



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

UHD Signage UH5J-H

New High Haze UHD Standard Signage



Proper Display
Brightness



webOS Smart
Platform



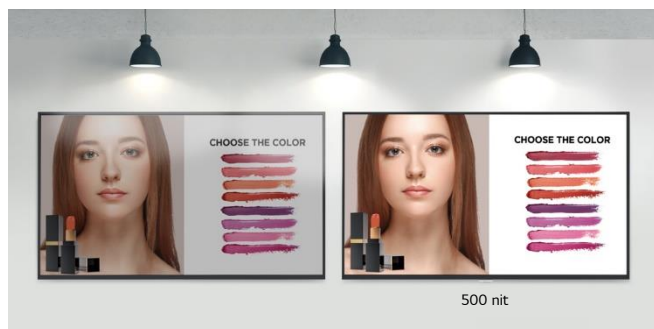
Mobile Content
Management



Meeting Room
Solution

UH5J-H

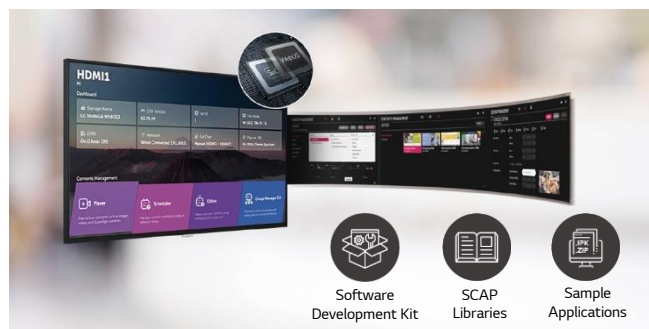
Screen Size	98" / 86" / 75" / 65" / 55" / 49" / 43"
Native Resolution	3,840 × 2,160 (UHD)
Bezel Color	Black
Brightness	500 nit (Typ.)
Bezel	98" / 75" : 14.9 mm (Even bezel) 86" : 14.3 mm (Even bezel) 65" / 55" / 49" : 9.9 mm (T/R/L), 14.4 mm (B) 43" : 8.4 mm (T/R/L), 14.4 mm (B)
Depth	98" : 86.1 mm 86" : 60.6 mm 75" : 57.9 mm 65" / 55" / 49" / 43" : 39.9 mm



Appropriate Display Brightness

With a recommend brightness of 500 cd/m² for indoor display, the UH5J-H series clearly delivers content and attracts public attention, making it the most suitable display for marketing in meeting rooms, airports, retail, shopping malls, etc.

* Actual images available may differ from the example images shown.



High-Performance with webOS

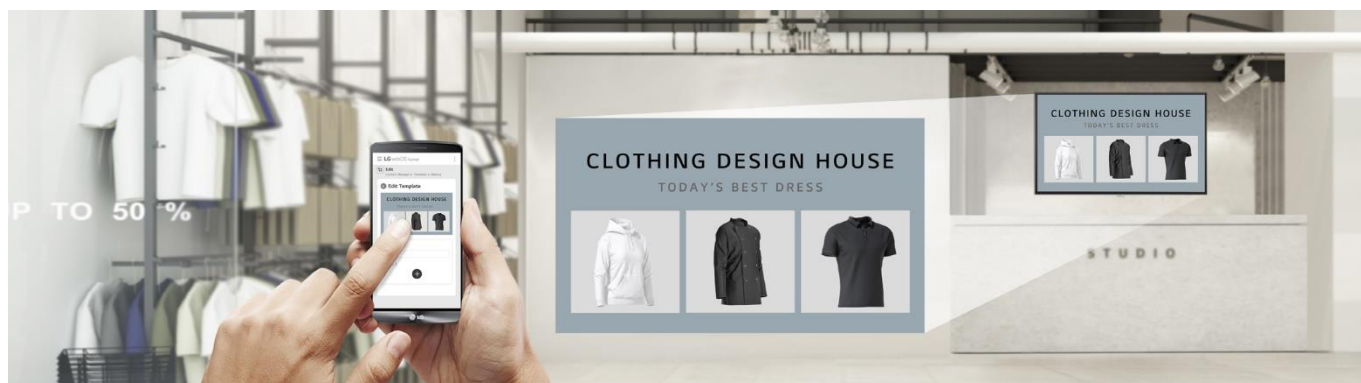
LG webOS platform enhances user convenience with intuitive GUI and simple app development tools.



