



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

**UHD Signage** UM340E Series

# Connected Commercial TV Signage for Education

 Ultra High Resolution

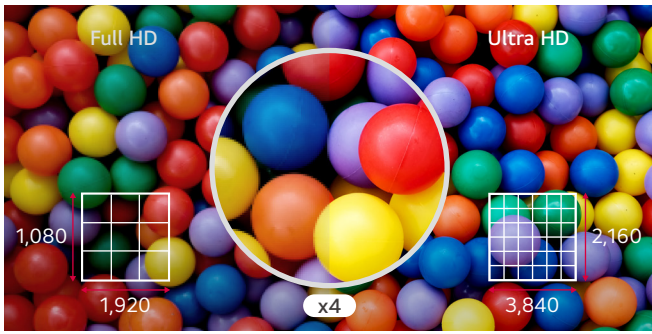
 Built-in Speaker

 ConnectedCare DMS Compatible

 Remote-control Services

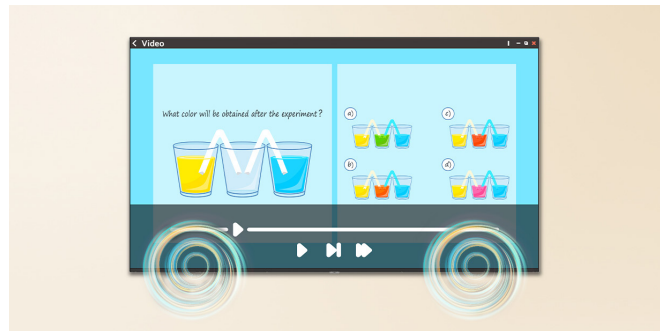
## UM340E Series

Screen Size (Diag.)	65" / 55" / 50"
Resolution	3,840 × 2,160
Brightness	250 nits (Center, Typ.)
Surface Treatment (Haze)	1%, 3 H
Bezel Width	65":1.5 mm (T/R/L), 14.5 mm (B) 55":1.3 mm (T/R/L), 15.9 mm (B) 50":1 mm (T/R/L), 14.4 mm (B)
Built-in Speakers	10 W × 2



### Superb Picture with UHD Resolution

With the resolution that is 4 times higher than FHD, it makes the color and details of the contents more vivid and realistic.



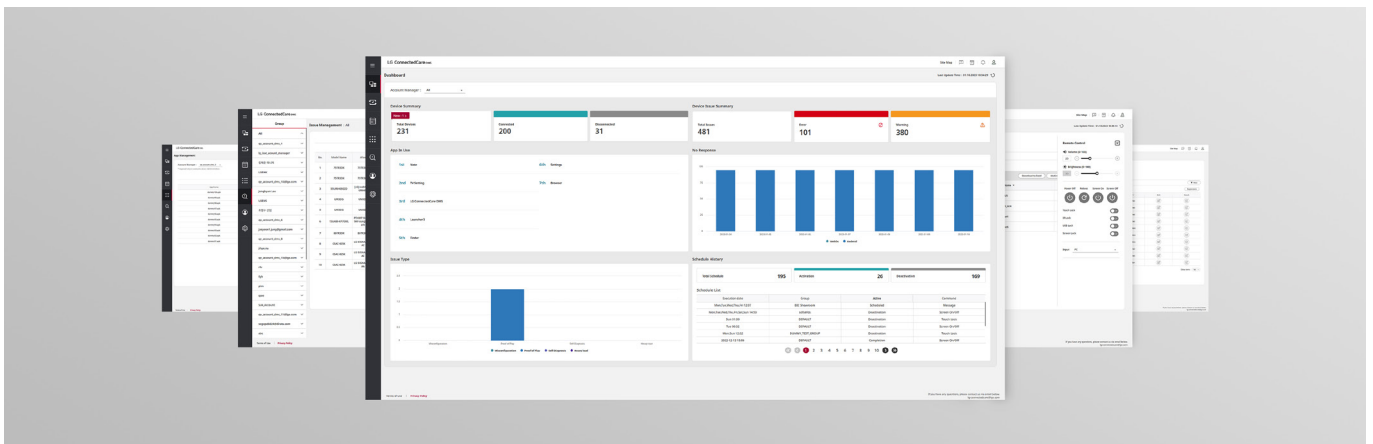
### Built-in Speaker

Contents will be enriched with sound effects from built-in speakers, without the need for purchasing or installing external speakers.

