

3255UH5QE

LG UH5Q Series 55" UHD Standard Signage

Product Overview

LG UH5Q Series 55" UHD Standard Signage, Resolution: 3,840 x 2,160 (UHD), Brightness: 500 nits (Typ.), Bezel Width: 11.4 mm (Even Bezel), webOS Smart Platform, LG Shield



Specifications

About this product

The LG 55UH5Q-E 55 inch UHD Standard Signage display delivers detailed 3,840 x 2,160 UHD resolution, 500 nits typical brightness, 60Hz refresh rate and a slim 11.4 mm even bezel for clear, professional digital signage. With webOS 8.0, built-in Wi-Fi, multiple HDMI inputs, USB connectivity, 24/7 operation and LG Shield security features, it is designed for retail, corporate, hospitality, education and other commercial display environments. Buy this LG 55 inch UHD signage display online for a professional digital signage solution in South Africa.

Overview Summary

LG 55UH5Q-E 55 inch UHD Standard Signage Display

The LG 55UH5Q-E is a professional 55 inch UHD digital signage display designed for continuous commercial operation. Its 3,840 x 2,160 UHD resolution, 500 nits typical brightness, 16:9 aspect ratio and ADS panel provide detailed content with a wide 178 x 178 degree viewing angle. The 11.4 mm even bezel creates a clean and consistent appearance for professional installations.

The display uses the webOS 8.0 smart platform and includes 16GB of internal memory, built-in Wi-Fi, USB 2.0 connectivity, three HDMI inputs, DisplayPort input, LAN connectivity and RS-232C control. It supports portrait and landscape installation, 24/7 operation, PBP, video tag and tile mode up to 15 x 15 displays, making it suitable for digital menus, retail advertising, corporate communications, information displays and commercial signage.

Performance tier: Professional commercial digital signage

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

Quick Specifications:

- Screen size: 55 inches
- Flat or curve: Flat
- Panel type: ADS
- Aspect ratio: 16:9
- Resolution: 3840 x 2160
- Refresh rate: 60 Hz
- Brightness (nits): 500 nits
- Contrast ratio: 1200:1
- View angle (degrees): 178 x 178 degrees
- Response time (ms): 8 ms
- Frequency (Hz): 60 Hz
- Sync: -
- Video ports: 3 x HDMI, 1 x DisplayPort
- VESA: 300 x 300 mm
- Monitor performance tier: Professional commercial digital signage
- Uses: Retail signage, digital menus, corporate displays, hospitality, education, information displays

Strong reasons to buy

- UHD 4K resolution: 3,840 x 2,160 resolution provides detailed digital signage content for professional environments.
- 500 nits brightness: High typical brightness helps deliver clear and visible content in commercial environments.

- 24/7 operation: Designed for continuous commercial signage operation.
- webOS 8.0: Provides a smart platform for managing and displaying digital signage content.
- Flexible installation: Supports both portrait and landscape orientation.
- Professional connectivity: Includes HDMI, DisplayPort, USB, LAN and RS-232C connections for commercial display integration.
- LG Shield: Provides security features designed to help protect the display system and network.

Description

The LG 55UH5Q-E is a 55 inch UHD Standard Signage display built for professional commercial environments where reliable, detailed and continuously available digital content is required. Its 3,840 x 2,160 UHD resolution delivers four times the pixel count of Full HD, making text, graphics, menus, promotional material and information content highly detailed on the large screen.

The ADS panel uses an edge backlight and provides a 178 x 178 degree horizontal and vertical viewing angle. With 500 nits typical brightness, a 1,200:1 typical contrast ratio, 10-bit colour depth and BT.709 95% colour gamut, the display is designed to present professional digital signage content with clear detail and colour reproduction.

The 11.4 mm even bezel gives the screen a consistent appearance on all sides and supports a clean professional installation. The display can be installed in either portrait or landscape orientation, allowing businesses to adapt the screen to different signage layouts and content requirements.

For commercial deployment, the LG 55UH5Q-E supports 24/7 operation and has a minimum rated lifetime of 50,000 hours. The webOS 8.0 smart platform, 16GB internal memory and built-in Wi-Fi support convenient signage operation, while HDMI, DisplayPort, USB, LAN and RS-232C connectivity provide flexible options for content sources and display management.

The display also supports PBP, video tag and tile mode of up to 15 x 15 displays, making it suitable for larger commercial signage installations. Typical applications include retail advertising, digital menus, hospitality information, corporate communications, educational information displays and reception signage.

Features

The LG 55UH5Q-E combines a professional UHD display panel with smart signage functionality and commercial connectivity for demanding digital display environments.