Conformal Coating

In various places the UH5J-H series is unable to avoid exposure to environments containing dust, humidity, etc. which may hamper performance over time. The conformal coating on power board reduces these risks by protecting UH5J-H series from salt, dust, iron powder, humidity, etc.

* Actual images (signage display) available may differ from the example images shown.



Mobile Content Management

You can create a store profile and get template recommendations using the Promota* app. Users can customize templates as needed and easily create and manage content not only on PCs but also on mobile devices.

* LG Promota is can be downloaded from the App Store and Google Play store. (Not available for Europe/CIS Region)

* In Korea, the name is not Promota, but Mustard.



IP5x Certified Design

The IP5x Dust-Proof Certification ensures that the product is protected from dust, reducing the risk of performance degradation.



Compatible with AV Control System

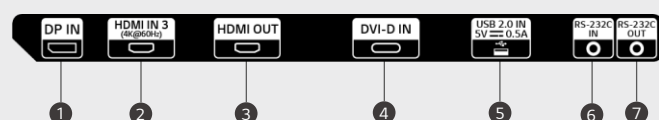
The UH5J-H series has supported Crestron Connected® for high compatibility with professional AV controls to achieve seamless integration and automated control*, boosting business management efficiency.

* Network based control

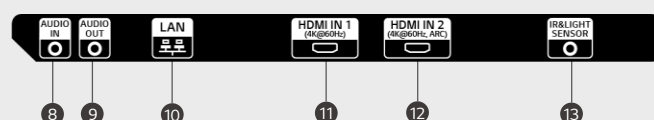
CONNECTIVITY

98"

Side



Bottom

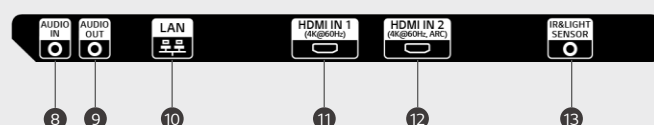


86" / 75"

