



* 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



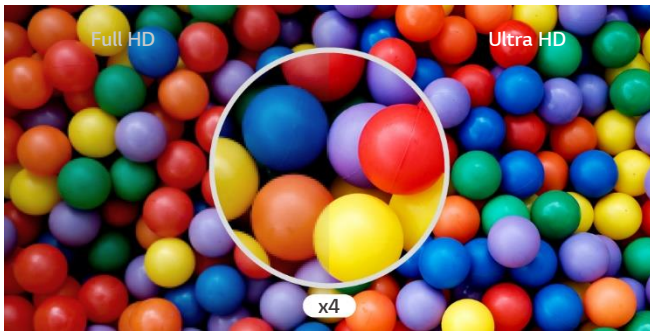
Design for Space Utilization



Enhanced Security

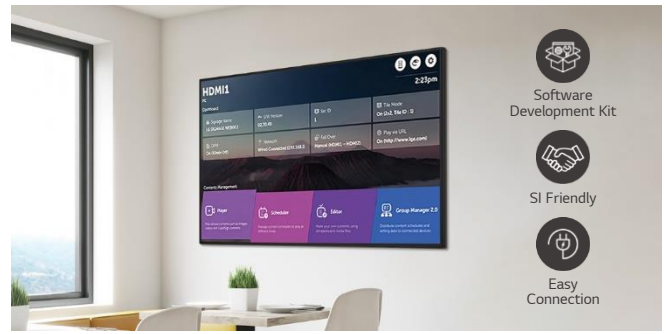
UM5N-H

Screen Size	65" / 55" / 49" / 43"
Screen Resolution	3,840 × 2,160 (UHD)
Brightness	500 nit (Typ.)
Surface Treatment (Haze)	65" / 55" / 49" : 28% 43" : 25%
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.

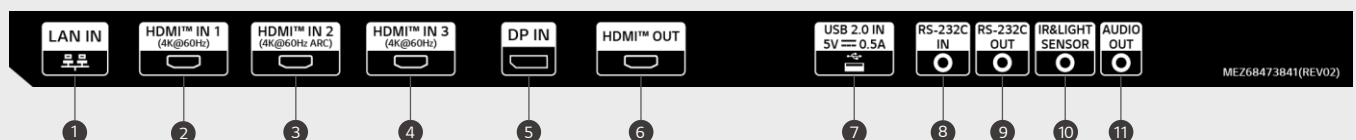


SuperSign Solutions

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"