- 55 inch UHD display: Large 55 inch screen with 3,840 x 2,160 native resolution for detailed commercial content.
- 500 nits brightness: Typical brightness of 500 nits for clear digital signage presentation.
- ADS panel: Professional panel technology with a 178 x 178 degree viewing angle.
- 60Hz refresh rate: Supports smooth presentation of digital content at up to 60Hz.
- 24/7 operation: Designed for continuous commercial signage use.
- Even slim bezel: 11.4 mm bezel width provides a consistent and professional screen appearance.
- webOS 8.0: Integrated smart signage platform for commercial display applications.
- 16GB internal memory: Built-in eMMC storage for supported signage functions and content.
- Built-in Wi-Fi: Wireless network connectivity for supported smart signage functions.
- Portrait and landscape support: Allows flexible screen orientation for different installation requirements.
- Multi-display support: Tile mode supports configurations of up to 15 x 15 displays.
- PBP support: Picture-by-picture functionality supports multiple content sources.
- Video Tag: Supports video tag functionality for compatible signage applications.
- LG Shield: Security features help protect the display system and network environment.
- Professional connectivity: Includes HDMI, DisplayPort, USB, LAN, RS-232C and audio output connections.
- VESA mounting: Supports a 300 x 300 mm VESA mounting interface.

Superb Picture Quality with Ultra HD Resolution

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

Even & Slim Bezel Design

The UH5Q series features perfectly balanced horizontal and vertical slim bezels, creating a visually harmonious display solution. Its specialized design simplifies installation in retail environments while delivering a truly immersive viewing experience.

Convenient webOS Platform

The UH5Q is equipped with a high-performance SoC that allows for multiple tasks to be performed without a separate media player. The webOS platform provides app development tools with an intuitive UI that enhances user convenience, and includes webOS partner apps to create an SI-friendly environment.

Design for Space Utilization

Designed with thin bezels and simple cable management, the UH5Q saves space. With specialized hidden power inlets, it can be installed close to the wall, leaving only about 13.5 mm of space with the slim bracket.

Durability that Provides Reliability

Optimized for business environments, the UH5Q is protected against salt, dust, iron powder and humidity thanks to conformal partial coating on power board, allowing for stable operation. Also, its customer-centric features, such as IP5x and Shock Monitoring*, provide both reliability and satisfaction.

Comprehensive Security

webOS Signage goes beyond security measures at the operating system (OS) level. LG Shield employs a five-tiered defense system, encompassing server, application, operating system, system, and hardware. Each layer operates independently, providing comprehensive protection against various threats. Also webOS platform support ETSI EN 303 645.

SuperSign Solutions

SuperSign is an integrated and intuitive content management solution for creative and organized digital signage content in your space, connecting customers to a range of services with convenient user experiences. There are a variety of versions such as SuperSign Cloud, so discover and enjoy the version that best fits you.

What's in the Box

- LG 55UH5Q-E UHD signage display

Specifications

PANEL	
Screen Size (Inch)	55"
Panel Technology	ADS
Back Light Type	Edge
Aspect Ratio	16::9
Native Resolution	3840 x 2160 (UHD)
Refresh Rate	60Hz
Brightness	500nit (Typ.)
Contrast Ratio	1, 200:1 (Typ)
Dynamic CR	1, 000, 000:1
Color Gamut	BT709 95%

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Viewing Angle (H x V)	178 X 178
Color Depth (Number of Colors)	10bit(D), 1.07Billion colors
Response Time	8m (G to G)
Surface Treatment (Haze)	25%(Typ)
Life time	50, 000Hrs (Min.)
Operation Hours (Hours/Day)	24/7
Portrait / Landscape	Yes / Yes
Transparency	NO
QWP (Quarter Wave Plate)	N/A
CONNECTIVITY	
HDMI In	Yes(3), 3840x2160@60Hz, HDCP 2.2/1.4
HDMI In (HDCP Ver.)	2.2/1.4
DP In	Yes(1), 3840x2160@60Hz, HDCP2.2/1.3
DVI-D In	NO
RGB In	NO
Audio In	NO
RS232C In	Yes (1), 4pin Phone-jack
RJ45(LAN) In	Yes (1)
IR In	Yes (1)
USB In	USB2.0 Type A(2)
HDMI Out	NO
DP Out	NO
Audio Out	Yes (1)
Touch USB	NO
External Speaker Out	NO
RS232C Out	Yes (1), 4pin Phone-jack
RJ45(LAN) Out	NO
IR Out	No (Support IR daisy chain via RS232C IN/OUT)
Daisy Chain	NO
MECHANICAL SPECIFICATION	
Bezel Color	Black
Bezel Width	Even bezel : 11.4mm
Weight (Head)	14.3 kg
Packed Weight	18.1 kg
Monitor Dimensions (W x H x D)	1240.1 x 711.9 x 29.7mm
Monitor Dimension with Stand (W x H x D)	N/A