## LG ConnectedCare DMS

LG ConnectedCare\* DMS is a cloud solution for remotely monitoring, controlling, and managing the status of LG CreateBoard and TV signage devices installed in educational environments. This feature enables IT managers to operate and manage important resources on operating devices without physically visiting sites.


\*LG ConnectedCare DMS needs to be purchased separately; its availability varies by region, so please contact the LG sales representative in your region for more details. The service currently supports TV Signage (UM340E, UR640S), LG CreateBoard (TR3DK, TR3DJ, TR3PJ), and Stretch Signage (105BM5N) under a cloud environment, with additional supported models to be introduced.





### Dashboard


The LG ConnectedCare DMS\* dashboard allows you to view and monitor multiple devices at the same time, thereby saving time and boosting efficiency.


The following features are included:

- 

Summary of connection status and device issues
- 

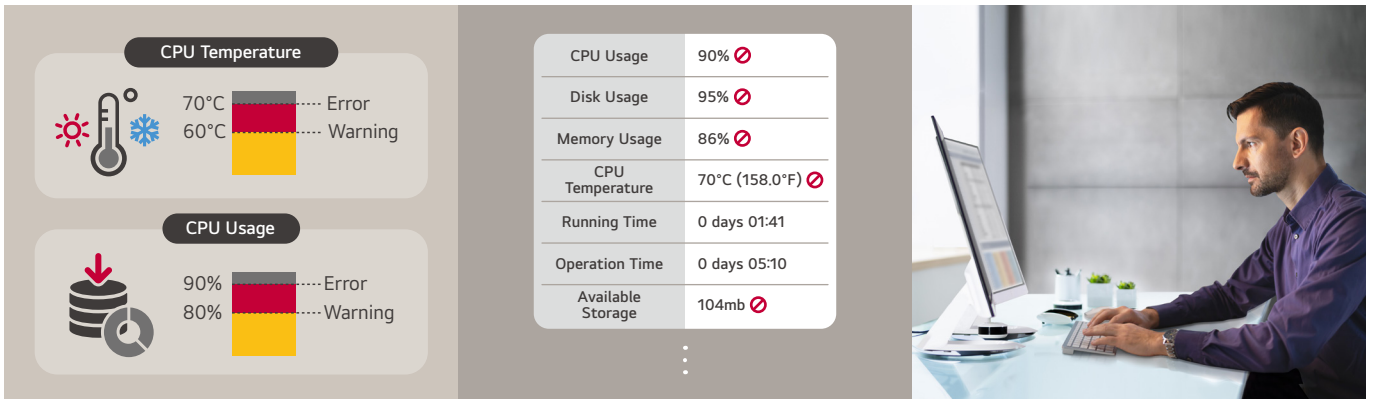
List of frequently used apps
- 

No response status, filtered by date
- 

Checks of recent issue type
- 

Display of scheduling history for the previous 7 days

\* Up to 100 devices can be controlled via LG ConnectedCare DMS.



### Threshold Settings

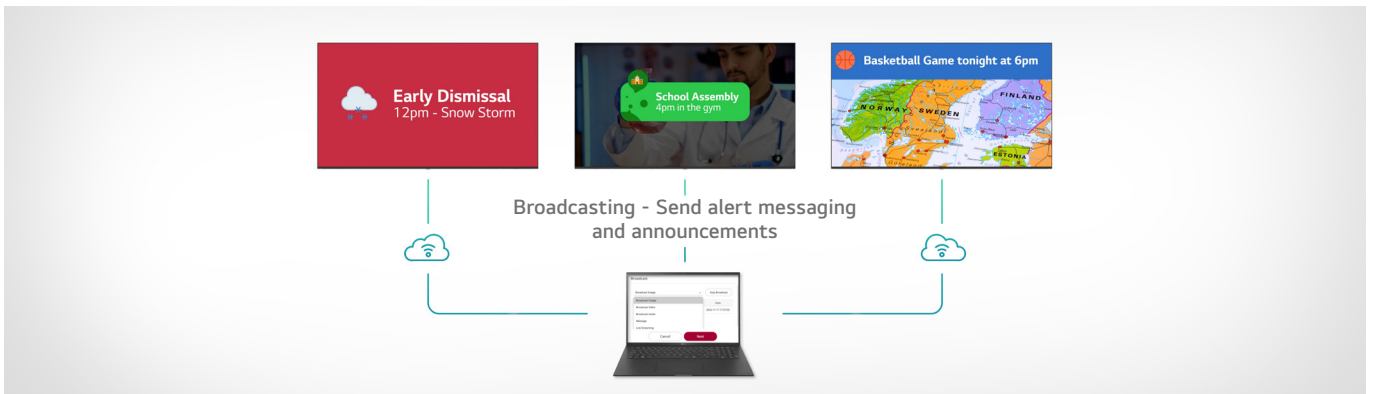
Users can set thresholds including CPU Temperature, memory usage, or available storage, and can receive warning or error notifications based on their threshold settings.