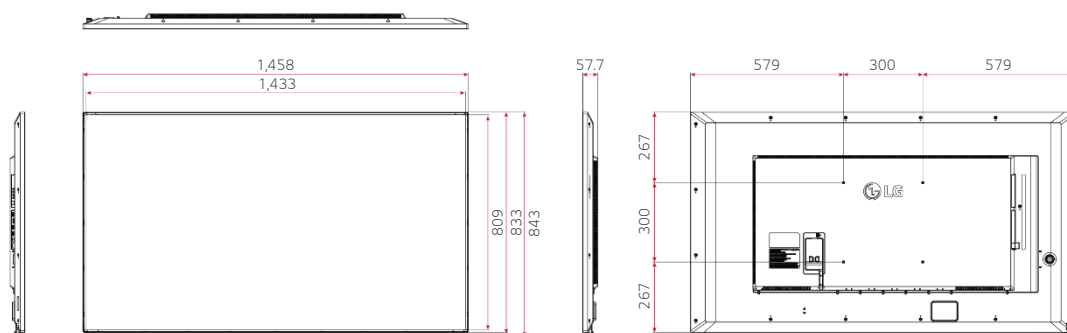
- ① LAN IN
- ② HDMI IN 1
- ③ HDMI IN 2

- ④ HDMI IN 3
- ⑤ DP IN
- ⑥ HDMI OUT

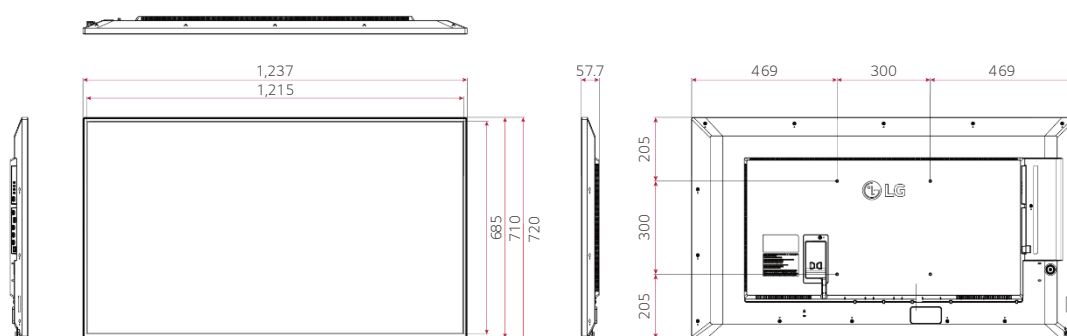
- ⑦ USB 2.0 IN
- ⑧ RS-232C IN
- ⑨ RS-232C OUT

- ⑩ IR&LIGHT SENSOR
- ⑪ AUDIO OUT

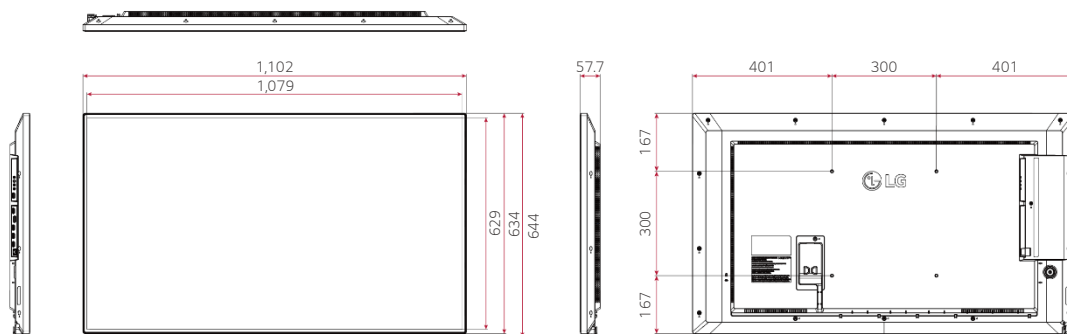
65"



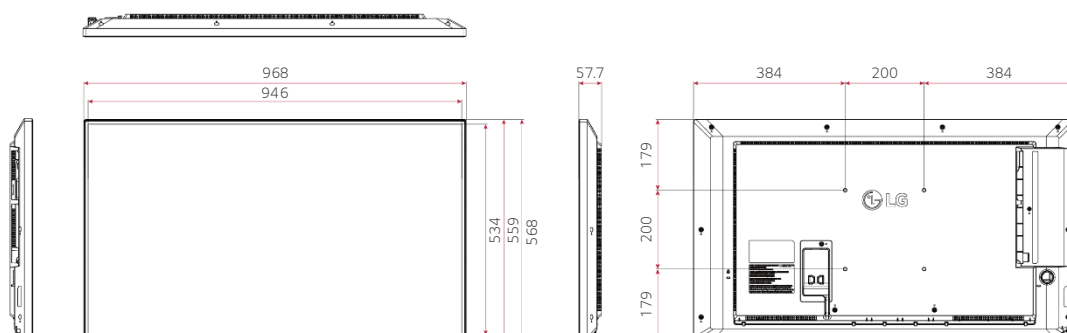
55"



49"



43"



