

3250UL5QE

LG UL5QE 50" 4K UHD Signage Display

Product Overview

LG UL5QE 50" 4K UHD Signage Display, Resolution: 3,840 x 2,160 (UHD), Brightness: 500 nit (Typ.), 24Hr Usage Scene (24 Hours / 7 Days), Face Up/Down with Tilt Support, Even Bezel, High-Performance with webOS 6.1



Specifications

About this product

The LG 50UL5Q-E 50 inch 4K UHD Signage Display delivers sharp 3,840 x 2,160 resolution, 500 nit brightness and reliable 24/7 operation for professional digital signage. With webOS 6.1, built-in Wi-Fi and Bluetooth, USB plug and play, portrait and landscape support, and an even bezel design, it is suited to retail, corporate, hospitality, education and commercial display applications. Buy this LG 50UL5Q-E online today for professional 4K signage in South Africa.

Overview Summary

LG 50UL5Q-E 50 inch 4K UHD Signage Display

The LG 50UL5Q-E is a professional 50 inch UHD signage display designed for continuous commercial operation. Its 3,840 x 2,160 4K UHD resolution provides detailed digital content, while the 500 nit typical brightness, 4,500:1 contrast ratio and 178 x 178 degree viewing angle support clear content presentation across a wide viewing area.

Built for 24/7 signage use, the display features webOS 6.1, 8GB internal eMMC memory, built-in Wi-Fi and Bluetooth, USB plug and play, local content scheduling and Group Manager functionality. HDMI connectivity, LAN, USB 2.0 and RS232C interfaces provide flexible options for connecting and managing professional signage systems.

Performance tier: Professional commercial 4K signage

Uses: Retail signage, corporate communications, hospitality displays, education, reception areas, information displays, advertising, digital menus

Quick Specifications:

- Screen size: 50 inches
- Flat or curve: Flat
- Panel type: VA
- Aspect ratio: 16:9
- Resolution: 3840 x 2160 pixels
- Refresh rate: 60 Hz
- Brightness (nits): 500 nits
- Contrast ratio: 4,500:1
- View angle (degrees): 178 x 178 degrees
- Response time (ms): 8 ms
- Frequency (Hz): 60 Hz
- Sync: -
- Video ports: 3 x HDMI
- VESA: 200 x 200 mm
- Monitor performance tier: Professional commercial signage
- Uses: Digital signage, retail displays, corporate communications, hospitality, education, digital menus

Strong reasons to buy

- Designed for continuous 24/7 commercial signage operation.
- 4K UHD resolution provides detailed content at 3840 x 2160 pixels.
- 500 nit typical brightness supports clear commercial content presentation.
- webOS 6.1 provides an integrated platform for professional signage functions.
- Built-in Wi-Fi and Bluetooth provide flexible connectivity options.

- USB plug and play supports convenient content playback.
- Portrait and landscape orientation support provides flexible installation options.
- Even 10.8 mm bezel width provides a consistent screen design.

Description

The LG 50UL5Q-E is a 50 inch professional UHD signage display designed for businesses and organisations that need reliable digital content presentation. Its 4K UHD resolution of 3,840 x 2,160 pixels provides detailed imagery and text, making it suitable for advertising, information screens, digital menus, corporate communications and other commercial signage applications.

The VA panel uses a direct backlight and provides a 4,500:1 contrast ratio, 500 nit typical brightness and an 8 ms response time. A 178 x 178 degree viewing angle helps content remain visible across a broad viewing area. The display supports both portrait and landscape orientation, giving installers greater flexibility when planning commercial display layouts.

For continuous signage requirements, the LG 50UL5Q-E is designed for 24 hours per day, 7 days per week operation and has a minimum rated lifetime of 30,000 hours. Its even 10.8 mm bezel provides a clean professional appearance for business environments.

webOS 6.1 provides integrated signage functionality including local content scheduling, Group Manager, USB plug and play and failover support. The display also includes 8GB internal eMMC memory, built-in Wi-Fi and Bluetooth, a temperature sensor, automatic brightness sensor and acceleration sensor.

Connectivity includes 3 x HDMI inputs, 2 x USB 2.0 Type A ports, RJ45 LAN, RS232C input, RS232C output and audio output. The LG 50UL5Q-E also supports VESA 200 x 200 mm mounting, making it suitable for compatible commercial wall and mounting solutions.

Features

The LG 50UL5Q-E combines 4K picture quality, continuous operation and integrated signage features in a professional 50 inch display designed for commercial environments.