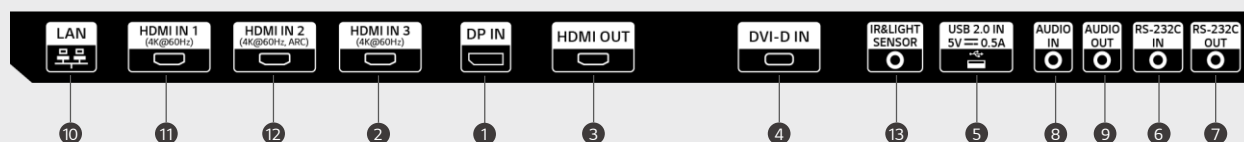
Side



Bottom



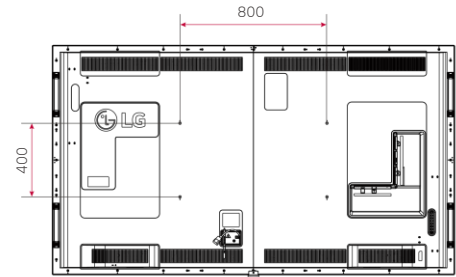
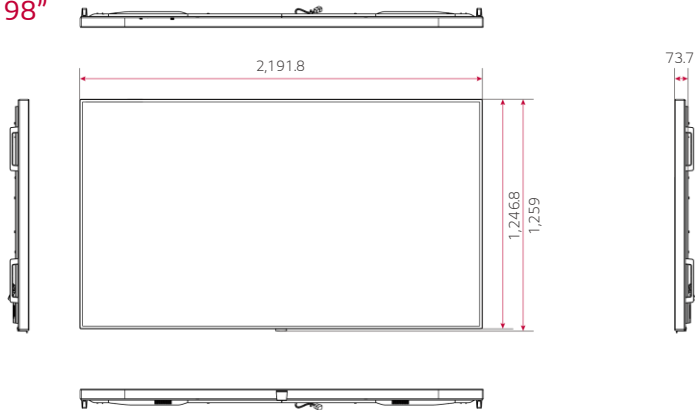
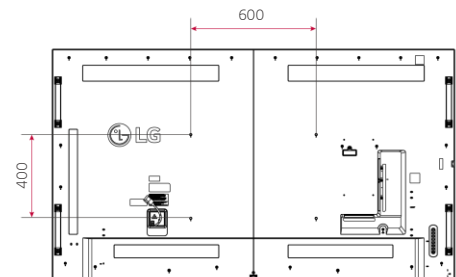
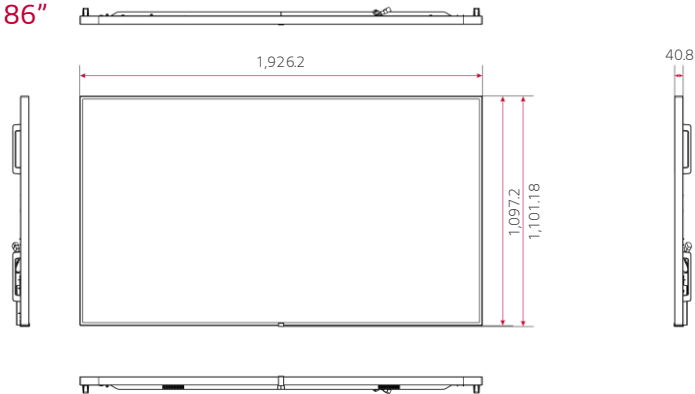
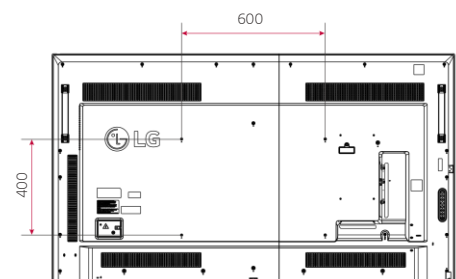
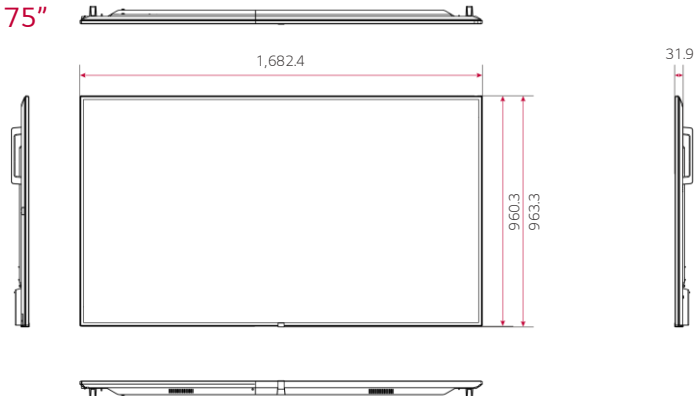
65" / 55" / 49" / 43"



- | | | | |
|-------------|--------------|---------------|-------------------|
| ① DP IN | ④ DVI-D IN | ⑦ RS-232C OUT | ⑩ LAN |
| ② HDMI IN 3 | ⑤ USB 2.0 IN | ⑧ AUDIO IN | ⑪ HDMI IN 1 |
| ③ HDMI OUT | ⑥ RS-232C IN | ⑨ AUDIO OUT | ⑫ HDMI IN 2 |
| | | | ⑬ IR&LIGHT SENSOR |

