UHD Signage | UM3DF Series

LG UHD Signage Provides Information Effectively

The UM3DF series is a UHD signage that has been optimized for various indoor environments.
It features superior UHD quality, slim design, external dust protection, and various convenience for users.

- Superb Picture Quality
- Sleek and Practical Design
- Product Reliability
- Easy Installation

LG Business Solutions

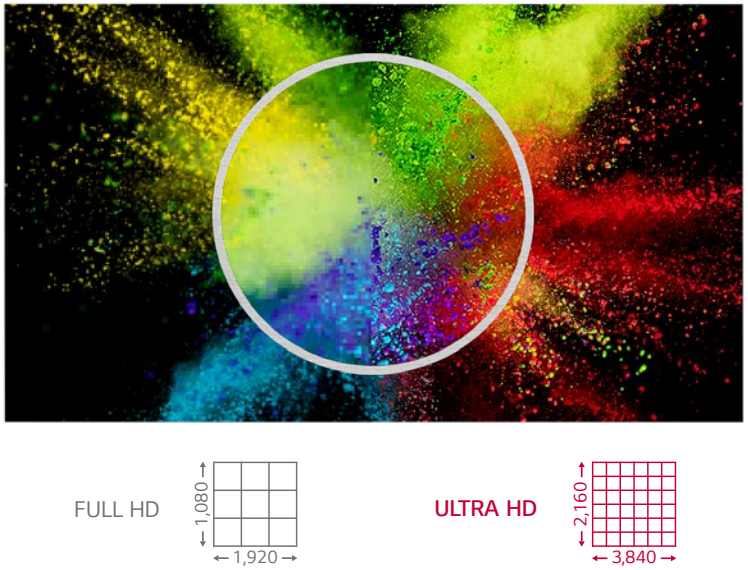


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*All images are for illustrative purposes only.

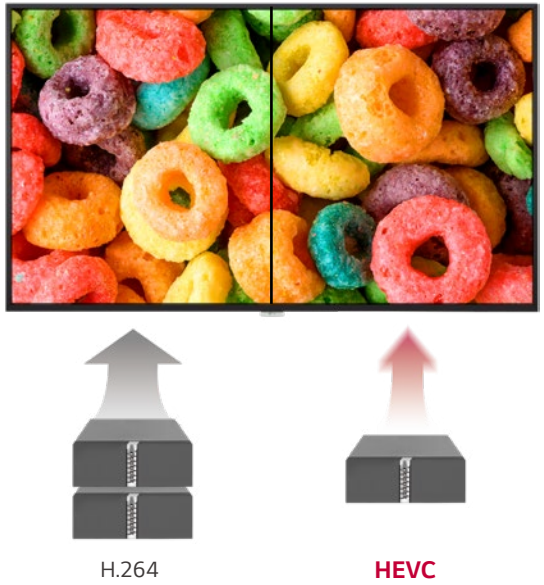
ULTRA HD Resolution

With the resolution that is 4 times higher than FHD, it makes the color and details of the contents more vivid and realistic. In addition, the wide viewing angle applied with LG IPS Panel, provides clear contents with no distortion.



High Efficiency Video Coding

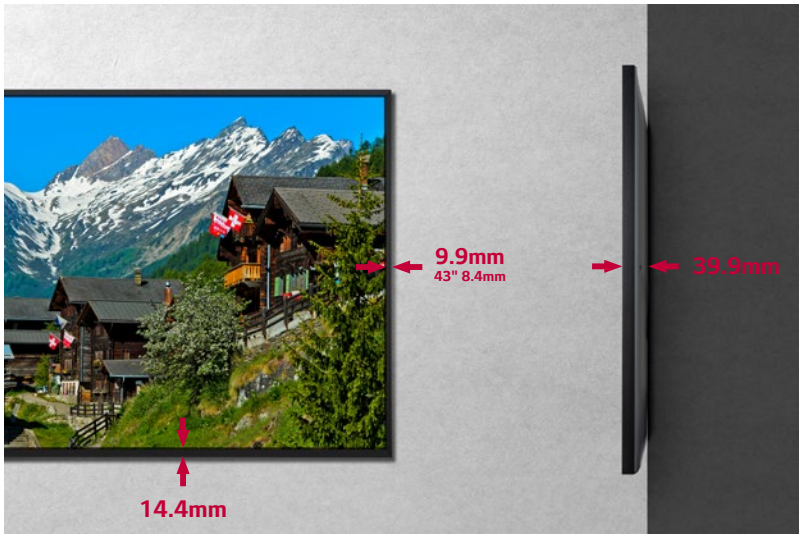
The UM3DF series supports HEVC* which efficiently compresses/ decompresses high-capacity UHD contents, playing ultra-high quality videos with half the network traffic when compared to the existing H.264 codec.



