



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

UHD Signage UL3Q Series

LG webOS UHD Signage



Superb Picture Quality
with Ultra HD Resolution



Face Up/Down
with Tilt Support



High-Performance
with webOS 6.1



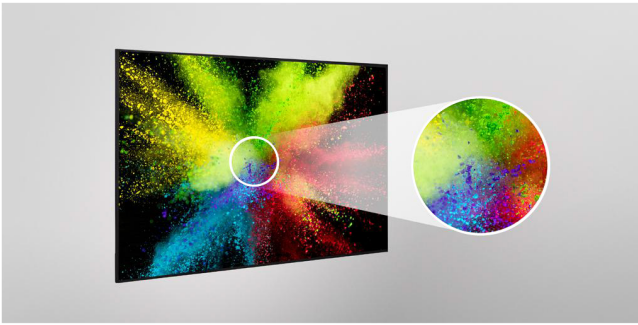
Enhanced Security



Sustainability for
ESG

UL3Q

Inch	86" / 75" / 65" / 55" / 50" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	350 nits (Typ.)
Software Compatibility	LG SuperSign CMS / Control+ / WB / Cloud, Mobile CMS, LG ConnectedCare



Superb Picture Quality with Ultra HD Resolution

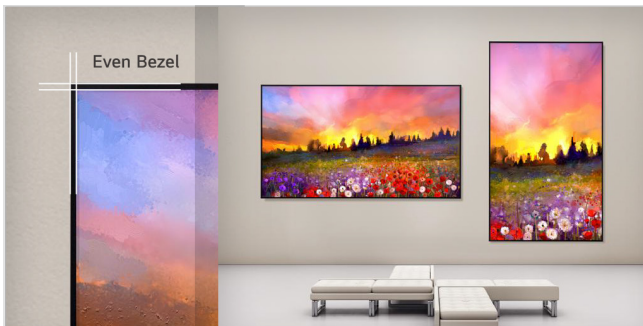
With the resolution of UHD, it makes the color and details of the contents vivid and realistic. In addition, the wide viewing angle provides clear contents.



High-Performance with LG webOS 6.1

LG webOS 6.1 is available on the UL3Q series for smooth execution of multiple tasks. The LG webOS smart signage platform enhances user convenience with an intuitive GUI*.

* GUI : Graphical User Interface



Easy Installation with Uniform Bezel Design

The UL3Q series features perfectly balanced horizontal and vertical bezels, creating a visually harmonious display solution. Its specialized design simplifies installation in retail environments while delivering a truly immersive viewing experience. The sophisticated, symmetrical bezels enhance the aesthetic appeal of any space, transforming ordinary displays into elegant focal points.

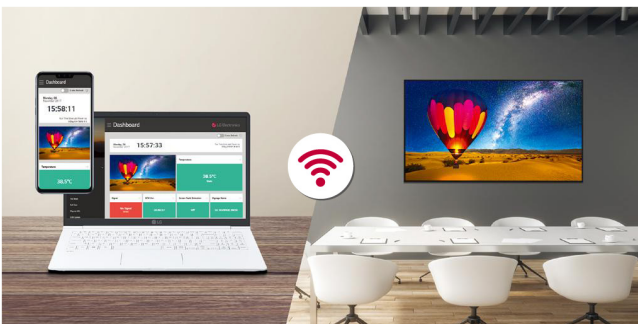


Adaptive Viewing Experience

Experience enhanced flexibility with the UL3Q's innovative Face Up/Down tilt support. Whether mounted high or low, each display can be adjusted to better meet viewers at eye level, promoting maximum engagement regardless of installation height. This versatility optimizes both spatial efficiency and visual comfort, delivering clear information from various viewing angles.

* 76"/86" are not supported.

** This display tilts up/down up to 15 degrees; do not exceed this range to prevent damage.



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.