		65UM5N-H	55UM5N-H	49UM5N-H	43UM5N-H
Panel	Screen Size	65"	55"	49"	43"
	Panel Technology	IPS	IPS	IPS	IPS
	Back Light Type	Direct	Direct	Direct	Direct
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)
	Contrast Ratio	1,000 : 1	1,100 : 1	1,100 : 1	1,000 : 1
	Dynamic CR ¹⁾	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1	1,000,000 : 1
	Color Gamut	BT709 95%	BT709 95%	BT709 95%	BT709 95%
	Viewing Angle (H × V)	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (8 bits + FRC)
	Response Time	8 ms (T/R), 10 ms (T/F)	8 ms (T/R), 10 ms (T/F)	8 ms (T/R), 10 ms (T/F)	8 ms (T/R), 10 ms (T/F)
	Surface Treatment (Haze)	28%	28%	28%	25%
Connectivity	Lifetime	50,000 Hrs (Min.)	50,000 Hrs (Min.)	50,000 Hrs (Min.)	50,000 Hrs (Min.)
	Operation Hours (Hours/Day)	24 / 7	24 / 7	24 / 7	24 / 7
Mechanical Specification	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Input	HDMI In (3, 3,840 × 2,160 @ 60 Hz, HDCP 2.2/1.4), DP In (3,840 × 2,160 @ 60 Hz, HDCP 2.2/1.3), RS-232C In (4 Pin Phone-jack), RJ45 (LAN) In, IR In, USB In 2.0 (Type A)			
Key Feature	Output	HDMI Out (3,840 × 2,160 @ 30 Hz, Input (HDMI1/2/3/DP)), Audio Out, RS-232C Out (4 Pin Phone-jack), Daisy Chain (Input HDMI, DP / Output HDMI)			
	Bezel Color	Black	Black	Black	Black
	Bezel Width	12.4 mm (T/R/L/B) (Even)	12.4 mm (T/B), 11.4 mm (R/L)	12.4 mm (T/B), 11.4 mm (R/L)	12.1 mm (T/B), 11.1 mm (R/L)
	Weight (Head)	26.1 kg	14.2 kg	11.4 kg	9.0 kg
	Packed Weight	28.4 kg	18.9 kg	14.4 kg	11.3 kg
	Monitor Dimensions (W × H × D)	1,458 × 833 × 57.7 mm (Without IR)	1,237 × 710 × 57.7 mm (Without IR)	1,102 × 634 × 57.7 mm (Without IR)	968 × 559 × 57.7 mm (Without IR)
	Carton Dimensions (W × H × D)	1,600 × 970 × 179 mm	1,360 × 810 × 162 mm	1,215 × 736 × 152 mm	1,055 × 660 × 142 mm
	Handle	No	No	No	No
Environment Conditions	VESA™ Standard Mount Interface	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
	Key Feature	Internal Memory 16 GB, Built-in Wi-Fi, Sensor (Temperature Sensor, Auto Brightness Sensor (External IR), Acceleration (Gyro) Sensor), Local Key Operation, Built-in Speaker, webOS 6.0, Local Contents Scheduling, Group Manager, USB Plug & Play, Fail Over, Image (Booting Logo Image, No Signal Image), Sync (RS-232C Sync, Local Network Sync), PIP, PBP (4), Screen Share, Video Tag (4), Play via URL, Rotation (Screen Rotation, External Input Rotation), Gapless Playback, Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, 3 rd Party Compatibility (Cisco Certi, Crestron Connected ^{®2)}), Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC ³⁾ , SI Server Setting, webRTS, Prodiom			
Power	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 Consumption	Power Supply	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz	AC 100-240 V ~, 50/60 Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Certification	Typ. / Max.	145 W / 200 W	130 W / 180 W	120 W / 160 W	100 W / 140 W
	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.)
	Smart Energy Saving, ~70%	101.5 W	91 W	84 W	70 W
	DPM	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
OPS Compatibility	Safety	CB / NRTL	CB / NRTL	CB / NRTL	CB / NRTL
	EMC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC	FCC Class "B" / CE / KC
	ErP / Energy Star	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes
	ePEAT (US only)	No	No	No	No
	ISTA6	Yes (-'23.9, US Suffix Only)	Yes (-'23.9, US Suffix Only)	Yes (-'23.9, US Suffix Only)	Yes (-'23.9, US Suffix Only)
Software Compatibility	Carbon Trust	Yes (CO2 Measured)	Yes (CO2 Measured)	Yes (CO2 Measured)	Yes (CO2 Measured)
	OPS Type Compatible	No	No	No	No
Language	OPS Power Built-in	No	No	No	No
	Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Cloud, Promota (Not Available for EU/CIS), Mobile CMS, LG ConnectedCare ⁴⁾			
Accessory	Language	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Türkiye, Arabic			
	Basic	Remote Controller, Power Cord, QSG, Regulation Book, Phone to RS-232C Gender			
Special Feature	Optional	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (OLW480 A/B) Wall Mount Adapter (AM-B330S)	Slim Wall Mount (WB21LM A/B), Normal Wall Mount (LSW240 A/B) Wall Mount Adapter (AM-B220S)
	Tilt (Face Down)	Yes (Max. 30° Degree, 40°C Temperature)			
IP Rating	IP Rating	IP5X	IP5X	IP5X	IP5X
	Conformal Coating (Power Board)	Yes	Yes	Yes	Yes

