



\* All images in this datasheet are for illustrative purposes only.

## UHD Signage UL3J-B

# 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

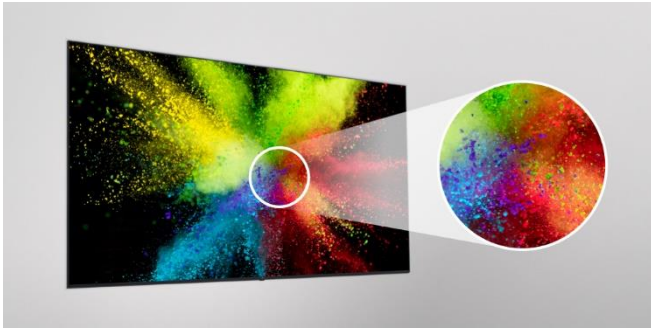


Compatible with AV Control Systems

### UL3J-B

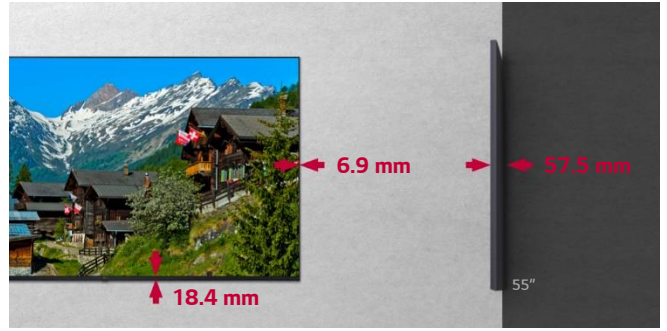
Inch	86" / 75" / 65" / 55" / 50" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Operation Time	16 Hours / 7 Days
Brightness	86" / 75" : 330 nits
	65" / 55" / 50" : 400 nits
	43" : 300 nits
LG Solution Compatibility	LG One:Quick Share, LG ConnectedCare, LG SuperSign CMS/Control, Promota App*

\* Not available for Europe/CIS Region



### 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.

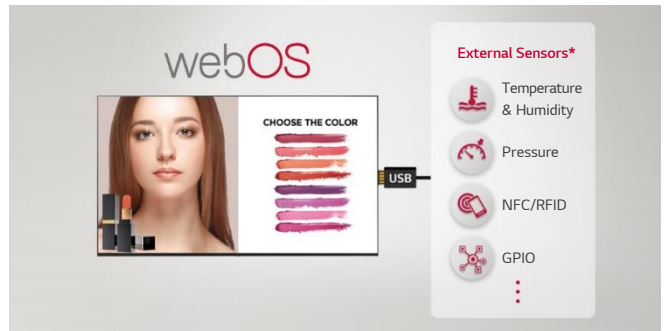
\* Compared to LG's UL3G series



### 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.

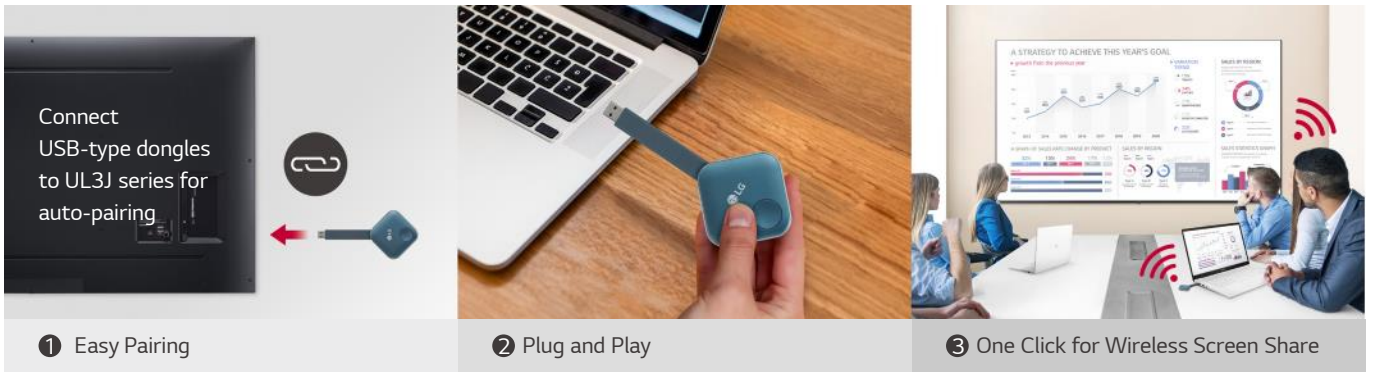


### LG's Simple Advertisement Helper, Promota

Using LG's Promota\* application, downloadable on a mobile device, you can easily create your own display contents. With Promota, you can add text and images to create an online profile for your business as well as deliver information such as event news, seasonal menus, promotions, and even more to your customers while recommending easy-to-use templates relevant to your industry.