* HEVC : High Efficiency Video Coding

Narrow Bezel & Slim Depth

The UM3DF series has a smaller bezel size and thickness, which saves space and enables easy installation. In addition, it increases the immersive experience from the screen and provides a sophisticated design, improving the décor of the space where the product is installed.



Detachable Logo and Built-in Speaker

The UM3DF series is equipped with a new transparent logo which is well organized with surroundings. Also, its removable feature gives users flexibility for installation. 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-Proof Certification ensures that the product is completely protected from dust, eliminating the risk of performance degradation.



30° Tilting Installation

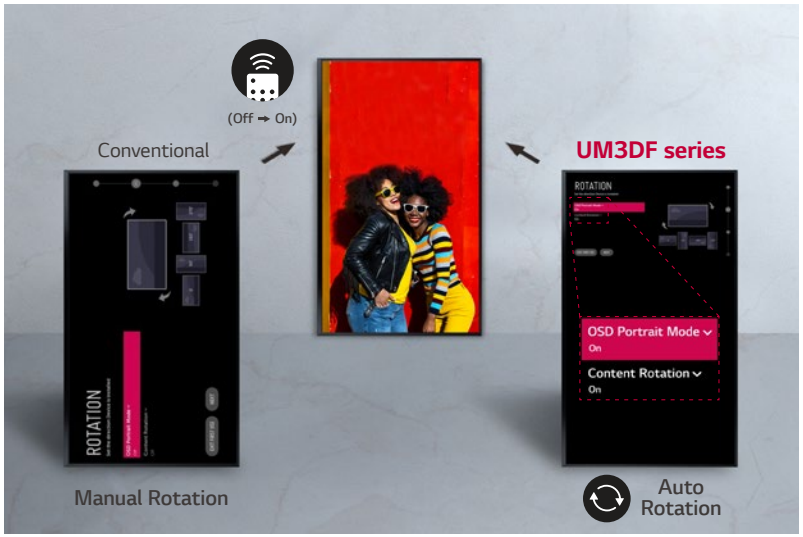
When a display is installed at high places, it is usually tilted for the user's comfort viewing. In consideration of this, the UM3DF series supports the installation with 30 degrees of tilt*.



* Tilt installation of up to 30 degrees facedown is supported.
(in conditions within 30°C temperature, 50% humidity)