### Monitoring & Fault Diagnosis

An engineer can check the status in real-time and diagnose problems remotely. Also, the current status of issues can be categorized, allowing for easy viewing and quick responses.

### Issue Management

Remote issue management can be carried out by the LG ConnectedCare DMS solution. This facilitates the stable operation of the classroom.



### Broadcasting / Alert Messaging

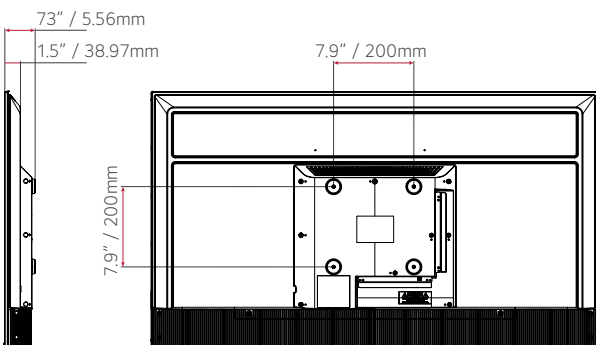
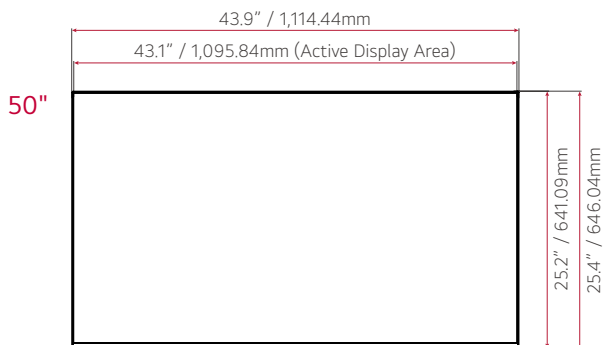
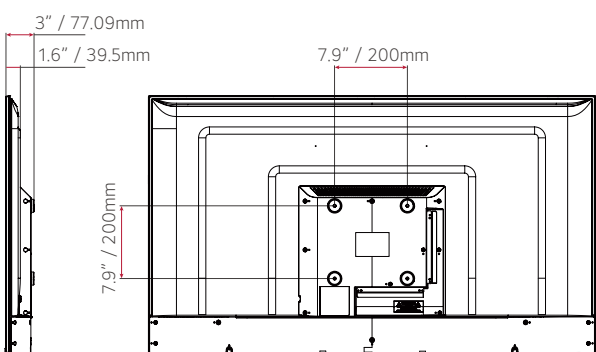
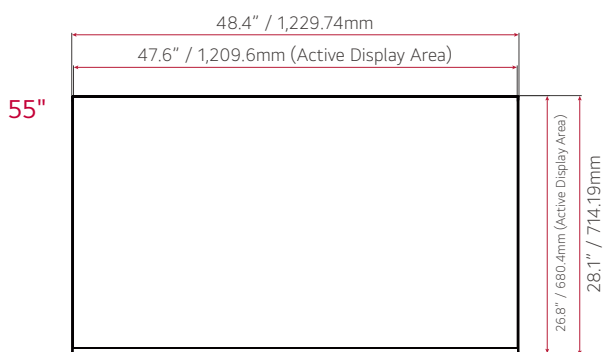
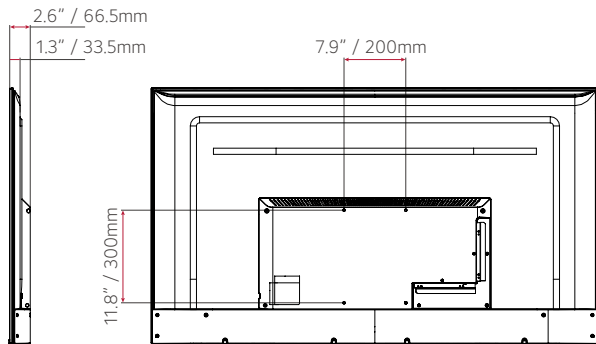
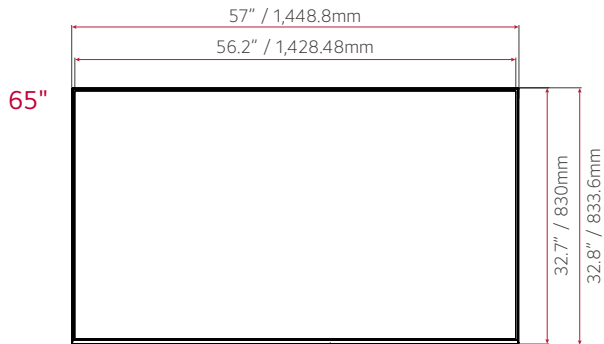
Content such as images, videos, audio messages, and live streaming can be shared from the primary system to specific devices including UM340E and LG CreateBoard installed in the school. In case of urgent occasions such as a fire or a natural disaster, alert messages have the ability to be distributed manually across the system, which help teachers and students promptly take urgent action.