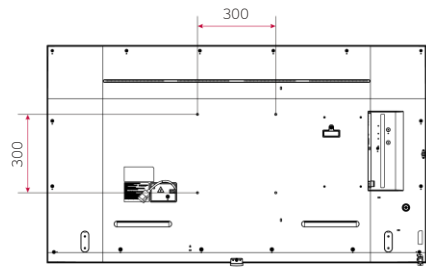
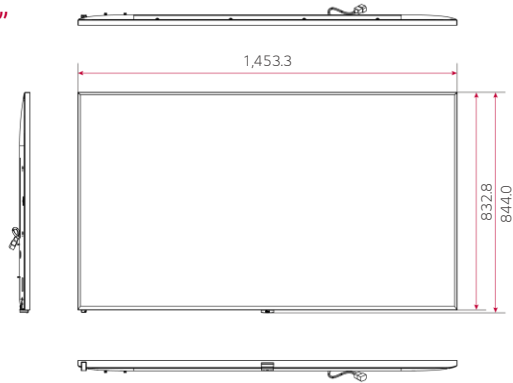
* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

DIMENSION (unit: mm)

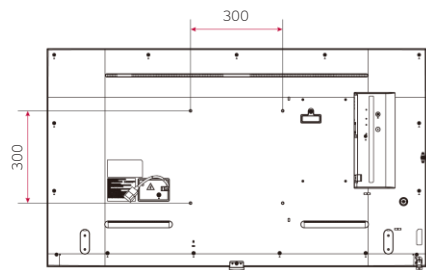
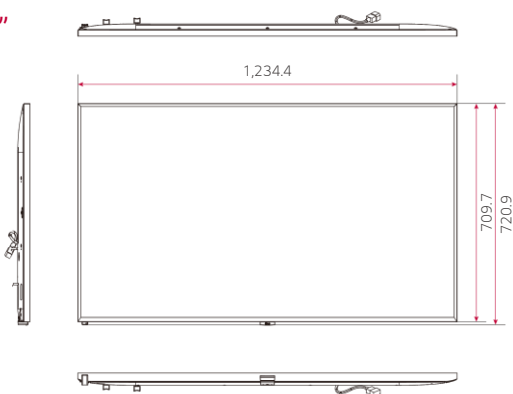
98"

86"

75"


DIMENSION (unit: mm)

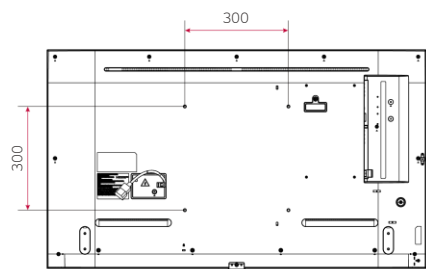
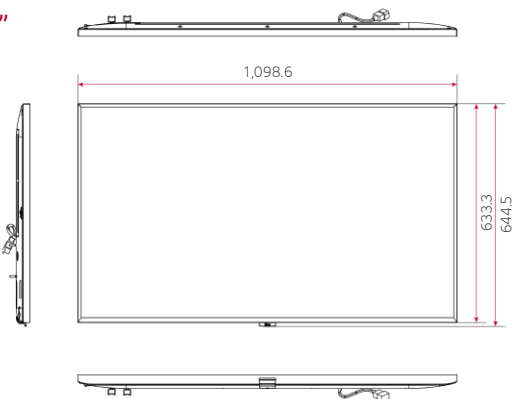
65"



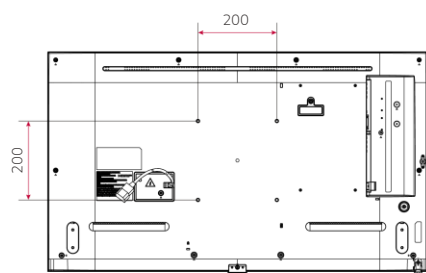
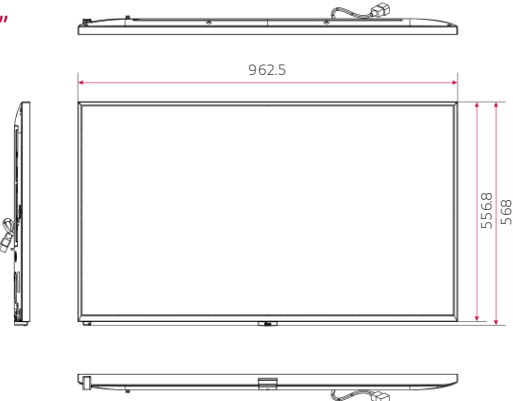
55"



