



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

UHD Signage UM5N-H

UHD Signage Display with LG webOS Platform and Advanced Security



Super High Resolution



webOS Smart Platform



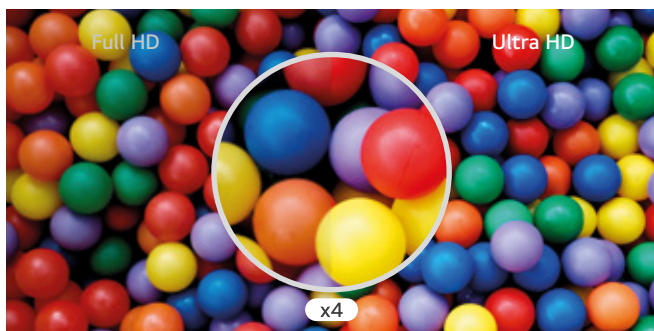
Design for Space Utilization



Enhanced Security

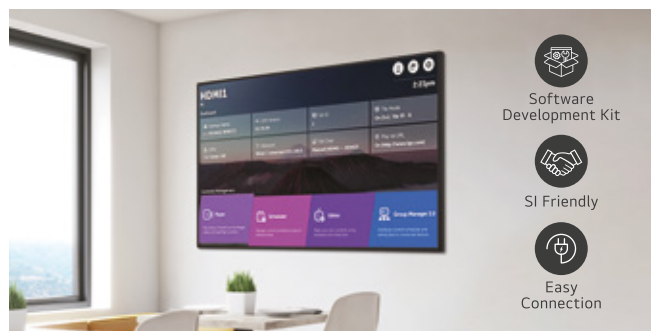
UM5N-H

| | |
|--------------------------|--|
| Screen Size | 65 / 55 / 49 / 43 |
| Screen Resolution | 3,840 x 2,160 (UHD) |
| Brightness | 500 nit (Typ.) |
| Surface Treatment (Haze) | 65 / 55 / 49 / 43 : 28 % |
| Bezel Width | 65 : 12.4 mm (T/R/L/B) |
| | 55 / 49 : 12.4 mm (T/B), 11.4 mm (R/L) |
| | 43 : 12.1 mm (T/B), 11.1 mm (R/L) |



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.

* The product image will differ slightly from the actual appearance of the product due to the variance caused by each inch option.



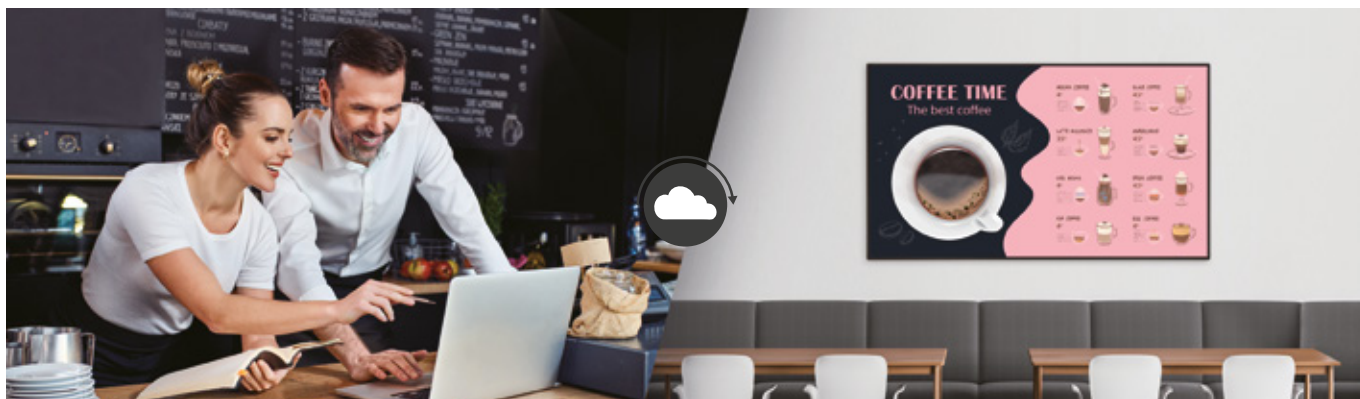
Enhanced Security Features

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.

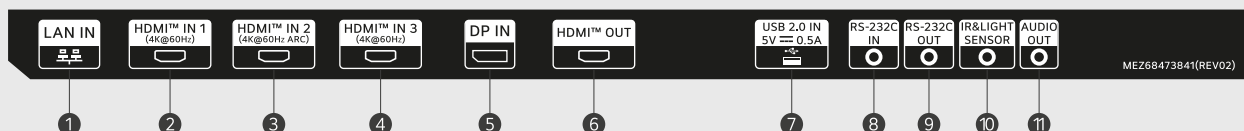


SuperSign Solutions

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.