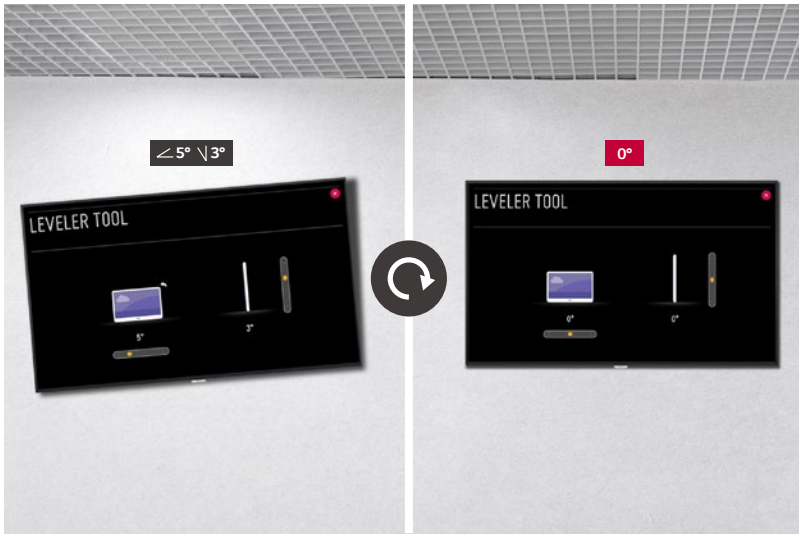
Auto Screen Rotation

The UM3DF series automatically detects its orientation (landscape or portrait mode) in the initial installation step, so manual rotation set-up process isn't required. The direction of OSD and background contents will be already set when you turn on a display at first.



Fine Adjustment

The UM3DF series is equipped with a "horizontal sensor" which shows users how the device is tilt, so that it can be precisely installed.



Remote Monitoring

The UM3DF series can email notifications to users when there is a problem, such as tilting of the product by external impact, so users can operate the product in a safer manner as they can get the information about the problem right away.



Simple Accessibility

Unlike previous models where various buttons have to be pressed for control, the UM3DF series provides a single joystick to easily facilitate power on/off, input/setting operation, volume control, etc.



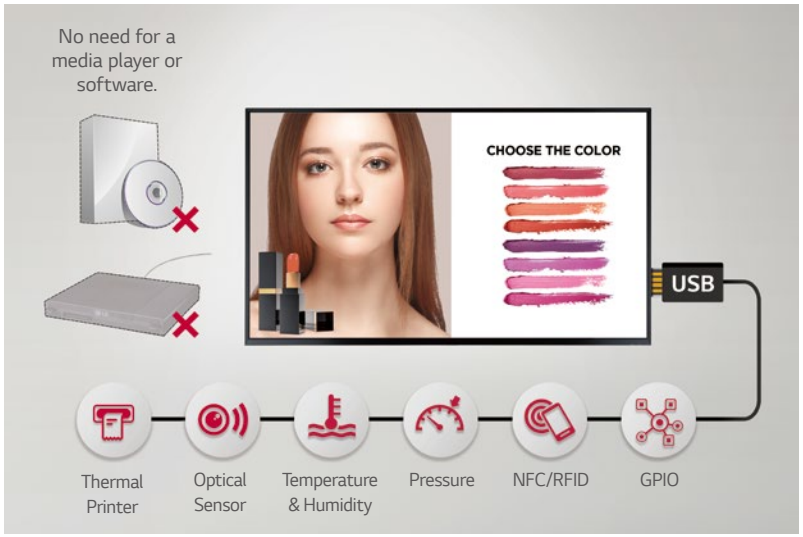
High-Performance with webOS

Built-in Quad Core SoC can execute several tasks at once while providing smooth content playback without the need for a media player. Also LG webOS platform enhances user convenience with intuitive GUI and simple app development tools.



Various Sensor Applications

LG webOS smart signage platform easily supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc, via USB plug-in. The overall cost for maintenance is reduced as there's no need to purchase additional software or media players for creating value-added solutions.



Compatibility with AV Control System

The UM3DF series has been certified Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated control*, boosting business management efficiency.



* Network based control

Compatibility with Video Conference System

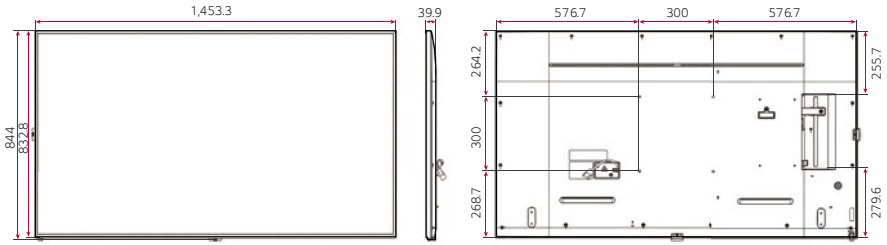
For the optimum visual meeting, the UM3DF series has certified its compatibility with Cisco System that offers powerful and integrated control* for a smarter video conference, eliminating a waste of time for setting up the picture quality or changing input on incoming calls.



