LG | **Business Solutions**

A STRATEGY TO ACHIEVE THIS YEAR'S GOAL

UHD Signage 98/86/75/65/55/49/43 UH5F-H

LG UHD Large Screen Signage

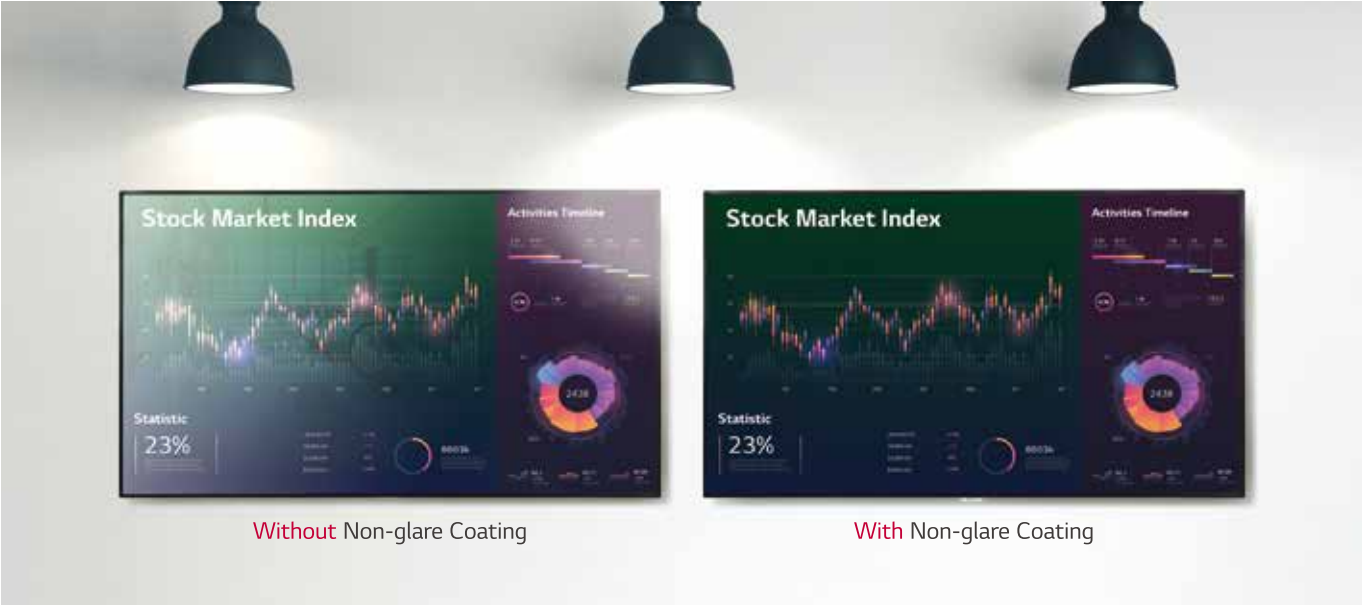| Large Screen Size	Product Reliability with Conformal Coating	Superb Picture Quality
webOS Smart Platform	Meeting Room Solution	Easy Management

SUPERB PICTURE QUALITY

Without Non-glare Coating

With Non-glare Coating

Clear View with Non-glare Coating

Viewers can be annoyed by unnecessary reflections when watching a screen under brightly lit conditions. The UH5F-H series has resolved such inconveniences by increasing the level of haze, which enhances visibility and text readability.

FULL HD

1,080

← 1,920 →

ULTRA HD

2,160

← 3,840 →

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 an IPS panel, provides clear contents with no distortion.

webOS SMART SIGNAGE PLATFORM
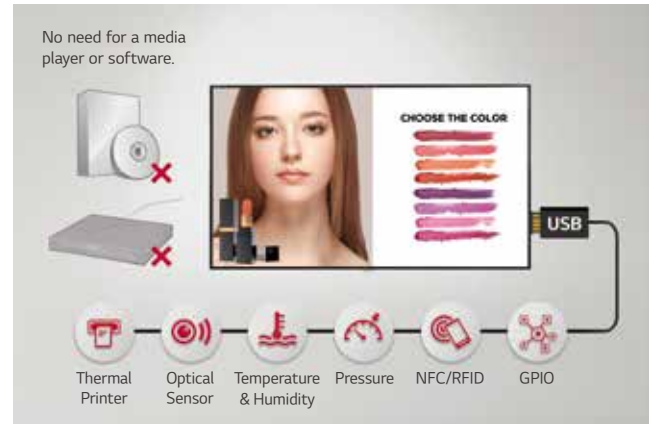
High-Performance with webOS

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 smart signage 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.