- 4K UHD resolution: 3,840 x 2,160 resolution provides detailed digital content and sharp text.
- 500 nit brightness: Typical brightness of 500 nits supports clear content presentation.
- 24/7 operation: Designed for continuous commercial signage use 24 hours per day, 7 days per week.
- webOS 6.1: Integrated signage platform with features for content management and display control.
- VA panel: Provides a 4,500:1 contrast ratio for defined image presentation.
- Wide viewing angle: 178 x 178 degree viewing angle supports broad audience visibility.
- Portrait and landscape support: Allows flexible screen orientation for different signage requirements.
- Even bezel: 10.8 mm even bezel provides a consistent professional appearance.
- USB plug and play: Supports convenient content playback from compatible USB devices.
- Local content scheduling: Allows scheduled playback of local signage content.
- Group Manager: Provides functionality for managing compatible signage displays.
- Failover: Supports failover functionality for signage applications.
- Built-in wireless connectivity: Integrated Wi-Fi and Bluetooth provide flexible connectivity.
- Internal memory: 8GB eMMC internal memory is included.
- VESA mounting: Supports a 200 x 200 mm VESA mounting interface.

Superb Picture Quality with Ultra HD Resolution

The UL5Q-E series, with UHD resolution, enhances the realism of colors and details in the content. Its wide viewing angle offers clear visuals, while its 500-nit brightness vividly showcases the content.

High-Performance with LG webOS 6.1

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Product Specification Sheet

LG webOS 6.1 is available on the UL5Q-E series for smooth execution of multiple tasks. The LG webOS smart signage platform enhances user convenience with an intuitive GUI*.

Even Bezel Design

The UL5Q-E series features even bezels, enhancing the aesthetic appeal of various spaces. These uniform bezels not only facilitate easy installation but also transform standard displays into elegant focal points.

Adaptive Viewing Experience

Experience the flexibility with the UL5Q-E series' up/down tilt capability. Whether mounted high or low, the display can be adjusted to eye level, offering viewer engagement regardless of installation height. This versatility not only enhances spatial efficiency but also provides visual comfort, delivering clear information from various viewing angles.

Engineered for 24/7 Operation

Built for environments that never sleep, the UL5Q-E series features panel technology that enables 24/7 operation.

Built-In Brightness Sensor

The UL5Q-E series' front-mounted brightness sensor automatically adjusts brightness to match various lighting conditions, optimizing viewing quality and energy efficiency without manual intervention. This adaptive feature offers consistent display performance while also supporting power optimization, delivering a visual experience that dynamically responds to environmental changes.

Advanced Security Architecture

The UL5Q-E series 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.

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 anytime, anywhere from their mobile phone & PC in a network-accessible environment, with 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.

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. UL5Q-E series is an EPEAT Bronze-certified* display which means that it meets all the required criteria in the Computers and Displays category.

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.

Whats in the Box

- LG 50UL5Q-E 50 inch UHD signage display

Specifications

INFO	
Product	Standard (UHD)
Year	Y25

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Product Specification Sheet

Month	M09(TBD)
PANEL	
Screen Size (Inch)	50"
Panel Technology	VA
Back Light Type	Direct
Aspect Ratio	16::9
Native Resolution	3840x2160 (UHD)
Refresh Rate	60Hz
Brightness	500nit (Typ.)
Contrast Ratio	4, 500::1
Dynamic CR	1, 000, 000:1
Color gamut	DCI 80%
Viewing Angle (H x V)	178 x 178
Color Depth (Number of Colors)	10 bit(D), 1.07Billion colors
Response Time	8ms (G to G)
Surface Treatment (Haze)	0.25
Life time	30, 000Hrs (Min)
Operation Hours (Hours/Day)	24/7
Portait / Landscape	Yes / Yes
CONNECTIVITY (JACK INTERFACE)	
HDMI IN	Yes(3), HDCP2.2/1.4
RS232C IN	Yes (1), 4pin Phone-jack
RJ45(LAN) IN	Yes (1)
USB IN	USB2.0 Type A(2)
Audio Out	Yes (1)
RS232C Out	Yes
MECHANICAL	
Bezel Color	Black
Bezel Width	10.8mm Even
Weight (Head)	9.3
Packed Weight	12.2
Monitor Dimensions (W x H x D)	1120.2 X 641.4 X 59.9
Carton Dimensions (W x H x D)	1255 X 118 X 760
VESATM Standard Mount Interface	200 x 200
HW FEATURE	
Internal Memory (eMMC)	8GB
Wi-Fi/BT (Built-in)	Yes