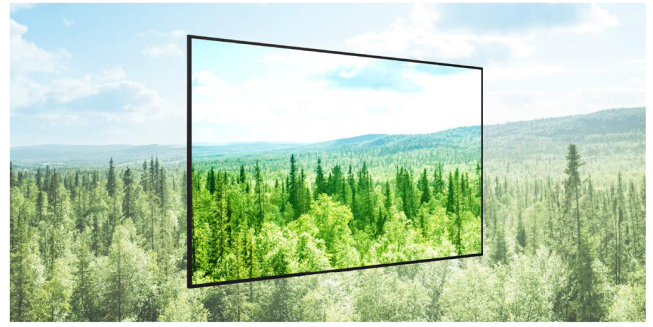
Built-In Brightness Sensor

The UL3Q's front-mounted sensor automatically adjusts brightness to match various lighting conditions, helping to optimize viewing quality and energy efficiency without manual intervention. This adaptive feature helps maintain consistent display performance while supporting power savings, delivering improved visual experience that responds to environmental changes.



Advanced Security Architecture

The UL3Q incorporates LG’s Enhanced Kernel Protection (EKP) technology, safeguarding critical data from unauthorized access and potential security threats. This commitment to information security is validated by the ISO/IEC 15408 Common Criteria EAL2 certification, providing businesses with the confidence that their sensitive content and operations remain protected in today’s challenging security landscape.



Award-Winning Sustainability*

The UL3Q series embodies LG Display’s ESG commitment: “Better Life for All.” This company-wide dedication to environmental responsibility has earned the prestigious 2025 EcoVadis Platinum medal, placing us among the top 1% of global companies for sustainability excellence.

* <https://www.avinteractive.com/news/business/lg-display-ranked-in-top-1-for-sustainability-by-ecovadis-10-03-2025/#:-:text=By%20AV%20Magazine%20in%20Business,performance%20from%20other%20rating%20agencies>



LG ConnectedCare

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.



EPEAT Registered

The Electronic Product Environmental Assessment Tool (EPEAT) is a method for several layers of customers to evaluate the effect of a product on the environment. UL3Q is EPEAT Bronze-certified* display which means that it meets all the required criteria in Computers and Displays category.

* Registered on May, 2025

CONNECTIVITY

86" / 75" / 65" / 55" / 50" / 43"



1 2 3 4 5 6 7 8 9

- 1 LAN IN
- 4 HDMI IN 1
- 7 AUDIO OUT
- 2 USB 2.0 IN 1
- 5 HDMI IN 2
- 8 RS-232C IN
- 3 USB 2.0 IN 2
- 6 HDMI IN 3
- 9 RS-232C OUT

