LG | Business Solutions

01:40 PM
May 20

22°

☁ Cloudy

Precipitation : 40%
Wind : 4 mph

EMPLOYEE
OF THE
MONTH

James
Noah
Jane
Luke

James Byron

* All images are for illustrative purposes only.

UHD Signage 49UM3DG-H

LG UHD Signage
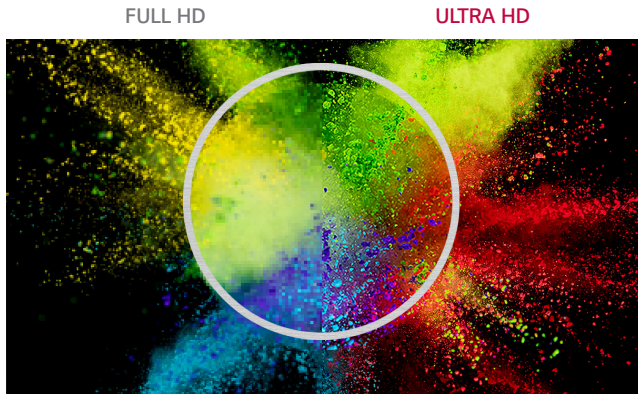
TAA COMPLIANT

4K UHD Superb Picture Quality

Sleek and Practical Design

Product Reliability

webOS Smart Platform

ULTRA HD Resolution

With resolution that is 4 times higher than FHD, it makes content color and detail more vivid and realistic. In addition, the wide viewing angle of this IPS panel provides vivid, clear contents viewable even from wide angles.

High Efficiency Video Coding

The 49UM3DG-H supports HEVC which efficiently compresses/decompresses high-capacity UHD contents, playing ultra-high quality videos with half the network traffic when compared to the existing H.264 codec.
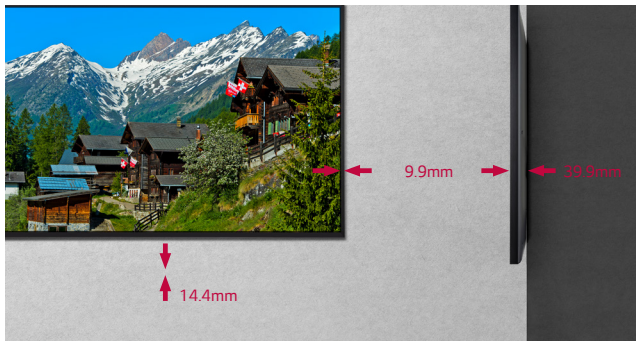
## Narrow Bezel & Slim Depth

The small bezel size and slim thickness of the 49UM3DG-H creates an immersive viewing experience while demonstrating a sophisticated design that is easy to install and can improve the decor of virtually any space.

Built-in Speaker

Video contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.
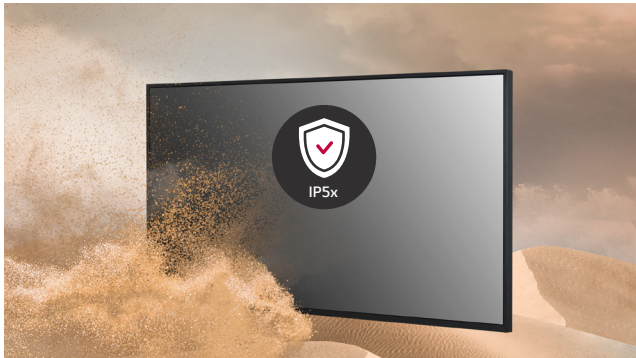
IP5x Certified Design

The IP5x Dust-Resistant Certification ensures that the product is completely protected from dust, eliminating the risk of performance degradation.

15° Tilting Installation

When a display is installed at high places, it is usually tilted for the user's comfort viewing. In consideration of this, the 49UM3DG-H supports the installation with 15 degrees of downward tilt.

Remote Monitoring

The 49UM3DG-H can email notifications to users when there is a problem, such as tilting of the product by external impact, so users can quickly become aware of issues and address them right away.

Simple Accessibility

Unlike other models where various buttons have to be pressed for control, the 49UM3DG-H provides a single joystick to easily facilitate power on/off, input/setting operation, volume control, etc.