### Remote-control

Frequently used controls such as the screen on/off, scheduling, brightness, and screen lock functions can be applied easily using a remote control. Additionally, IT managers can remotely install and update the apps on selected devices, which helps lessen the need for on-site response.

## DIMENSIONS



## CONNECTIVITY

**65"**

Vertical



Side



**55" / 50"**

Vertical



Side



## SPECIFICATIONS

		65UM340E0UZ	55UM340E0UZ	50UM340E0UZ
LCD Panel	Screen Size (Diag.)	65"	55"	50"
	Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
	Aspect Ratio	16:9	16:9	16:9
	Brightness	250 nits (Center, Typ.),	250 nits (Center, Typ.),	250 nits (Center, Typ.),
	Contrast Ratio	1,200:1 (Typ.)	1,200:1 (Typ.)	5,000:1 (Typ.)
	Color Gamut	68% (NTSC)	68% (NTSC)	68% (NTSC)
	Viewing Angle (CR > 10)	178°	178°	178°
	Display Area (H x V)	1,428.48 × 803.52	1,209.6 × 680.4	1,095.84 × 616.41
	Refresh Rate	60 Hz	60 Hz	60 Hz
	Display Mode	ADS	ADS	VA
	Surface Treatment (Haze)	1%, 3 H	1%, 3 H	1%, 3 H
Configuration	RAM / ROM (DDR / eMMC)	2G + 16G	2G + 16G	2G + 16G
	Language	English, French, Spanish	English, French, Spanish	English, French, Spanish
	System	Android 11.0 (AOSP)	Android 11.0 (AOSP)	Android 11.0 (AOSP)
	HDMI ARC, CEC	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
	Miracast	Yes	Yes	Yes
	DMS	Yes (with LGE Support)	Yes (with LGE Support)	Yes (with LGE Support)
I/O Interface	HDMI (3), USB, RJ45 In, North America (D-TV: ATSC), Wi-Fi (MT7663, 2T2R + BT), Built-in Speakers (10 W × 2)			
Power	Input Power	100-240 Vac	100-240 Vac	100-240 Vac
	Power Consumption (Typ.)	108.5 W	115.3 W	100 W
	Power Consumption (Max.)	135 W	140 W	125 W
	Power Consumption (Standby)	< 0.5 W	< 0.5 W	< 0.5 W
Operating Conditions	Operating Temp	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C
	Operating Humid	10% to 80%	10% to 80%	10% to 80%
Mechanical	Off Bezel Width (T/B/L/R)	1.5 / 14.5 / 1.5 / 1.5 mm	1.3 / 15.9 / 1.3 / 1.3 mm	1.0 / 14.4 / 1.0 / 1.0 mm
	Back Cover	Plastic/PC + ABS V0	Plastic/PC + ABS V0	Plastic/PC + ABS V0
	Wall Hanging Size (H x V)	200 x 300 mm	200 x 200 mm	200 x 200 mm
	Wall Hanging Screws	M6 x 10mm	M6 x 10mm	M6 x 10mm
	Dimensions without Stand (W x H x D)	57.0 x 32.8 x 2.6 in. 1,448.8 × 833.6 × 66.5 mm	48.4 x 28.1 x 3.0 in. 1,229.7 × 714.2 × 77.1 mm	43.9 x 25.4 x 3.0 in. 1,114.4 × 646 × 75.5 mm
Installation and Packing Type	Stand	Small	Small	Small
	Packing	Carton	Carton	Carton
Key Features	SoftAP, Bluetooth Audio Playback, USB Auto Playback (Only Play), Fail Over (Only Off), Time Scheduler @ DMS (On / Off Timer), NTP Sync Timer (Auto Obtain Network Time)			
Warranty	3 Year Limited			

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