\* LG Promota is can be downloaded from the App Store and Google Play store. (Not available for Europe/CIS Region)

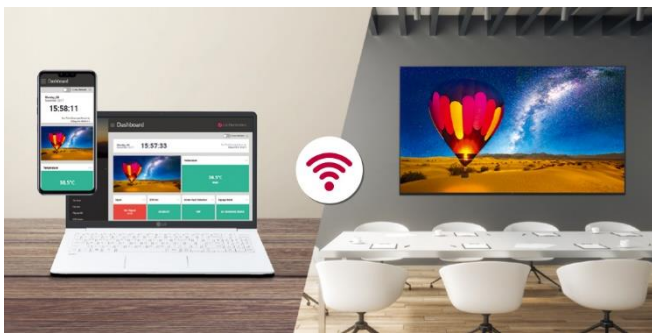




**LG's Wireless Screen Sharing Solution, LG One:Quick<sup>Share</sup>**

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.



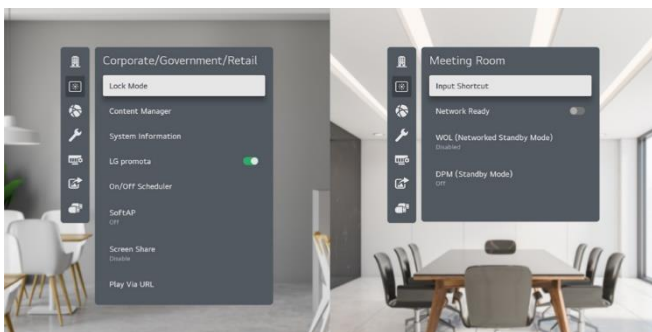
**Remote Monitoring and Control**

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**

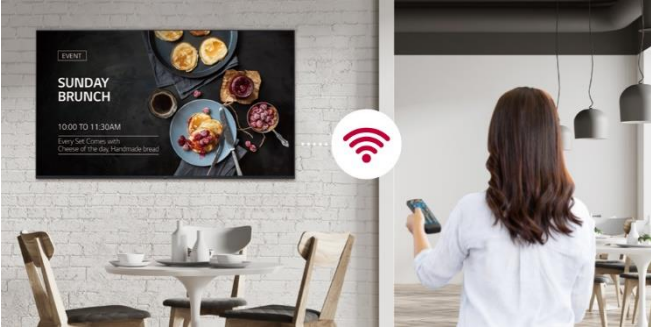
UL3J series increases users' convenience by organizing frequently used menus\* by industry.

\* 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 solutions 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

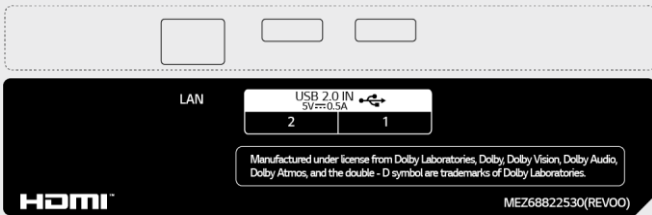
Maintenance is easy and fast with the optional LG ConnectedCare\* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, supporting the stable operation of clients' businesses.

\* 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.

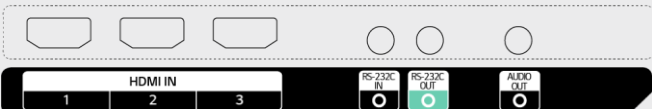
## CONNECTIVITY

86"

Rear

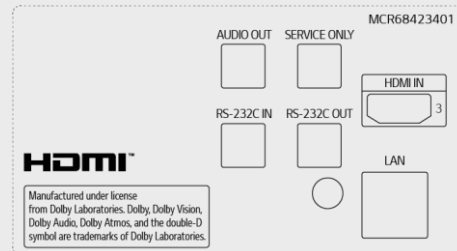


Side

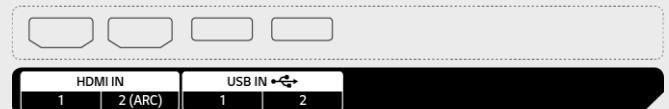


75" / 65" / 55" / 50" / 43"