49"



43"



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

SPECIFICATIONS

		98UH5J-H	86UH5J-H	75UH5J-H	65UH5J-H	55UH5J-H	49UH5J-H	43UH5J-H
Panel	Screen Size	98"	86"	75"	65"	55"	49"	43"
	Panel Technology	IPS	IPS	IPS	IPS	IPS	IPS	IPS
	Back Light Type	Direct	Edge	Edge	Edge	Edge	Edge	Edge
	Aspect Ratio	16:9	16:9	16:9	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)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Refresh Rate	60 Hz	120 Hz	120 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Brightness	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)	500 nit (Typ.)
	Contrast Ratio	1,200:1	1,100:1	1,100:1	1,100:1	1,100:1	1,100:1	1,200:1
	Dynamic CR ¹⁾	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	BT709 95%	BT709 95%	BT709 95%	BT709 95%
	Viewing Angle (H × V)	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (10 bit)	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 (10 bit (D))	1.07 Billion Colors (10 bit (D))	1.07 Billion Colors (8 bit + FRC)
	Response Time	8 ms (G to G)	8 ms (G to G)	6 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	28%	28%	28%	28%	28%	28%	25%
	Life time	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)	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	24 / 7	24 / 7	24 / 7
Connectivity	Input	HDMI (2, HDCP 2.2/1.4), HDMI (HDCP 1.4), DP (HDCP 2.2/1.3), DVI-D (HDCP 1.4), Audio In, RS-232C In (4 Pin Phone-jack), RJ45 (LAN), IR In, USB 2.0 (2, Type A)						
	Output	HDMI Out, Audio Out, External Control (RS-232C Out (4 Pin Phone-jack))						
Mechanical Specification	Bezel Color	Black	Black	Black	Black	Black	Black	Black
	Bezel Width	14.9 mm (Even Bezel)	14.3 mm (Even Bezel)	14.9 mm (Even Bezel)	9.9 mm (T/R/L), 14.4 mm (B)	9.9 mm (T/R/L), 14.4 mm (B)	9.9 mm (T/R/L), 14.4 mm (B)	8.4 mm (T/R/L), 14.4 mm (B)
	Weight (Head)	66 kg	49 kg	41.5 kg	28.2 kg	19 kg	15.4 kg	11.2 kg
	Weight (Head + Stand)	-	-	-	28.8 kg	19.6 kg	16 kg	11.8 kg
	Packed Weight	99 kg	72.5 kg (With Pallet)	51.2 kg	35 kg	24.2 kg	18.8 kg	13.7 kg
	Monitor Dimensions (W × H × D)	2,191.8 × 1,246.8 × 86.1 mm (without Handle and LG Logo)	1,926.2 × 1,097.2 × 60.6 mm (without Handle and LG Logo)	1,682.4 × 960.3 × 57.9 mm (without Handle and LG Logo)	1,453.3 × 844 × 39.9 mm (with LG Logo)	1,234.4 × 720.9 × 39.9 mm (with LG Logo)	1,098.6 × 644.5 × 39.9 mm (with LG Logo)	962.5 × 568 × 39.9 mm (with LG Logo)
	Monitor Dimensions with Stand (W × H × D)	-	-	-	1,453.3 × 893.1 × 290.0 mm	1,234.4 × 770.7 × 290.0 mm	1,098.6 × 694.3 × 290.0 mm	962.5 × 613.1 × 290.0 mm
	Carton Dimensions (W × H × D) (Box Outer Size)	2,342 × 1,386 × 420 mm	2,037 × 1,250 × 285 mm	1,816 × 1,126 × 228 mm	1,600 × 1,095 × 175 mm	1,360 × 835 × 175 mm	1,197 × 775 × 162 mm	1,060 × 660 × 152 mm
	Handle	Yes	Yes	Yes	No	No	No	NO
