



* 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



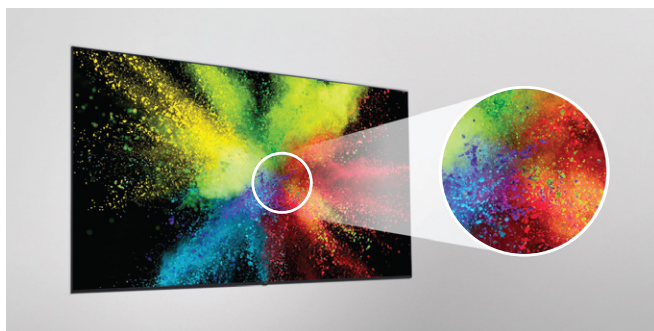
Compatible with
LG One:Quick | Share



Compatible with
AV Control Systems

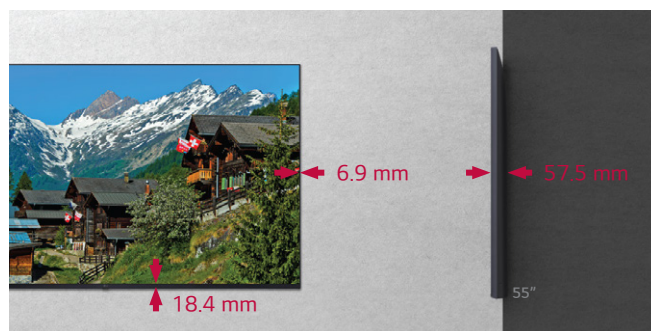
UL3J-B

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



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

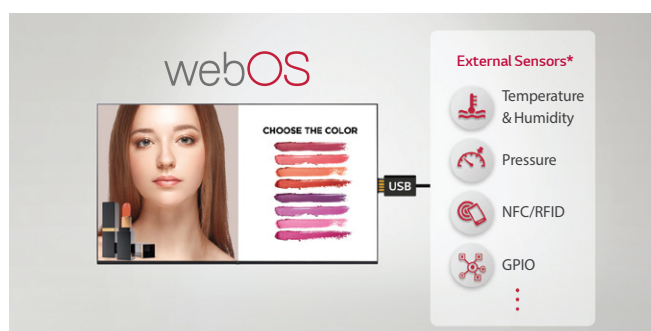


HIGH-PERFORMANCE WITH LG WEBOS 6.0

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)



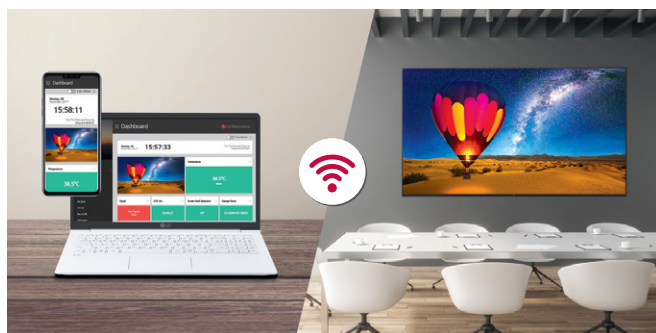
LG'S WIRELESS SCREEN SHARING SOLUTION, LG One:Quick^{Share}

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.

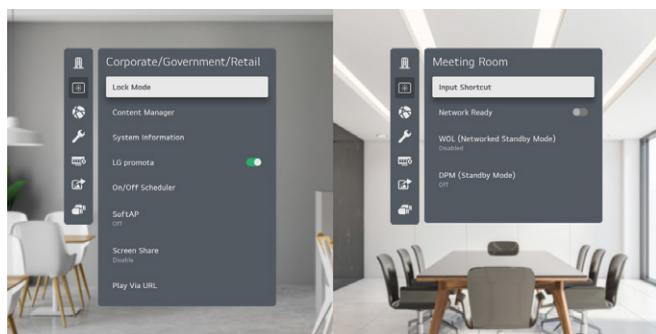
** Users can enable Office Meeting Mode at EZ Setting Menu of the Signage.

*** 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.



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 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.

