LG Business Solutions

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

Size	86 / 75 / 65 / 55 / 50 / 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, Promota App*
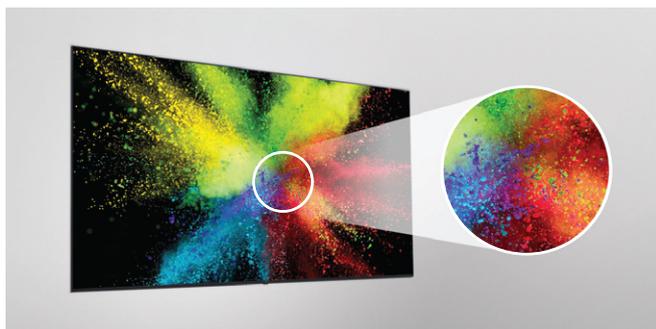
SUPERB PICTURE QUALITY WITH ULTRA HD RESOLUTION

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.

6.9 mm   57.5 mm

18.4 mm

55
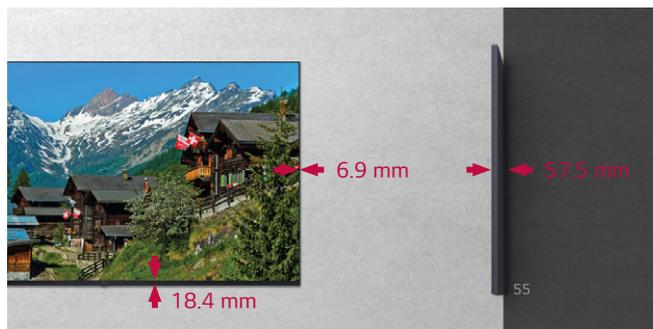
SOPHISTICATED SLIM DESIGN

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

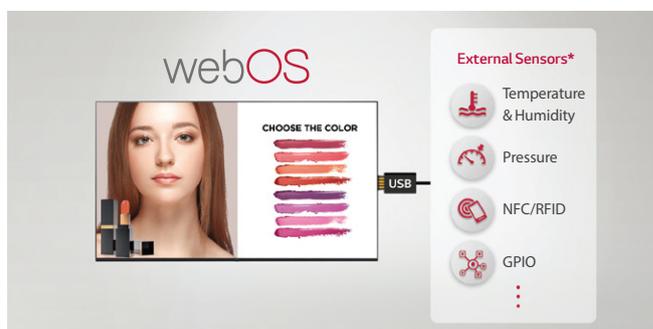Software Development Kit   SCAP Libraries   Sample Applications

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

webOS

External Sensors*

Temperature & Humidity

Pressure

NFC/RFID

GPIO

USB

CHOOSE THE COLOR

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, temperture 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.

STEAK HOUSE
TODAY'S SPECIAL MENU

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)

① Easy Pairing | **② Plug and Play** | **③ One Click for Wireless Screen Share**

Connect USB-type dongles to UL3J series for auto-pairing

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 it's 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
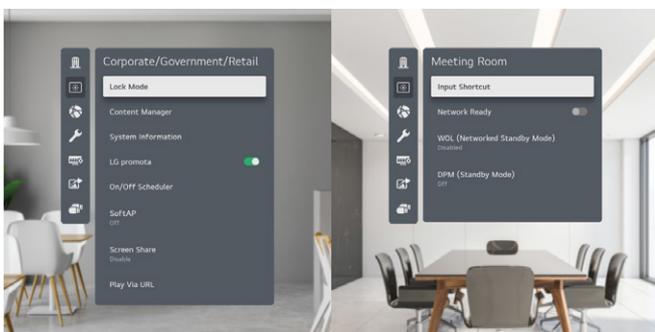
EASY MENU SETUP FOR VERTICAL NEEDS

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)
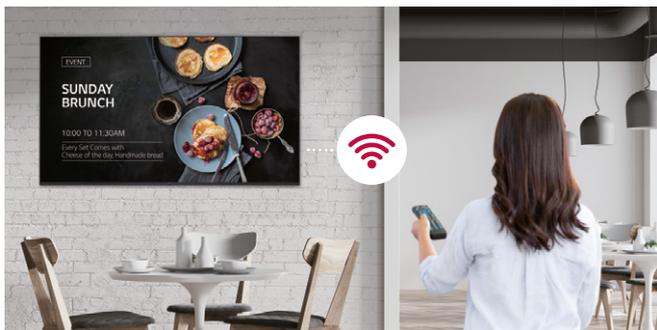
EASY CONTENT DISTRIBUTION & SW UPDATE