	VESA™ Standard Mount Interface	800 × 400 mm	600 × 400 mm	600 × 400 mm	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, Acceleration (Gyro) Sensor), Local Key Operation, webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync, Local Network Sync), Multi-screen (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 (Creston Connected ^{®2)}), Power (Smart Energy Saving, PM Mode, Wake on LAN, Network Ready (Except 98"/86"/75")), Beacon, HDMI-CEC ³⁾ , SI Server Setting, webRTC, ProIdiom							
Environment Conditions	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	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%	10% to 80%	10% to 80%	10% to 80%
Power	Power Supply	AC 100-240V ~, 50/60Hz	AC 100-240V ~, 50/60 Hz	AC 100-240V ~, 50/60 Hz	AC 100-240V ~, 50/60 Hz	AC 100-240V ~, 50/60 Hz	AC 100-240V ~, 50/60Hz	AC 100-240V ~, 50/60Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power
Power Consumption	Typ. / Max.	420 W / 570 W (TDB)	215 W / 280 W (TDB)	180 W / 260 W (TDB)	130 W / 190 W	110 W / 150 W	1000 W / 140 W	80 W / 120 W
	BTU (British Thermal Unit)	1,433 BTU/Hr (Typ.), 1,945 BTU/Hr (Max.) (TDB)	733.69 BTU/Hr (Typ.), 955.5 BTU/Hr (Max.) (TDB)	614.25 BTU/Hr (Typ.), 887.25 BTU/Hr (Max.) (TDB)	444 BTU/Hr (Typ.), 649 BTU/Hr (Max.)	376 BTU/Hr (Typ.), 512 BTU/Hr (Max.)	342 BTU/Hr (Typ.), 478 BTU/Hr (Max.)	273 BTU/Hr (Typ.), 410 BTU/Hr (Max.)
	Smart Energy Saving	294 W (TDB)	150.5 W (TDB)	126 W (TDB)	91 W	77 W	70 W	56 W
	DPM	0.5 W	0.5 W	0.5 W	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	0.5 W	0.5 W	0.5 W
	Sound	Speaker	Yes	Yes	Yes	Yes	Yes	Yes
Certification	Safety	CB / NRTL	CB / NRTL	CB / NRTL	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	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
OPS Compatibility	ErP / Energy Star	Yes (NewErP) / No (TDB)	Yes (NewErP) / No (TDB)	Yes (NewErP) / Yes (TDB)	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes	Yes (NewErP) / Yes
	OPS Type Compatible	No	Yes	Yes	Yes	Yes	Yes	Yes
Software Compatibility	OPS Power Built-in	No	No	No	No	No	No	No
	Software Compatibility	SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Promota (Not Available for EU/CIS), Mobile CMS, LG ConnectedCare ⁴⁾						
Language	Basic	English, French, German, Spanish, Italian, Korean, Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Turkish, Arabic						
	Optional	-	OPS Kit (KT-OPSF), LSW640A/B (Wall Mount)	Stand(ST-653T), Wall Bracket(LSW350B), OPS Kit(KT-OPSF)				
Special Feature	Overlay Touch Compatibility	No	No	No	No	No	No	No
	Tilt (Facedown)	-	-	-	Yes (Max. 30°) ⁵⁾	Yes (Max. 30°) ⁵⁾	Yes (Max. 30°) ⁵⁾	Yes (Max. 15°) ⁵⁾
IP Rating	IP Rating	-	-	-	IP5X	IP5X	IP5X	IP5X

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.

⁵⁾ In conditions within 30°C temperature, 50% humidity.

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



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