SPECIFICATIONS

		86UL3Q-E	75UL3Q-E	65UL3Q-E	55UL3Q-E	50UL3Q-E	43UL3Q-E	
Panel	Screen Size (Inch)	86"	75"	65"	55"	50"	43"	
	Panel Technology	ADS	ADS	ADS	ADS	VA	ADS	
	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	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	3840x2160 (UHD)	
	Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	
	Brightness (Typ.)	350 nits	350 nits	350 nits	350 nits	350 nits	350 nits	
	Contrast Ratio	1,200:1	1,200:1	1,200:1	1,200:1	4,500:1	1,200:1	
	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 x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	
	Color Depth (Number of Colors)	Advanced 10bit, 1.07 Billion colors	1.07Billion colors (8bit + FRC)	1.07Billion colors (8bit + FRC)	10bit, 1.07Billion colors	10 bit(D), 1.07Billion colors	10-bit(D), 1.07Billion colors	
	Response Time	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)	
	Surface Treatment (Haze)	1%	1%	1%	1%	25%	1%	
Lifetime	Up to 30,000 Hrs	Up to 30,000 Hrs	Up to 30,000 Hrs	Up to 30,000 Hrs	Up to 30,000 Hrs	Up to 30,000 Hrs		
Operation Hours (Hours/Day)	16/7	16/7	16/7	16/7	16/7	16/7		
Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes		
Connectivity (Jack Interface)	Input	HDMI In ((3), HDCP2.2/1.4), RS232C ((1), 4pin Phone-jack), RJ45 (LAN) In (1), USB2.0 Type A(2)						
	Output	Audio Out (1), RS232C Out						
Mechanical	Bezel Color	Black	Black	Black	Black	Black	Black	
	Bezel Width	12.9mm (Even)	12.9mm (Even)	10.8mm (Even)	10.8mm (Even)	10.8mm (Even)	10.7mm (Even)	
	Weight (Head)	70.1 lbs. / 31.8 kg	53.1 lbs. / 24.1 kg	36.4 lbs. / 16.5 kg	26.5 lbs. / 12 kg	20.5 lbs. / 9.3 kg	16.7 lbs. / 7.6 kg	
	Packed Weight	93.9 lbs. / 42.6 kg	69.7 lbs. / 31.6 kg	48.1 lbs. / 21.8 kg	33.9 lbs. / 15.4 kg	26.9 lbs. / 12.2 kg	21.4 lbs. / 9.7 kg	
	Monitor Dimensions (W x H x D)	75.9 x 43.2 x 2.4 in. 1926.6 x 1098 x 60 mm	66.1 x 37.8 x 2.3 in. 1679.7 x 958.9 x 58.5 mm	57.2 x 32.6 x 2.4 in. 1452.9 x 829.2 x 59.7 mm	48.6 x 27.8 x 2.3 in. 1234.2 x 706.7 x 58.9 mm	44.1 x 25.3 x 2.4 in. 1120.2 x 641.4 x 59.9 mm	37.9 x 21.8 x 2.3 in. 965 x 554.9 x 59.1 mm	
	Carton Dimensions (W x H x D)	81.9 x 8.7 x 49.5 in. 2080 x 220 x 1255 mm	73.9 x 6.9 x 45.1 in. 1875 x 175 x 1145 mm	64.4 x 5.6 x 38.4 in. 1635 x 141 x 976 mm	54.3 x 4.6 x 32.5 in. 1380 x 118 x 825 mm	49.4 x 4.6 x 29.9 in. 1255 x 118 x 760 mm	42.1 x 4.4 x 25.4 in. 1070 x 113 x 645 mm	
	VESA™ Standard Mount Interface	600 x 400 mm	400 x 400 mm	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm	
Key Features	Internal Memory 8 GB, Wi-Fi/BT (Built-in), Sensor (Temperature Sensor, Auto Brightness Sensor, Acceleration (Gyro) Sensor), Local Key Operation (Power On/Off only), webOS5.1, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Image (Booting Logo Image, No Signal Image), Sync (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, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Crestron Connected, Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC, SI Server Setting, webRTC, Pro-Idiom							
Environmental Conditions	Operation Temperature	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 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	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	
	Power Type	Built-In Power						
	Power Consumption	Typ. / Max.	205 W / 287 W	155 W / 227 W	114 W / 176 W	98 W / 154 W	90 W / 152 W	83 W / 134 W
		BTU (British Thermal Unit)	699.489BTU/Hr (Typ.), 979.284BTU/Hr (Max.)	528.882BTU/Hr (Typ.), 774.556BTU/Hr (Max.)	388.984BTU/Hr (Typ.), 600.537BTU/Hr (Max.)	334.390BTU/Hr (Typ.), 525.469BTU/Hr (Max.)	307.093BTU/Hr (Typ.), 518.645BTU/Hr (Max.)	283.208BTU/Hr (Typ.), 457.227BTU/Hr (Max.)
		Smart Energy Saving (70%)	143.5 W	108.5 W	79.8 W	68.6 W	63 W	58.1 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	Built-in Speakers	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	Yes (10W X 2)	
Certification	Safety	CB	CB	CB	CB	CB	CB	
	EMC	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	FCC Class "B" / CE	
	ERP / Energy Star	N/A (New ERP) /Yes	N/A (New ERP) /Yes	Yes (New ERP) /Yes	Yes (New ERP) /Yes	Yes (New ERP) /Yes	Yes (New ERP) /Yes	
	ePEAT (US Only)	Yes	Yes	Yes	Yes	Yes	Yes	
Software Compatibility	SuperSign CMS, SuperSign Control+, SuperSign WB, SuperSign Cloud, Mobile CMS, LG ConnectedCare							
Language	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek, Türkçe, Arabic, polski							
Warranty & Other	Basic	Remote Controller(include battery 2ea), Power Cord, Regulation Book, Easy setup guide, Warranty Card, Phone to D-Sub9 Gender						
	Conformal Coating (Power Board)	Yes	Yes	Yes	Yes	Yes	Yes	
	Tilt (Face up/Face down)	No / No	No / No	15° / 15°	15° / 15°	15° / 15°	15° / 15°	
	Warranty	3 year limited	3 year limited	3 year limited	3 year limited	3 year limited	3 year limited	