



\* All images are for illustrative purposes only.

**UHD Signage** UL3J

# LG webOS UHD Signage



Superb Picture Quality  
with Ultra HD Resolution



Sophisticated  
Slim Design



High-Performance  
with webOS 6.0



Various Sensor  
Connection



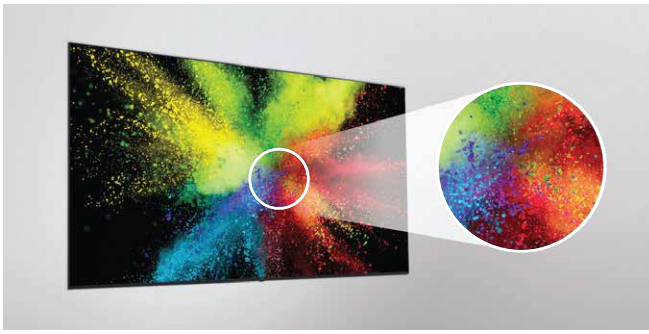
Compatible with  
**LG One:Quick** | Share



Compatible with  
AV Control Systems

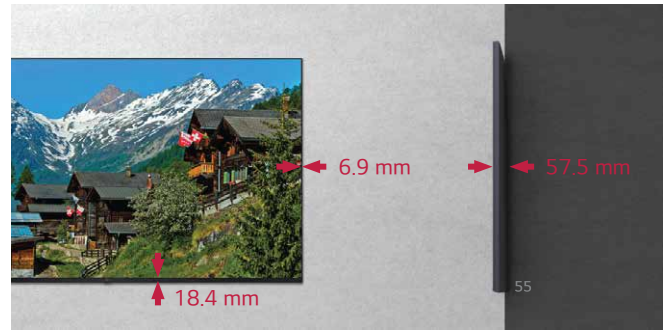
## UL3J

Size	218.44 cm (86), 190.5 cm (75), 165.1 cm (65), 139.7 cm (55), 127 cm (50), 109.22 cm (43)
Screen Resolution	3,840 x 2,160 (UHD)
Operation Time	16 Hours / 7 Days
Brightness	75 / 86 : 330 nits 65 / 55 / 50 : 400 nits 43 : 300 nits
LG Solution Compatibility	LG One:Quick Share, LG ConnectedCare, LG SuperSign CMS/Control



## SUPERB PICTURE QUALITY WITH ULTRA HD RESOLUTION

With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle applied with an IPS panel, provides clear contents.



## SOPHISTICATED SLIM DESIGN

This series is thin in bezel size and thickness\*, which saves space and enables easy installation. In addition, it increases the immersive experience from the screen and provides a sophisticated design, improving the décor of the space where the product is installed.

\* Compared to LG's UL3G series



## HIGH-PERFORMANCE WITH LG WEBOS 6.0

LG webOS 6.0, upgraded in SoC\* and web engine, is available on UL3J series for a smooth execution of several tasks. LG webOS smart signage platform enhances user convenience with intuitive GUI.\*\*

\* SoC : System On Chip

\*\* GUI : Graphical User Interface



## VARIOUS SENSOR CONNECTION

LG webOS smart signage platform helps to easily provide value-added solutions\* by supporting simple connections with external sensors\*\* such as GPIO, NFC/RFID, temperature sensors, etc., via USB plug-in.

\* e.g. showing specific promotional information according to weather change to store visitors

\*\* External sensors need to be purchased separately and tested for compatibility with webOS platform.



## LG'S WIRELESS SCREEN SHARING SOLUTION, LG One:Quick<sup>Share</sup>

LG One:Quick Share is a wireless screen sharing solution available through the UL3J series, USB transmission unit, and its app. You can simply share personal PC screen to the display with its USB dongle button and embedded Wi-Fi\*, and can adjust the basic setting values (volume, picture mode, auto bright, etc.) of the connected display without a remote control. Also, the Office Meeting

Mode\*\* helps you to display the agenda, note before the meeting starts.

\* Users need to set up Soft AP enabled at Network Menu of the Signage.

\*\* Users can enable Office Meeting Mode at EZ Setting Menu of the Signage.

\*\*\* LG One:Quick Share needs to be purchased separately.