¹⁾ The luminosity ratio of Full Black / Full White color on video input condition.

²⁾ Network based control.

³⁾ Compatibility may differ by equipment.

⁴⁾ The availability can differ by region.

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



Download
LG C-Display+
Mobile App
Google Play Store

www.lg.com/global/business/information-display
www.youtube.com/LGCommercialDisplay
www.facebook.com/LGInformationDisplay
www.linkedin.com/company/LGinformationdisplay
twitter.com/LG_ID_HQ

LG may make changes to specifications and product descriptions without notice.
Copyright © 2023 LG Electronics Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. The names of products and brands mentioned here may be the trademarks of their respective owners.



Dieses Dokument, wird Ihnen zur Verfügung gestellt von:

ppm-stuttgart dem systemhaus für digitale technik direkt bei stuttgart



Diktiergeräte & Spracherkennung

Professionelle Diktierlösungen: Als Spezialisten für Diktiergeräte und Spracherkennung betreuen wir an unseren Standorten Stuttgart und Berlin Kunden aus ganz Deutschland. Wir beraten zur optimalen Diktierung, installieren die technischen Komponenten, schulen Ihre Mitarbeiter und betreuen Ihre Diktierlösung.

Experten-Beratung für Diktierlösungen durch unsere Büros in Stuttgart und Berlin

TOP-Markenequipment

- Philips Diktiergeräte
- Olympus Diktiergeräte
- Professionelle Diktiergeräte
- Dragon Spracherkennung
- Dragon Anywhere
- EPoS Senheiser



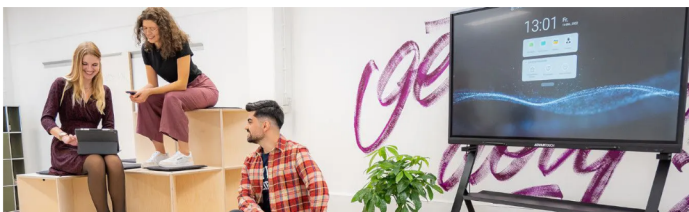
Touchscreens

Professionelle Touchdisplays und Touchscreens für inspirierende Präsentationen: Wir bieten Touchdisplays von Legamaster, Newline und Kindermann in Größen wie 55", 65", 75", 84" und 98" Zoll. Perfekt für unterschiedliche Einsatzfelder. Neben der Beratung profitieren Sie auf Wunsch von einer fachgerechten Installation, Einrichtung und Einweisung.