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Handle	NO
VESA Standard Mount Interface	300 x 300
Carton Dimensions (W x H x D)	1360.0 x 810.0 x 152.0mm
Weight (Head+Stand)	N/A
FEATURE - HARDWARE	
Internal Memory (eMMC)	16GB
Wi-Fi/BT (Built-in)	Yes
Temperature Sensor	Yes
Auto Brightness Sensor	Yes(Built-in for Europe only, sold separately in other regions)
Pixel Sensor	NO
Proximity Sensor	NO
Current Sensor	NO
BLU Sensor	NO
Humidity Sensor	NO
Acceleration(Gyro) Sensor	Yes
Power Indicator	NO
Local Key Operation	Yes
FAN (Built-in)	NO
FEATURE - SOFTWARE	
OS Ver. (webOS)	webOS8.0
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
Backlight Sync	NO
PIP	Yes
PBP	Yes (4)
Screen Share	Yes
Video Tag	Yes (4)
Play via URL	Yes
Screen Rotation	Yes
External Input Rotation	Yes
Gapless Playback	Yes

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Tile Mode Setting	Yes (Max. 15x15)
Setting Data Cloning	Yes
SNMP	Yes
ISM Method	Yes
Auto Set ID	Yes
Status Mailing	Yes
Control Manager	Yes
Cisco Certification	YES
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
Pro:Idiom	Yes
Brightness Compensation	NO
W/B Setting by Grey scale	NO
Scan Inversion	NO
ENVIRONMENT CONDITIONS	
Operation Temperature	0degreesC to 40degreesC
Operation Humidity	10 % to 80 %
POWER	
Power Supply	AC 100-240V~, 50/60Hz
Power Type	Built-In Power
POWER CONSUMPTION	
BTU (British Thermal Unit)	351 BTU/Hr(Typ.), 525 BTU/Hr(Max)
Smart Energy Saving (70%)	72W
DPM	0.5W
Power off	0.5W
Max.	154 W
Typ.	103W
SOUND	
Speaker (Built-in)	Yes (10W X 2)
CERTIFICATION	

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Safety	CB / NRTL
EMC	FCC Class "B" / CE / KC
ERP / Energy Star	Yes / Yes
ePEAT(US only)	YES
OPS COMPATIBILITY	
OPS Type compatible	N/A
OPS Power Built-in	N/A
SOFTWARE COMPATIBILITY	
SuperSign CMS	Yes
SuperSign Control+	Yes
SuperSign WB	Yes
SuperSign Cloud	Yes
Promota	NO
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, QSG, Regulation Book, Phone to RS232C Gender, Cable Holder (For Power Cord), IR/Light sensor receiver(EU/EK Only), Magnetic sheet(2EA, EU/EK Only)
Optional	Slim Wall Mount (WB21LMA/B), Normal Wall Mount (OLW480A/B), IR/Light sensor receiver (ACC-L)
SPECIAL FEATURE	
Overlay Touch Compatibility	N/A
Smart Calibration	N/A
Tilt (Face up)	N/A
Tilt (Face down)	Max. 15 degree (40degreesC temperature)
IP Rating	IP5X
Conformal Coating (Power Board)	Yes (Partial space coating)
Power Protection	N/A
Direct Sunlight	N/A

FAQ

What is the LG 55UH5Q-E used for?

The LG 55UH5Q-E is designed for professional digital signage applications such as retail advertising, digital menus, hospitality information, corporate communications, education and commercial information displays.

What resolution does the LG 55UH5Q-E have?

The display has a native UHD resolution of 3840 x 2160 pixels, providing detailed 4K digital signage content.

Can the LG 55UH5Q-E operate 24/7?

Yes. The LG 55UH5Q-E is designed for 24/7 commercial operation and has a minimum rated lifetime of 50,000 hours.

What brightness does the LG 55UH5Q-E provide?

The LG 55UH5Q-E has a typical brightness rating of 500 nits.

Does the LG 55UH5Q-E support portrait orientation?

Yes. The display supports both portrait and landscape installation.

What operating system does the LG 55UH5Q-E use?

The LG 55UH5Q-E uses the webOS 8.0 smart platform and includes 16GB of internal eMMC memory.

What connectivity does the LG 55UH5Q-E provide?

The display provides 3 x HDMI inputs, 1 x DisplayPort input, 2 x USB 2.0 Type-A ports, 1 x RJ45 LAN input, RS-232C input and output, IR input and audio output.

Does the LG 55UH5Q-E have built-in speakers?

Yes. The display has 2 x 10W built-in speakers.

What VESA mount does the LG 55UH5Q-E support?

The LG 55UH5Q-E supports a 300 x 300 mm VESA mounting interface.

What is the bezel width of the LG 55UH5Q-E?

The display has an even bezel measuring 11.4 mm, providing a consistent professional appearance around the screen.

Is the LG 55UH5Q-E suitable for commercial digital signage?

Yes. Its UHD resolution, 500 nits typical brightness, 24/7 operation, webOS platform, professional connectivity and commercial signage features make it suitable for a wide range of business display 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/3255UH5QE-LG-UH5Q-Series-55-UHD-Standard-Signage-Buy-p-340876.php>

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