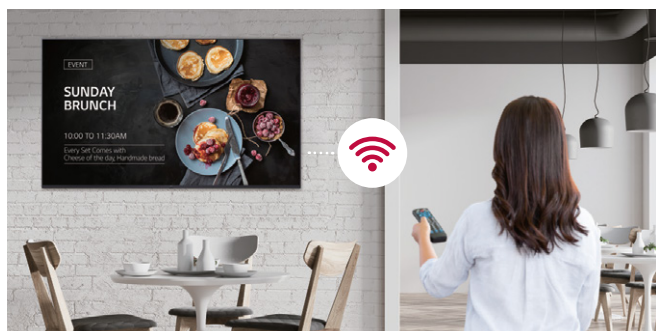
** Network based control



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.

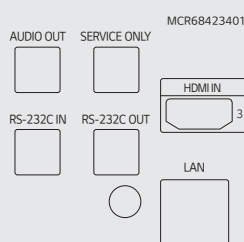
CONNECTIVITY

55 / 43

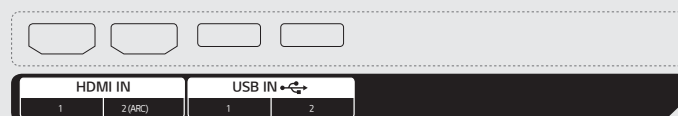
Rear

HDMI™

Manufactured under license from Dolby Laboratories. Dolby, Dolby Vision, Dolby Audio, Dolby Atmos, and the double-D symbol are trademarks of Dolby Laboratories.



Side



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

Specification

		Model Name	55UL3J-B	43UL3J-B
Panel	Screen Size		55	43
	Panel Technology		IPS	
	Back Light Type		Direct	
	Aspect Ratio		16:9	
	Native Resolution		3840 x 2160 (UHD)	
	Refresh Rate		60Hz	
	Brightness		400nit (Typ.)	
	Contrast Ratio		1,300:1	
	Viewing Angle(H x V)		178 x 178	
	Color Depth		10bit, 1.07Billion colors	
	Response Time		8ms (G to G)	
	Surface Treatment (Haze)		3%	
	Operation Hours (Hours / Day)		16 / 7	
	Portrait / Landscape		0 / 0	
Connectivity	Input		HDMI (3, HDCP 2.2 / 1.4), USB 2.0 Type A (2)	
	Output		Audio	
	External Control		RS232C In / Out (4 Pin Phone Jack), RJ45 (LAN) In	
Mechanical Specification	Bezel Color		Ashed Blue	
	Bezel Width		On : 12.8/12.8/12.8/19.9	
	Weight (Head)		14.0	8.8
	Packed Weight		18.8	10.9
	Monitor Dimesion (W x H x D)		1235 x 715 x 57.5	967 x 564 x 57.1
	Carton Dimesions (W x H x D) (Box outer size)		1360 x 810 x 162	1055 x 660 x 142
	VESATM Standard Mount Interface		300 x 300	200 x 200
Key Feature			Internal Memory 8 GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Local Key Operation, webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Screen Share, Play via URL, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC (Compatibility may differ by equipment), SI Sever Setting, webRTC, ProIdiom	
Environment Conditions	Operation Temperature		0 °C to 40 °C (Portrait Scene : 0 °C to 35 °C)	
	Operation Humidity		10 % to 80 %	
Power	Power Supply		AC 100-240V~, 50 / 60Hz	
	Power Type		Built-In Power	
Power Consumption	Typ.		105W	80W
	Max.		160W	120W
	BTU (British Thermal Unit)		358 BTU / Hr (Typ.), 546 BTU / Hr (Max.)	273 BTU / Hr (Typ.), 409 BTU / Hr (Max.)
	Smart Energy Saving (70%)		73.5W	56W
	DPM		0.5W	
	Power off		0.5W	
Sound	Speaker		0 (In Built)	
Certification	Safety		CB	
	EMC		FCC Class "A" / CE	
	ErP / Energy Star		0 (OldErP for Jordan) / 0	
	ePEAT (US only)		X	
Ops Compatibility	OPS type compatible		X	
	OPS Power built in		X	
Software Compatibility			SuperSignCMS, SuperSignControl / Control+, SuperSignWB, SuperSignMedia Editor, Signage365Care3)	
Accessory	Basic		Remote Controller (include battery 2ea), Power Cord, Regulation Book, Phone to D-Sub9 Gender, Cable Holder	

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.