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Product Specification Sheet

Temperature Sensor	Yes
Auto Brightness sensor	Yes
Acceleration(Gyro) Sensor	Yes
Local Key Operation	Yes (Power On/Off only)
SW FEATURE	
OS Ver. (webOS)	webOS6.1
Local Contents Scheduling	Yes
Group Manager	Yes
USB Plug & Play	Yes
Fail over	Yes
Booting Logo Image	Yes
No Signal Image	Yes
RS232C Sync	Yes
Local Network Sync	Yes
Screen Share	Yes
Video Tag	Yes(4, Max One HDMI input)
Play via URL	Yes
Screen Rotation	Yes
External Input Rotation	Yes
Gapless Playback	Yes
Tile Mode Setting	Yes
Setting Data Cloning	Yes
SNMP	Yes
ISM Method	Yes
Auto Set ID	Yes
Status Mailing	Yes
Control Manager	Yes
Cisco Certification	Yes (TBD)
Crestron Connected	Yes
Smart Energy Saving	Yes
PM mode	Yes
Wake on LAN	Yes
Network Ready	Yes
Beacon	Yes
HDMI-CEC	Yes
SI Server Setting	Yes
webRTC	Yes

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Product Specification Sheet

Pro:Idiom	Yes
ENVIRONMENT CONDITIONS	
Operation Temperature	0 degreesC to 40 degreesC (Portrait Scene : 0 degreesC to 35 degreesC)
Operation Humidity	10 % to 80 %
POWER	
Power Supply	AC 100-240V~, 50/60Hz
Power Type	Built-In Power
POWER CONSUMPTION	
Typ.	115W
Max.	174W
BTU (British Thermal Unit)	392.396BTU/Hr(Typ.), 593.713BTU/Hr(Max.)
Smart Energy Saving (70%)	80.5W
DPM	0.5W
Power off	0.5W
SOUND	
Speaker (Built-in)	Yes (10W X 2)
CERTIFICATION	
Safety	CB
EMC	FCC Class "B" / CE
ErP / Energy Star	Yes(New ERP)/Yes
ePEAT(US only)	Yes
SOFTWARE COMPATIBILITY	
SuperSign CMS	Yes
SuperSign Control+	Yes
SuperSign WB	Yes
SuperSign Cloud	Yes
Mobile CMS	Yes
Connected Care	Yes
LANGUAGE	
OSD	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
ACCESSORY	
Basic	Remote Controller(include battery 2ea), Power Cord, Regulation Book, Easy setup guide, Warranty Card, Phone to D-Sub9 Gender
SPECIAL FEATURE	
Tilt (Face up)	15 degree
Tilt (Face Down)	15 degree

Conformal Coating (Power Board)	Yes
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FAQ

What is the resolution of the LG 50UL5Q-E?

The LG 50UL5Q-E has a 3,840 x 2,160 pixel 4K UHD native resolution.

Is the LG 50UL5Q-E designed for 24/7 operation?

Yes. The LG 50UL5Q-E is designed for continuous 24 hours per day, 7 days per week commercial signage operation.

How bright is the LG 50UL5Q-E signage display?

The display has a typical brightness rating of 500 nits.

What operating system does the LG 50UL5Q-E use?

The LG 50UL5Q-E uses webOS 6.1 and includes signage functions such as local content scheduling, Group Manager, USB Plug and Play and failover.

Can the LG 50UL5Q-E be installed in portrait orientation?

Yes. The display supports both portrait and landscape orientations.

What connections are available on the LG 50UL5Q-E?

The display provides 3 x HDMI inputs, 2 x USB 2.0 Type A inputs, 1 x RJ45 LAN input, 1 x RS232C input, RS232C output and 1 x audio output.

Does the LG 50UL5Q-E have built-in wireless connectivity?

Yes. The LG 50UL5Q-E includes built-in Wi-Fi and Bluetooth.

What VESA mounting pattern does the LG 50UL5Q-E use?

The display uses a 200 x 200 mm VESA standard mount interface.

What are suitable uses for the LG 50UL5Q-E?

The LG 50UL5Q-E is suitable for retail signage, corporate communications, hospitality, education, digital menus, information displays and other professional digital signage applications.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/3250UL5QE-LG-UL5QE-50-4K-UHD-Signage-Display-Buy-p-340877.php>

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Product Specification Sheet

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