High-Performance with webOS

The built-in System on Chip can execute several tasks at once while providing smooth content playback without the need for a media player. Also, the LG webOS Signage platform provides an intuitive, TV-style remote controlled user interface that is easy to learn and consistent across many LG products.
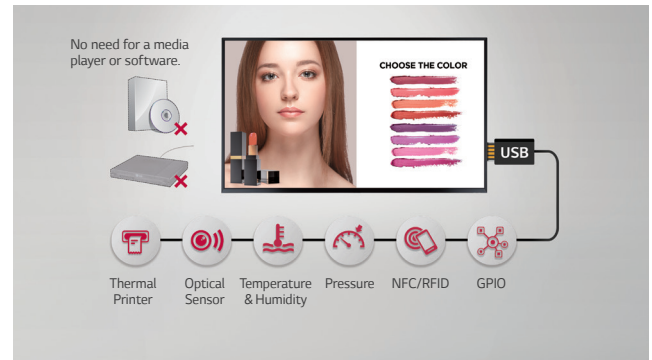
Various Sensor Applications

LG webOS smart signage platform easily supports connections with external sensors via USB plug-in. The overall cost for maintenance could be reduced as there's no need to purchase additional software or media players for creating value-added solutions.

Compatibility with AV Control Systems

The 49UM3DG-H has been certified Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated, network-based control, boosting business management efficiency.

Compatibility with Video Conference Systems

The 49UM3DG-H is compatible with Cisco conferencing systems that offer powerful HDMI-based control for a smarter video conference experience that avoids wasted time setting up the picture or input settings.
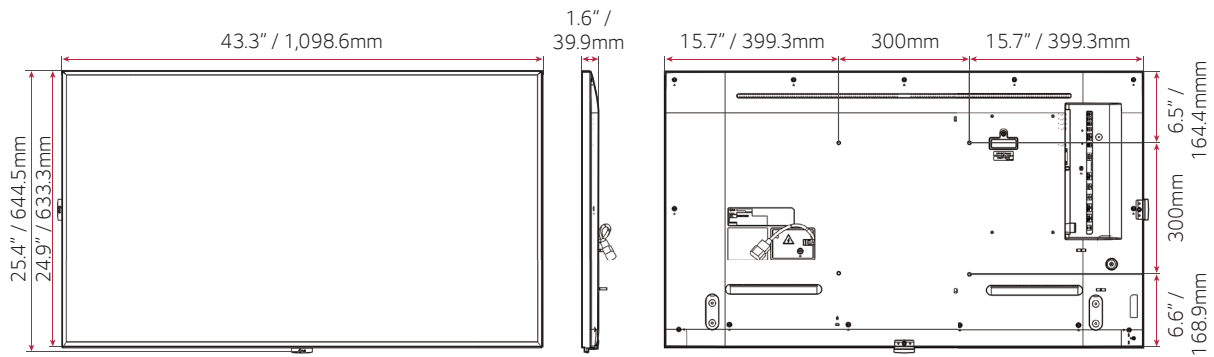
SPECIFICATIONS

MODELS		49UM3DG-H
PANEL	Screen Size	49"
	Panel Technology	IPS
	Back Light Type	Edge
	Aspect Ratio	16:9
	Native Resolution	3840 x 2160 (UHD)
	Refresh Rate	60Hz
	Brightness (Typ.)	350 nits
	Contrast Ratio	1,100:1
	Dynamic CR	500,000:1
	Color gamut	BT709 95%
	Viewing Angle(H x V)	178° x 178°
	Color Depth	1.07 Billion colors (10 bit)
	Response Time	8 ms (G to G)
	Surface Treatment (Haze)	28%
	Lifetime (Min.)	50,000 hours
	Operation Hours (Hours/Day)	18/7
	Portrait / Landscape	Yes / Yes
SOUND	Built-in Speaker	Yes
CONNECTIVITY	HDMI In	Yes (3), HDCP2.2/1.4
	RS232C In	Yes (1), 4pin 3.5mm jack
	RJ45(LAN) In	Yes
	IR In	Yes
	USB 2.0 In	Yes
	Audio Out	Yes
	RS232C OUT	Yes (1), 4pin 3.5mm jack
FEATURES	Internal Memory	8 GB
	Built-in Wi-Fi	Yes
	Temperature Sensor	Yes
	Auto Brightness sensor	Yes
	Local Key Operation	Yes
	webOS version	webOS4.1
	Local Contents Scheduling	Yes
	Group Manager	Yes
	USB Plug & Play	Yes
	Fail over	Yes
	Booting Logo Image	Yes
	No Signal Image	Yes
	RS-232C Sync	Yes
	Local Network Sync	Yes
	Screen Share	Yes
	Video Tag	Yes (4), One HDMI input Max
	Play via URL	Yes
	Screen Rotation	Yes
	External Input Rotation	Yes
	Gapless Playback	Yes
	Tile Mode Setting	Yes (15 x 15 Max)
	Setting Data Cloning	Yes
	SNMP	Yes
	ISM Method	Yes
	Auto Set ID	Yes
	Status Mailing	Yes
	Control Manager	Yes
	3rd Party Compatibility (Crestron Inside)	Yes
	Smart Energy Saving	Yes
	PM mode	Yes
	Wake on LAN	Yes
	Beacon	Yes
	HDMI-CEC	Yes
	SI Server Setting	Yes
	webRTC	Yes
	Pro:Idiom	Yes
	Operation Temperature	32°F to 104°F / 0°C to 40°C
	Operation Humidity	10 % to 80 %