## REMOTE MONITORING AND CONTROL

This web-based monitoring solution is user-friendly and allows the user to be at ease. It enables the user to have full access anywhere at anytime from their mobile phone & PC under network-accessible environment while having access to both current and past data. It allows the user to monitor the unit, make adjustments and control the unit remotely in real time.

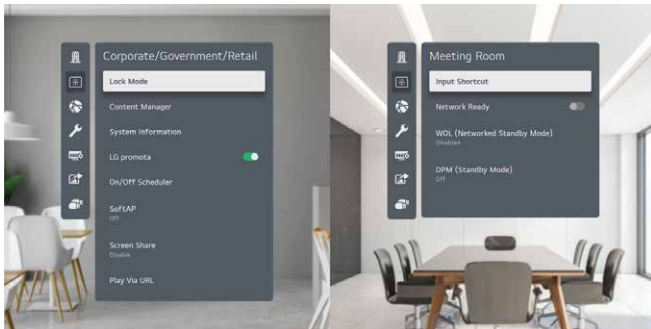


## COMPATIBLE WITH AV CONTROL SYSTEMS

The UL3J series supports Crestron Connected\*\* for high compatibility with professional AV controls to achieve seamless integration and automated control\*\*, boosting business management efficiency.

\* Initial setting from display is required for Crestron Connected\* compatibility.

\*\* Network based control



## EASY MENU SETUP FOR VERTICAL NEEDS

UL3J series increases users' convenience by organizing frequently used menus\* by industry.

\* Pre-set Support Vertical : Corporate / Government / Retail, Meeting room



## COMPATIBLE WITH VIDEO CONFERENCE SYSTEM

For effective visual meeting, the UL3J series supports its compatibility with Cisco System that offers powerful and integrated control\* for a smarter video conference.

\* Using an HDMI cable connection (HDMI cable is optional)



## EASY CONTENT DISTRIBUTION & SW UPDATE

UL3J series features embedded Wi-Fi making it easy to distribute content wirelessly and update Firmware under the same network.



## WIRELESS ACCESS POINT

UL3J series operates as a virtual router which can be an wireless access point for mobile devices.



## BUILT-IN SPEAKER

Contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.



## REAL-TIME LG ConnectedCare SERVICE

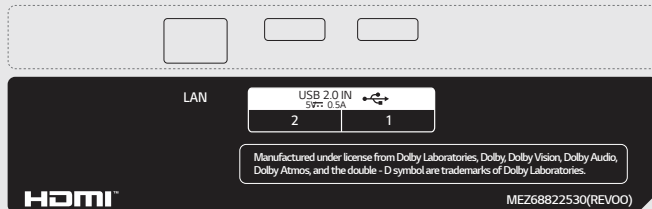
Maintenance is easy and fast with the optional LG ConnectedCare\* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

\* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.

