



## DESCRIPTION

### UHD Signage Display with LG webOS Platform and Advanced Security

#### High Resolution Display

It offers a resolution that is four times higher than FHD, satisfying customers visually. Additionally, the anti-glare coating on the screen reduces screen reflection in bright lighting environments, increasing visibility and legibility, providing customers with a comfortable screen.

#### Convenient webOS Platform

The UM5N-H 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, enabling easy connection with external sensors and webOS partner apps to create an SI-friendly environment.

#### Durability that Provides Reliability

Optimized for business environments, the UM5N-H is protected against salt, dust, iron powder and humidity thanks to conformal coating on power board, allowing for stable operation. Also, its customer-centric features, such as IP5x, 30-degree tilting and Shock Monitoring, provide both reliability and satisfaction.

#### Design for Space Utilization

Designed with thin bezels and simple cable management, the UM5N-H saves space. With specialized hidden power inlets, it can be installed close to the wall, leaving only about 13 mm of space with the slim bracket.

#### Enhanced Security Features

The UM5N-H provides security features, including LG's Enhanced Kernel Protection (EKP) technology, protecting important data from external access or attacks. LG UHD Signage also holds reliable certification in the field of information security, maintaining customers' data and businesses securely. For example, this model is ISO/IEC 15408 Common Criteria EAL2 Certified.

#### Sustainability

With a commitment to innovation and sustainability, LG is continuously striving to create a better future for manufacturers, consumers, and future generations. With a focus on minimizing waste, maximizing recycling, and efficient power management, LG actively strives for sustainability, obtaining various certifications such as FCC EMC Class B.

## 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.

## TECHNICAL CHARACTERISTICS

Brand : LG

Part number : 49UM5N-H

### Connectivité :

RS-232C : Yes

### Représentation / réalisation :

HDCP : Yes

### Autres caractéristiques :

Plug and Play : Yes

AC input frequency : 50-60 Hz

AC input voltage : 100-240 V

Audio output : 1

Automatic brightness control : Yes

Batteries included : Yes

Bezel width (bottom) : 1.24 cm

Bezel width (side) : 1.14 cm

Bezel width (top) : 1.24 cm

Built-in speaker(s) : Yes

Cables included : AC, Phone

Colour depth : 10 bit

Colour gamut : 95%

Computer system : Yes

Computer system type : System on Chip (SoC)

Contrast ratio (dynamic) : 1000000:1

Contrast ratio (typical) : 1100:1

Display brightness : 500 cd/m<sup>2</sup>

Display depth : 57.7 mm

Display diagonal : 124.5 cm (49»)

Display height : 634 mm

Display number of colours : 1.07 billion colours

Display resolution : 3840 x 2160 pixels

Display technology : LCD

Display weight : 11.4 kg

Display width : 1102 mm

DisplayPorts quantity : 1

DVI port : No

Ethernet LAN : Yes

Ethernet LAN (RJ-45) ports : 1

Haze rate : 28%

HD type : 4K Ultra HD

HDCP version : 1.4/2.2/2.3

HDMI input ports quantity : 3

HDMI output ports quantity : 1

HDMI ports quantity : 4

Internal memory : 16 GB

International Protection (IP) code : IP5X

LED backlight : Yes

LED backlighting type : Direct-LED  
Native aspect ratio : 16:9  
Native refresh rate : 60 Hz  
On Screen Display (OSD) : Yes  
Operating hours (hours/days) : 24/7  
Operating relative humidity (H-H) : 10 - 80%  
Operating system installed : Web OS  
Operating system version : 6.0  
Operating temperature (T-T) : 0 - 40 °C  
Orientation : Horizontal/Vertical  
Package depth : 152 mm  
Package height : 736 mm  
Package weight : 14.4 kg  
Package width : 1215 mm  
Panel life : 50000 h  
Panel mounting interface : 300 x 300 mm  
Panel type : IPS  
Picture-in-Picture : Yes  
Placement supported : Indoor  
Power consumption (max) : 160 W  
Power consumption (PowerSave) : 84 W  
Power consumption (standby) : 0.5 W  
Power consumption (typical) : 120 W  
Product colour : Black  
Product design : Digital signage flat panel  
Purpose : Universal  
Real Time Clock (RTC) : Yes  
Remote (IR) input : 1  
Remote control included : Yes  
Response time : 8 ms  
Touchscreen : No  
USB connector type : USB Type-A  
USB port : Yes  
USB ports quantity : 1  
USB version : 2.0  
VESA mounting : Yes  
Viewing angle, horizontal : 178°  
Viewing angle, vertical : 178°  
Wi-Fi : Yes