CONNECTIVITY

65 / 55 / 49 / 43



- ① LAN IN
- ② HDMI IN 1 (4K@60Hz)
- ③ HDMI IN 2 (4K@60Hz ARC)
- ④ HDMI IN 3 (4K@60Hz)
- ⑤ DP IN
- ⑥ HDMI OUT
- ⑦ USB 2.0 IN (5V / 0.5A)
- ⑧ RS-232C IN
- ⑨ RS-232C OUT
- ⑩ IR&LIGHT SENSOR
- ⑪ AUDIO OUT

Specifications

| | | 65UM5N-H | 55UM5N-H | 49UM5N-H | 43UM5N-H |
|---------------------------------|--|---|--|--|--|
| Panel | Screen Size | 65 (165.1 cm) | 55 (139.7 cm) | 49 (124.46 cm) | 43 (109.22 cm) |
| | Panel Technology/ Backlight Type | IPS/Direct | | | |
| | Native Resolution | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) |
| | Brightness (Typ.) | 500 Nits | | | |
| | Contrast (Dynamic) | 1,000,000:1 | | | |
| | Color gamut | BT709 95% | | | |
| | Viewing Angle (H x V) | 178 X 178 | | | |
| | Color Depth | 10bit(D), 1.07Billion colors | | | 8bits + FRC, 1.07Billion colors |
| | Surface Treatment (Haze) | 28% | | | |
| | Response Time | 8ms | | | |
| | Operation Hours (Hours/Day) | 24/7 | | | |
| | Portrait / Landscape | Yes/Yes | | | |
| Connectivity | Input | HDMI (3, HDCP 2.2/1.4), DP (1, HDCP 2.2/1.3), USB 2.0 Type A (1) | | | |
| | Output | HDMI, Audio | | | |
| | External Control | RS232C (4 Pin Phone Jack) In/Out, RJ45 (LAN) In, IR In | | | |
| Mechanical Specification | Bezel Color | Black | | | |
| | Bezel Width | T/R/L/B: 12.4mm (Even) | T/B: 12.4mm R/L: 11.4mm | T/B: 12.4mm R/L: 11.4mm | T/B: 12.1mm R/L: 11.1mm |
| | Weight (Head) | 21.6Kg | 14.2Kg | 11.4Kg | 9.0Kg |
| | Monitor Dimension (W x H x D) | 1458 x 833 x 57.7mm (Without IR) | 1237 x 710 x 57.7mm (Without IR) | 1102 x 634 x 57.7mm (Without IR) | 968 x 559 x 57.7mm (Without IR) |
| | VESA Standard Mount Interface | 300 x 300 | | | 200 x 200 |
| Key Feature | Internal Memory 16GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor(External IR), Acceleration(Gyro) Sensor, Local Key Operation, Embedded CMS (USB Plug & Play, Local Contents Scheduling, Group Manager), Booting Logo & No Signal Image Customization, Fail over, Content Sync (RS232C, Local Network), Screen Share, Play via URL, Screen Rotation, External Input Rotation, PIP, PBP (4), Tile Mode Setting (Max 15x15), Setting Data Cloning, SNMP, Control Manager, PM Mode, Smart Energy Saving, Wake on LAN, Crestron Inside, Cisco Compatibility, Beacon, HDMI-CEC, SI Server Setting, webRTC | | | | |
| Environment Conditions | Operation Temperature | 0 °C to 40 °C | 0 °C to 40 °C | 0 °C to 40 °C | 0 °C to 40 °C |
| | Operation Humidity | 10 % to 80 % | 10 % to 80 % | 10 % to 80 % | 10 % to 80 % |
| Power | Power Supply | AC 100-240V~, 50/60Hz | AC 100-240V~, 50/60Hz | AC 100-240V~, 50/60Hz | AC 100-240V~, 50/60Hz |
| | Power Type | Built-In Power | Built-In Power | Built-In Power | Built-In Power |
| Power Consumption | Typ./Max. | 145W/200W | 130W/180W | 120W/160W | 100W/140W |
| | Smart Energy Saving (70%) | 101.5W | 91W | 84W | 70W |
| | BTU (British Thermal Unit) | 495 BTU/Hr (Typ.), 682 BTU/Hr (Max) | 444 BTU/Hr (Typ.), 614 BTU/Hr (Max) | 409 BTU/Hr (Typ.), 546 BTU/Hr (Max) | 341 BTU/Hr (Typ.), 478 BTU/Hr (Max) |
| Sound | Speaker (Built-In) | 10W + 10W | | | |
| Certification | Safety | CB / NRTL | CB / NRTL | CB / NRTL | CB / NRTL |
| | EMC | FCC Class "A" / CE / KC | FCC Class "A" / CE / KC | FCC Class "A" / CE / KC | FCC Class "A" / CE / KC |
| | ErP / Energy Star | Yes/Yes | | | |
| Software Compatibility | SuperSign CMS, SuperSign Cloud, SuperSign Control / Control+, SuperSign WB, Mobile CMS, Connected Care | | | | |
| Accessories | Basic | Remote Controller (include battery 2ea), Power Cord, QSG, Regulation Book, Phone to RS232C Gender | | | |
| | Optional | Slim Wall Mount (WB21LMA/B), Wall Mount (OLW480A/B), Wall Mount Adapter (AM-B330S) | | | Slim Wall Mount (WB21LMA/B), Wall Mount (LSW240A/B), Wall Mount Adapter (AM-B220S) |
| Special Feature | Tilt (Facedown) | 0 (Max 30° degree, 40°C temperature) | | | |
| | Conformal Coating | Yes (Power Board) | | | |
| | IP Rating | IP5X | | | |

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.



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