment.
[4] The availability can differ by region.

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.