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.
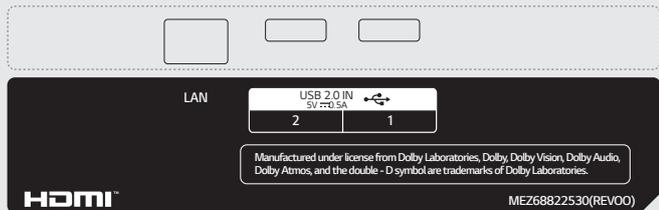
REAL-TIME LG ConnectedCare SERVICE

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.
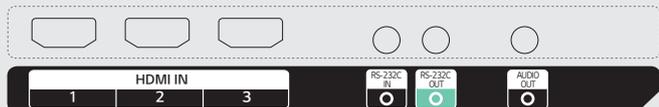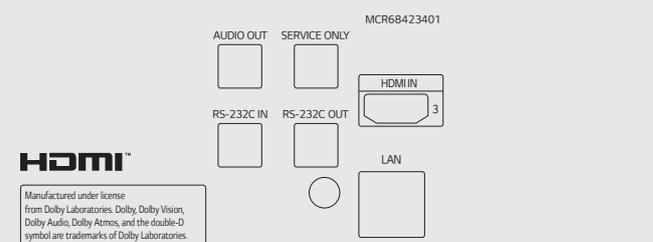
CONNECTIVITY

86

Rear

LAN   USB 2.0 IN 5V ⎓ 0.5A   2   1

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HDMI™   MEZ68822530(REVOO)

Side

HDMI IN   1   2   3   RS-232C IN   RS-232C OUT   AUDIO OUT

75 / 65 / 55 / 50 / 43

Rear

AUDIO OUT   SERVICE ONLY   MCR68423401

HDMI IN   3

RS-232C IN   RS-232C OUT   LAN

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

HDMI IN   1   2(ARC)   1   2

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

Specification

Model Name			43UL3J-B	50UL3J-B	55UL3J-B	65UL3J-B	75UL3J-B	86UL3J-B
Panel		Screen Size	43	50	55	65	75	86
		Panel Technology	IPS					
		Back Light Type	Direct					
		Aspect Ratio	16:9					
		Native Resolution	3840 x 2160 (UHD)					
		Refresh Rate	60Hz	60Hz				120Hz
		Brightness	300nit (Typ.)	400nit (Typ.)			330nit (Typ.)	
		Contrast Ratio	1,300:1	1,200:1	1,300:1	1,200:1		
		Viewing Angle (H x V)	178 x 178					
		Color Depth	10bit(D), 1.07Billon colors		10bit, 1.07Billon colors	1.07Billon colors		
		Response Time	8ms (G to G)	12ms (G to G)	8ms (G to G)			
		Surface Treatment (Haze)	3%			1%		3%
		Operation Hours (Hours / Day)	16 / 7					
		Portrait / Landscape	Yes / Yes					No / Yes
Connectivity		Input	HDMI (3, HDCP 2.2 / 1.4), USB 2.0 Type A (2)	O(3), HDCP2.2/1.4	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				On : 13.9/13.9/13.9/19.9	On : 15.9/15.9/15.9/19.9
		Weight (Head)	8.8	11.7	14.0	21.5	31.4	45.2
		Packed Weight	10.9	14.4	18.8	27.5	40.3	57.7
		Monitor Dimension (W x H x D)	967 x 564 x 57.1	1121 x 651 x 57.1	1235 x 715 x 57.5	1454 x 838 x 57.7	1678 x 964 x 59.9	1927 x 1104 x 59.9
		Carton Dimensions (W x H x D) (Box outer size)	1055 x 660 x 142	1215 x 775 x 152	1360 x 810 x 162	1600 x 970 x 172	1820 x 1115 x 200	2115 x 1215 x 228
		VESATM Standard Mount Interface	200 x 200		300 x 300		400 x 400	600 x 400
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, Pro:Idiom					
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.	80W	105W	105W	130W	155W	220W
		Max.	120W	150W	160W	187W	220W	300W
		BTU (British Thermal Unit)	273 BTU / Hr (Typ.), 409 BTU / Hr (Max.)	358.274BTU / Hr (Typ.), 511.821BTU / Hr (Max.) (TBD)	358 BTU / Hr (Typ.), 546 BTU / Hr (Max.)	444 BTU / Hr (Typ.), 638 BTU / Hr (Max.)	529 BTU / Hr (Typ.), 751 BTU / Hr (Max.)	751 BTU / Hr (Typ.), 1024 BTU / Hr (Max.)
		Smart Enegy Saving (70%)	56W	66W	73.5W	91W	108.5W	154W
		DPM	0.5W					
		Power off	0.5W					
Sound		Speaker	10W + 10W	O	10W + 10W			
Certification		Safety	CB					
		EMC	FCC Class "A" / CE					
		ErP / Energy Star	O (OldErP for Jordan) / X	O (OldErP for Jordan) / O				O (OldErP for Jordan) / X
		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					