MODELS		49UM3DG-H
POWER	Power Supply	100-240Vac, 50/60Hz
	Power Type	Built-In Power
	Typical Power Consumption (W)	85 W
	Max Power Consumption	120 W
	Typical Power Consumption	290 BTU/hr
	Max Power Consumption	409 BTU/hr
	Smart Enegy Saving	60W
	DPM	0.5W
	Power off	0.5W
MECHANCIAL	Bezel Color	Black
	Bezel Width	T/R/L: 9.9mm, B: 14.4mm
	Weight (Display)	34.0 lbs / 15.4 kg
	Weight (Display+Stand)	35.3 lbs / 16.0 kg
	Packed Weight	41.4 lbs / 18.8 kg
	Monitor Dimension (W x H x D)	43.3 x 24.9 x 1.6 in 1098.6 x 633.3 x 39.9 mm
	Monitor Dimensions with Stand (W x H x D)	43.3 x 27.3 x 11.4 in 1098.6 x 694.3 x 290.0 mm
	Shipping Dimensions (W x H x D)	47.1 x 30.5 x 6.4 in 1197.0 x 775.0 x 162.0 mm
	Tilt (Face Down)	Yes (15° Max)
	IP Rating	IP5X
	VESA™ Standard Mount Interface	300 x 300
SOFTWARE COMPATIBILITY	SuperSign CMS	Yes
	SuperSign Control / Control+	Yes / Yes
	SuperSign WB	Yes
	SuperSign Media Editor	Yes
	Signage 365 Care	Yes
WARRANTY & OTHER	Warranty	3 Year Limited
	UPC	1 95174 00697 9
	FCC (Regulatory)	Class A
	CE (Regulatory)	Yes
	Energy Star	Energy Star 8.0
	Basic Accessories	Remote Control (includes 2 batteries), Power Cord, Quick Start Guide, Regulation Book, 3.5mm to RS232C Adapter
	Optional Accessories	Stand (ST-653T), Wall bracket (LSW350B), VESA Adapter (AM-B330S)

DIMENSIONS

49"

43.3" / 1,098.6mm

1.6" / 39.9mm

25.4" / 644.5mm
24.9" / 633.3mm

15.7" / 399.3mm   300mm   15.7" / 399.3mm

6.5" / 164.4mm

300mm

6.6" / 168.9mm

CONNECTIVITY

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨
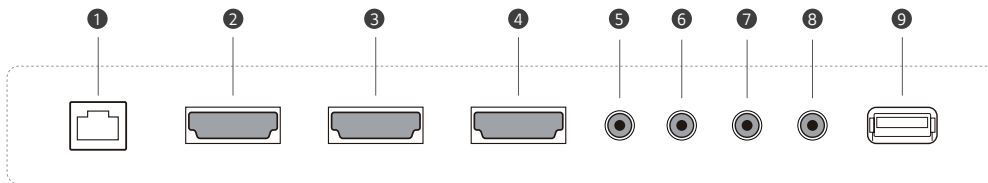
① LAN	④ HDMI IN 3	⑦ RS-232C IN
② HDMI IN 1	⑤ IR & LIGHT SENSOR	⑧ RS-232C OUT
③ HDMI IN 2	⑥ AUDIO OUT	⑨ USB IN

* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

ENERGY STAR

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