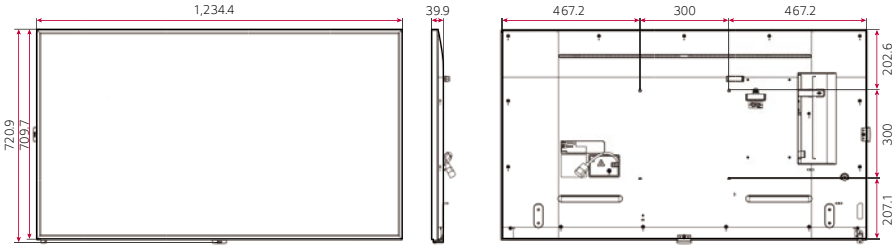
* Using an HDMI cable connection

DIMENSION (unit: mm)

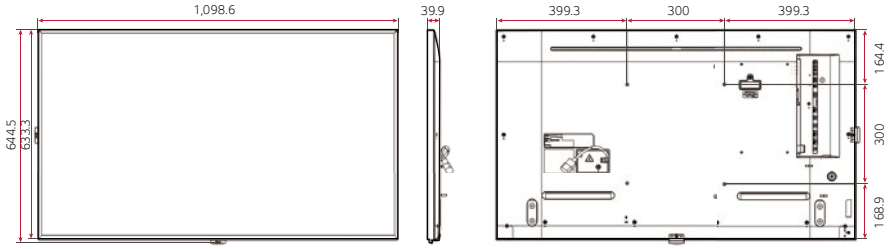
65”



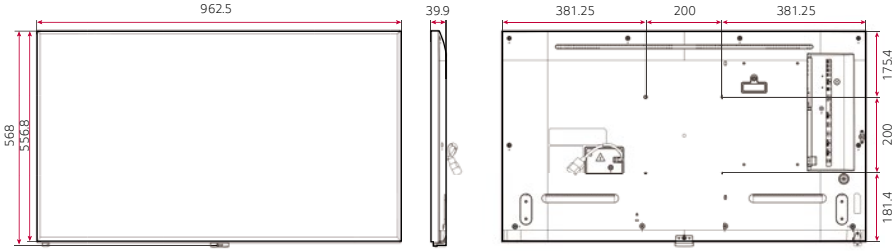
55”



49”

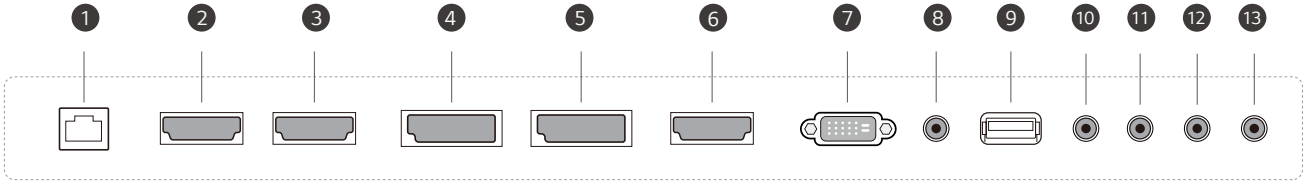


43”



CONNECTIVITY

65” | 55” | 49” | 43”



1. LAN
2. HDMI IN1
3. HDMI IN2
4. DP IN
5. DP OUT
6. HDMI IN3
7. DVI-D IN
8. IR & LIGHT SENSOR
9. USB IN
10. AUDIO IN
11. AUDIO OUT
12. RS-232C IN
13. RS-232C OUT