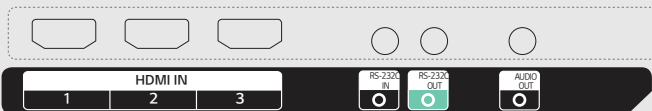
## CONNECTIVITY

86

Rear

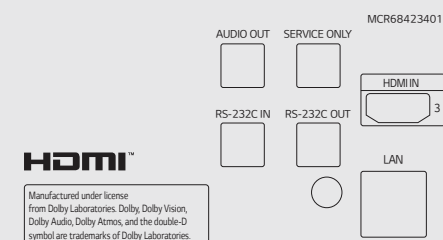


Side

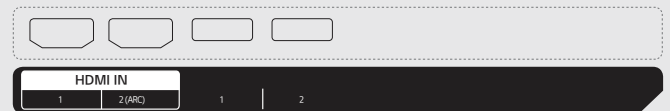


75 / 65 / 55 / 50 / 43

Rear



Side



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

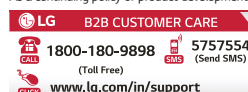
# Specification

Model name		UL3J					
Panel	Screen Size	218.44 cm (86)	190.5 cm (75)	165.1 cm (65)	139.7 cm (55)	127 cm (50)	109.22 cm (43)
	Backlight Type	Direct					
	Aspect Ratio	16:9					
	Native Resolution	3840 × 2160 (UHD)					
	Brightness (Typical)	330 nits (Typical)		400 nits (Typical)			300 nits (Typical)
	Color Gamut	DCI 80%					
	Viewing Angle (H x V)	178 x 178					
	Color Depth	Advanced 10 bit, 1.07 Billion colors	1.07Billion colors (8 bit + FRC)		1.07G (8 bit + FRC)		
	Surface Treatment (Haze)	3%	1%			2%	1%
	Refresh Rate	120 Hz	60 Hz				
	Operation Hours (Hours / Day)	16 / 7					
	Portrait / Landscape	Yes / Yes					
Connectivity	Input	HDMI x 3 (HDCP 2.2 / 1.4), USB 2.0 x 2 , LAN					
	Output	Audio Out					
	External Control	RS232 In / Out					
Mechanical	Bezel Color	Ashed Blue					
	Bezel Width (T/R/L/B) in mm	Off : 6.9/6.9/6.9/18.4 On : 15.9/15.9/15.9/19.9	Off : 7.9/7.9/7.9/18.4 On : 13.9/13.9/13.9/19.9	Off : 6.8/6.8/6.8/18.4 On : 12.8/12.8/12.8/19.9	Off : 6.9/6.9/6.9/18.4 On : 12.8/12.8/12.8/19.9	Off : 7.3/7.3/7.3/18.4 On : 12.8/12.8/12.8/19.9	Off : 6.9/6.9/6.9/18.4 On : 12.8/12.8/12.8/19.9
	Weight (Head)	45.2 kg	31.4 kg	21.5 kg	14 kg	11.7 kg	8.8 kg
	Packed Weight	57.7 kg	40.3 kg	27.5 kg	18.8 kg	14.4 kg	10.9 kg
	Monitor Dimensions (W x H x D) in mm	1927 x 1104 x 59.9	1678 x 964 x 59.9	1454 x 838 x 57.7	1235 x 715 x 57.5	1121 x 651 x 57.1	967 x 564 x 57.1
	Packed Dimensions (W x H x D) in mm	2115 x 1215 x 228	1820 x 1115 x 200	1600 x 970 x 172	1360 x 810 x 162	1215 x 775 x 152	1055 x 660 x 142
	VESA™ Standard Mount Interface	600 x 400	400 x 400	300 x 300		200 x 200	
Key Features		AutoBrightness Sensor , Temperature Sensor, WebOS 6.0, Memory -16 GB ,Built In Wi-fi, Local Content Scheduling , Group Manager , USB Plug & Play, Fail over, Boot Logo Image , No Signal Image ,RS232 Sync, Local Network Sync , Screen Share , Video Tag, Play via URL, Screen Rotation, External input Rotation, Gapless Playback, Tile Mode Setting, Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status mailing, Control Manager, Crestron Connected, Cisco Certification, Smart Energy Saving, PM Mode , Wake On LAN, Network Ready, Beacon, HDMI CEC, SI Server Setting, WebRTC, Prodiom					
Environmental Condition	Operation Temperature	0 °C to 40 °C (Portrait Scene : 0 °C to 30 °C)					
	Operation Humidity	10% to 80%					
Power	Power Supply	AC 100-240 V~, 50 / 60 Hz					
	Power Type	Built-In Power					
Power Consumption	Typ. / Max	220 W / 300 W	155 W / 220 W	130 W / 187 W	105 W / 160 W	90 W / 130 W	80 W / 120 W
	BTU (British Thermal Unit)	751 BTU/Hr (Typ.), 1024 BTU/Hr (Max.)	529 BTU/Hr (Typ.), 751 BTU/Hr (Max.)	444 BTU/Hr (Typ.), 638 BTU/Hr (Max.)	358 BTU/Hr (Typ.), 546 BTU/Hr (Max.)	307 BTU/Hr (Typ.), 444 BTU/Hr (Max)	273 BTU/Hr (Typ.), 409 BTU/Hr (Max)
	DPM	0.5 W					
	Power Off	0.5 W					
Sound	Speaker	Yes (10 W x 2)					
Certification	Safety	CB					
	EMC	FCC Class “A” / CE					
	ERP/ Energy Star	Yes / No	Yes / Yes			Yes / No	
Software Compatibilty		LG SuperSign CMS, LG SuperSign Control+, LG SuperSign WB, LG ConnectedCare					
Accessories	Basic	Remote Controller(include battery 2ea), Power Cord, Regulation Book, Phone to D-Sub9 Gender, Cable Holder					
Special Feature	Conformal Coating (Power Board)	Yes					

Creative Visualization

\*Product Images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.



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