Rear



Side



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

# SPECIFICATIONS

UL3J-B

	86UL3J-B	75UL3J-B	65UL3J-B	55UL3J-B	50UL3J-B	43UL3J-B	
Panel	Screen Size	86"	75"	65"	55"	50"	43"
	Panel Technology	IPS	IPS	IPS	IPS	IPS	IPS
	Back Light Type	Direct	Direct	Direct	Direct	Direct	Direct
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	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)
	Refresh Rate	120 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	330 nit (Typ.)	330 nit (Typ.)	400 nit (Typ.)	400 nit (Typ.)	400 nit (Typ.)	300 nit (Typ.)
	Contrast Ratio	1,200 : 1	1,200 : 1	1,200 : 1	1,300 : 1	1,200 : 1	1,300 : 1
	Dynamic CR	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 80%	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	1.07 Billion Colors (Advanced 8 bit)	1.07 Billion Colors (8bit + FRC)	1.07 Billion Colors (8bit + FRC)	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))
	Response Time	5 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	12 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	3%	1%	1%	3%	3%	3%
	Life time	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)	30,000 Hrs (Min.)
	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), RS-232C In (4 Pin Phone-jack), RJ45 (LAN), USB 2.0 (2, Type A)				
Output		Audio Out, RS-232C Out (4 Pin Phone-jack)					
Mechanical Specification	Bezel Color	Ashed Blue	Ashed Blue	Ashed Blue	Ashed Blue	Ashed Blue	Ashed Blue
	Bezel Width	Off : 6.9 mm (T/R/L), 18.4 mm (B) On : 15.9 mm (T/R/L), 19.9 mm (B)	Off : 7.9 mm (T/R/L), 18.4 mm (B) On : 13.9 mm (T/R/L), 19.9 mm (B)	Off : 6.8 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)	Off : 6.9 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)	Off : 7.3 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)	Off : 6.9 mm (T/R/L), 18.4 mm (B) On : 12.8 mm (T/R/L), 19.9 mm (B)
	Weight (Head)	45.2 kg	31.4 kg	21.5 kg	14.0 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 Dimension (W × H × D)	1,927 × 1,104 × 59.9 mm	1,678 × 964 × 59.9 mm	1,454 × 838 × 57.7 mm	1,235 × 715 × 57.5 mm	1,121 × 651 × 57.1 mm	967 × 564 × 57.1 mm
	Carton Dimensions (W × H × D) (Box Outer Size)	2,115 × 1,215 × 228 mm	1,820 × 1,115 × 200 mm	1,600 × 970 × 172 mm	1,360 × 810 × 162 mm	1,215 × 775 × 152 mm	1,055 × 660 × 142 mm
	VESA™ Standard Mount Interface	600 × 400 mm	400 × 400 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm	200 × 200 mm
Key Feature	Internal Memory 8 GB, Built-in Wi-Fi, Sensor (Temperature Sensor, Auto Brightness Sensor), Local Key Operation (Power On/Off Only), webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Bootling 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, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Auto Set ID, Status Mailing, Control Manager, 3 <sup>rd</sup> Party Compatibility (Cisco Certi (TBD, Oct-), Crestron Connected, Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready), Beacon, HDMI-CEC <sup>1)</sup> , SI Sever Setting, webRTC, Prodiom						
Environment Conditions	Operation Temperature	0°C to 40°C (Portrait Scene : 0°C to 30°C)	0°C to 40°C (Portrait Scene : 0°C to 35°C)	0°C to 40°C (Portrait Scene : 0°C to 35°C)	0°C to 40°C (Portrait Scene : 0°C to 35°C)	0°C to 40°C (Portrait Scene : 0°C to 35°C)	0°C to 40°C (Portrait Scene : 0°C to 35°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 100-240V~, 50/60Hz	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 100-240V~, 50/60Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	220 W / 300 W	155 W / 220 W	130 W / 187 W	105 W / 160 W	105 W / 150 W	80 W / 120 W
	BTU (British Thermal Unit)	751 BTU/Hr (Typ.), 1,024 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.)	358 BTU/Hr (Typ.), 512 BTU/Hr (Max.)	273 BTU/Hr (Typ.), 409 BTU/Hr (Max.)
	Smart Energy Saving	154 W	108.5 W	91 W	73.5 W	66 W	56 W
	DPM	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	Power off	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Sound	Speaker	Yes	Yes	Yes	Yes	Yes	Yes
	Safety	CB / NRTL	CB	CB	CB	CB	CB
Certification	EMC	FCC Class "A" / CE	FCC Class "A" / CE	FCC Class "A" / CE	FCC Class "A" / CE	FCC Class "A" / CE	FCC Class "A" / CE
	ErP / Energy Star	Yes (OldErP for Jordan) / No	Yes (OldErP for Jordan) / Yes	Yes (OldErP for Jordan) / Yes	Yes (OldErP for Jordan) / Yes	Yes (OldErP for Jordan) / Yes	Yes (OldErP for Jordan) / No
Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Promota (Not Available for EU/CIS), LG ConnectedCare <sup>2)</sup>						
Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Turkish, Arabic, Polski						
Accessory	Basic	Remote Controller, Power Cord, Regulation Book, Phone to D-Sub9 Gender, Cable Holder					

1) Compatibility may differ by equipment.  
2) 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.



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