Touchscreen Experten-Beratung durch unsere Büros in Stuttgart und Berlin

Touchdisplay Varianten

- Touchscreen 55 Zoll
- Touchscreen 65 Zoll
- Touchscreen 75 Zoll
- Touchscreen 84 Zoll
- Touchscreen 98 Zoll
- Touchscreens alle Größen
- Touchscreen Zubehör



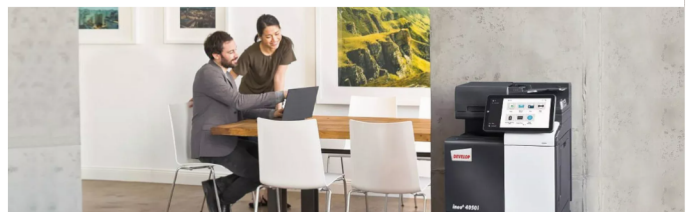
Präsentationstechnik

Professionelle Präsentationstechnik für Ihren Konferenzraum: Wir bieten Touchdisplays, Projektoren, Leinwände, Videokonferenztechnik sowie ergänzende Komponenten zur einfachen Mediensteuerung. Neben der Beratung profitieren Sie auf Wunsch von einer fachgerechten Installation, Einrichtung und Einweisung.

Touchscreen Experten-Beratung durch unsere Büros in Stuttgart und Berlin

Professionelles Equipment

- Mediensteuerung Audio & Video
- Konferenzraum-Technik
- Videokonferenz-Technik
- Kindermann Klick&Show
- Kabellose HDMI Übertragung




Drucker & Kopierer

Für Ihre perfekten Drucke: Von einfachen Laserdruckern und Fotokopierern bis hin zum High-End-Multifunktionsdrucker. Neben der Beratung profitieren Sie auf Wunsch von einer fachgerechten Einrichtung, Einrichtung und Einweisung.

Drucker Experten-Beratung durch unsere Büros in Stuttgart und Berlin

TOP-Markenequipment

- Drucker DIN A4 Farbe
- Drucker DIN A3 Farbe
- Drucker DIN A4 s/w
- Drucker DIN A3 s/w
- Drucker mit Netz
- Drucker Toner



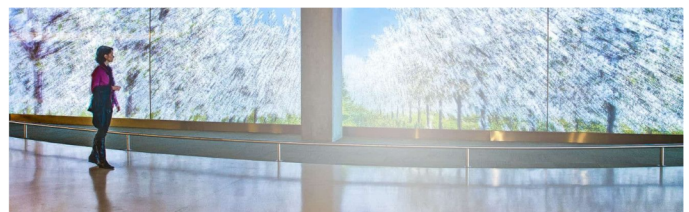
Beamer

Beamer renommierter Markenhersteller: Wir bieten ein umfangreiches Sortiment unterschiedlicher Beamer für die verschiedensten Anwendungsbereiche. Neben der Beratung profitieren Sie auf Wunsch von einer fachgerechten Installation, Einrichtung und Einweisung.

Beamer Experten-Beratung durch unsere Büros in Stuttgart und Berlin

TOP-Markenequipment

- Epson Beamer
- NEC Beamer
- Optoma Beamer
- DA Lite Leinwände
- Beamer Zubehör
- Beamer Deckenhalterungen



Projektorleinwände

Hochwertige Leinwände für eine perfekte Präsentation oder ein optimales Heimkino-Erlebnis: Wir bieten ein umfangreiches Sortiment unterschiedlicher Projektor-Leinwände für die verschiedensten Anwendungsbereiche. Neben der Beratung profitieren Sie auf Wunsch von einer fachgerechten Installation, Einrichtung und Einweisung.

Leinwand Experten-Beratung durch unsere Büros in Stuttgart und Berlin

Leinwand Varianten

- Heimkino-Leinwand
- Leinwände für Konferenzraum
- Motor-Leinwände
- Rahmen-Leinwände
- Leinwände für Deckenbau
- Mobile Leinwände
- Tension Leinwände

Viele weitere Infos finden Sie unter:
ppm-stuttgart.de oder DIKTAT-STUTTGAART.de

ppm-stuttgart
 ester/lorenz gbr.
 friedrichstraße 18 - 22
 70736 fellbach
 tel.: 0711 / 34 16 93 - 60
 fax: 0711 / 34 16 93 - 66
 mail: ppm@ppm-stuttgart.de