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

SPECIFICATIONS

			65UM3DF	55UM3DF	49UM3DF	43UM3DF
Panel	Screen Size		65"	55"	49"	43"
	Panel Technology		IPS	IPS	IPS	IPS
	Aspect Ratio		16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution		3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)	3,840 x 2,160 (UHD, RGB)
	Brightness (Typ.)		350 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²
	Contrast Ratio		1,100:1	1,100:1	1,100:1	1,100:1
	Viewing Angle (H x V)		178 x 178	178 x 178	178 x 178	178 x 178
	Response Time		8ms (G to G)	8ms (G to G)	8ms (G to G)	8ms (G to G)
	Surface Treatment (Haze)		Haze 3%	Haze 3%	Haze 3%	Haze 3%
	Life Time (Typ.)		50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours		18 Hrs	18 Hrs	18 Hrs	18 Hrs
	Orientation		Portrait & Landscape	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
Connectivity	Input		HDMI (3), DP, DVI-D, Audio, USB 2.0			
	Output		DP, Audio (Off/Fixed/Variable),			
	External Control		RS232C In/Out, RJ45 (LAN) In, IR In			
Mechanical Specification	Bezel Color		Black	Black	Black	Black
	Bezel Width		9.9mm(T/R/L), 14.4mm(B)	9.9mm(T/R/L), 14.4mm(B)	9.9mm(T/R/L), 14.4mm(B)	8.4mm(T/R/L), 14.4mm(B)
	Monitor Dimension (W x H x D)		1,453.3mm x 844mm x 39.9mm	1,234.4mm x 720.9mm x 39.9mm	1,098.6mm x 644.5mm x 39.9mm	962.5mm x 568mm x 39.9mm
	Weight (Head)		28.2 kg	19.0 kg	15.4 kg	11.2 kg
	Carton Dimensions (W x H x D)		1,600mm x 970mm x175mm	1,360mm x 810mm x 175mm	1,197mm x 740mm x 162mm	1,052mm x 660mm x 152mm
	Packed Weight		35.0 kg	24.2 kg	18.8 kg	13.7 kg
	Handle		No	No	No	No
	VESA™ Standard Mount Interface		300 x 300	300 x 300	300 x 300	200 x 200
Key Feature	Internal Memory 8GB (System 4GB + Available 3.6GB), Built-in Wi-Fi, Built-in Speaker, Temperature Sensor, Auto Brightness Sensor, Acceleration Sensor, Local Key Operation, Embedded CMS (USB Auto Playback, Local Contents Scheduling, Group Manager), Fail over, Image Customization (Booting Logo, No Signal), Content Sync (RS232C, Local Network), PIP/PBP(4), Screen Share, Video Tag(4), Play via URL, OSD Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, Firmware Update by Network, SNMP 2.0, ISM Mode, Crestron Connected®[1], DPM, Smart Energy Saving, Wake on LAN, Beacon, HDMI-CEC[2], SI Server Setting					
Special Feature	Tilt (Facedown)[3]		Max. 30°	Max. 30°	Max. 30°	Max. 30°
	IP Rating		IP5x	IP5x	IP5x	IP5x
Environmental 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		100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type		Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Consumption	Typ. / Max.	110W (TBD) / 160W (TBD)	95W / 140W	85W / 120W	70W / 105W
		Smart Enegy Saving	85W (TBD)	70W	65W	50W
Certification	Safety		IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	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 (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)	Yes / Yes (Energy Star 7.0)
Media player Compatibility	OPS Type Compatible		Yes	Yes	Yes	Yes
	External Media Player Attachable		Yes	Yes	Yes	Yes
Software Compatibility	Content Management Software		SuperSign CMS	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software		SuperSign Control/Control+	SuperSign Control/Control+	SuperSign Control/Control+	SuperSign Control/Control+
	Signage365Care		Yes	Yes	Yes	Yes
Accessories	Basic		Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender			
	Optional		Stand(ST-653T), Media Player, Wall Bracket(65", 55", 49" : LSW350B / 43" : LSW240B), VESA Adapter(65", 55" 49" : AM-B330S / 43" : AM-B220S), OPS Kit(KT-OPSH)			

1) Network based control 2) Compatibility may differ by equipment 3) In conditions within 30°C temperature, 50% humidity

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