MEETING ROOM SOLUTION COMPATIBILITY

Compatible with AV Control System

The UH5F-H 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

Compatible with Video Conference System

For the optimum visual meeting, the UH5F-H 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

EASY MANAGEMENT

Real-time Monitoring & Control

Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple UH5F-H series displays in different locations in real-time. It is available on internet connected devices, allowing you to flexibly and rapidly respond to emergency situations anywhere.

Repair

Signage 365Care

Status, Usage Data
Monitoring / Fault Detection

Real-time Cloud Care Service - Signage365care

The maintenance gets easier and faster with an optional service Signage365Care*, a cloud service solution provided by LG service. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.

* The availability of "Signage365Care" service can differ by region, so please contact the LG sales representative in your region for further details.

USER CONVENIENCE
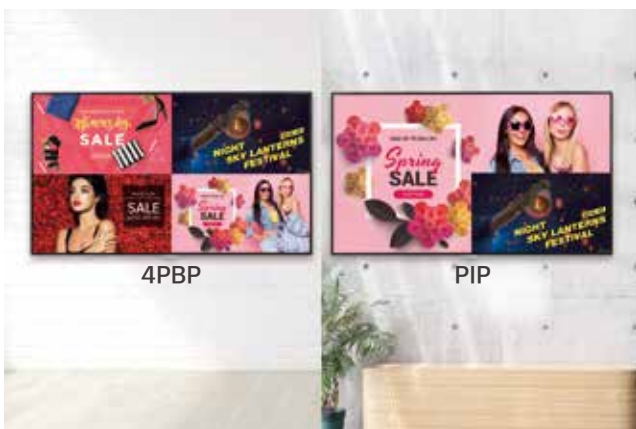
4PBP   PIP

Multiscreen Feature with PBP / PIP

PBP (Picture-By-Picture) features multiple screens in a single display with up to 4 input sources while PIP (Picture-In-Picture) supports playing both a main screen and a subscreen at the same time with various layouts. This gives great flexibility to allocate space for each content source.
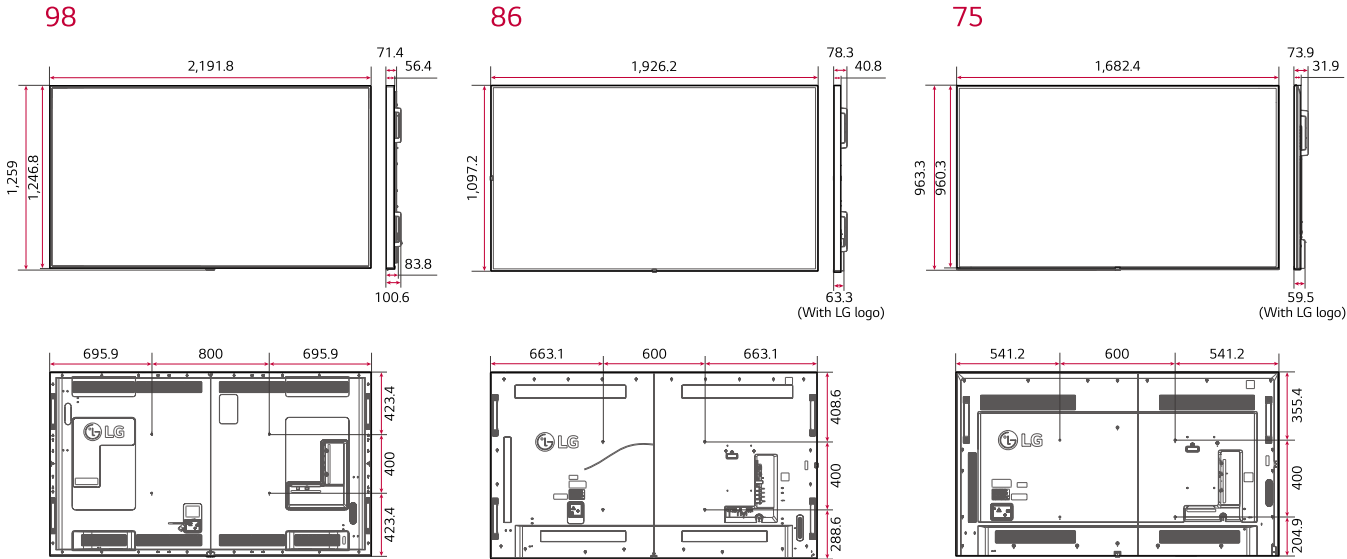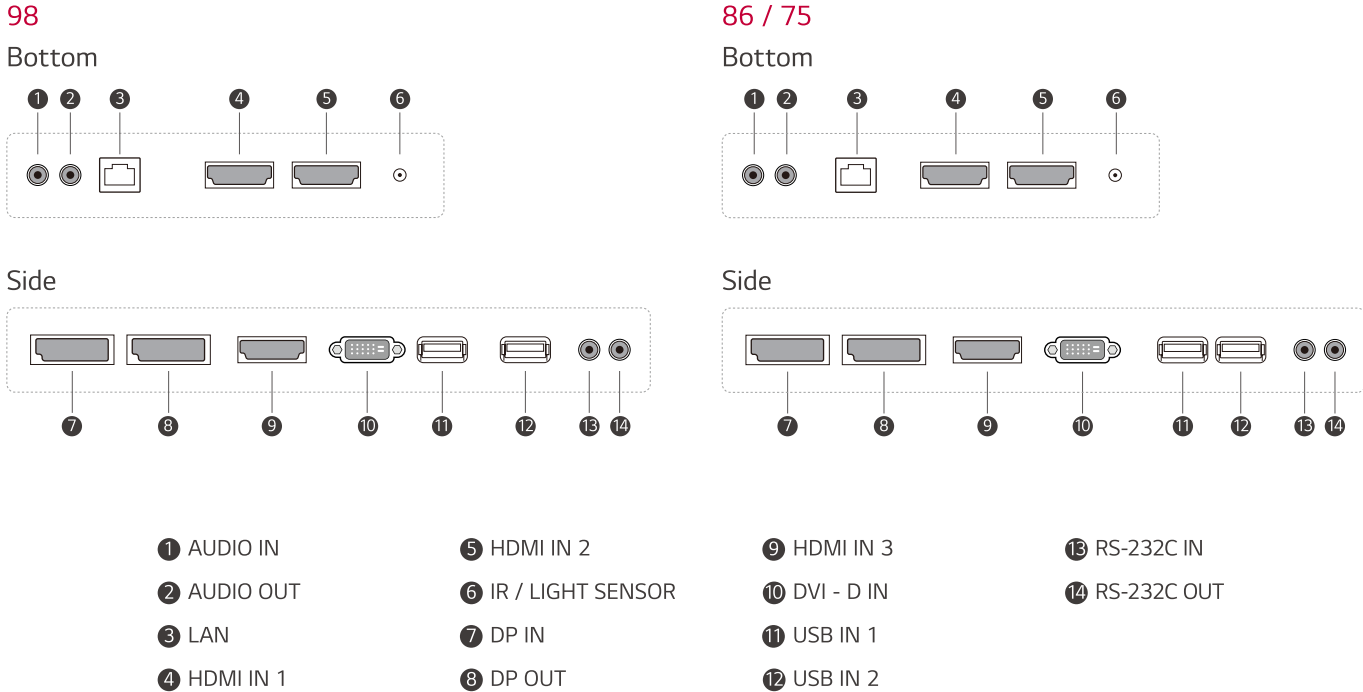

Internet
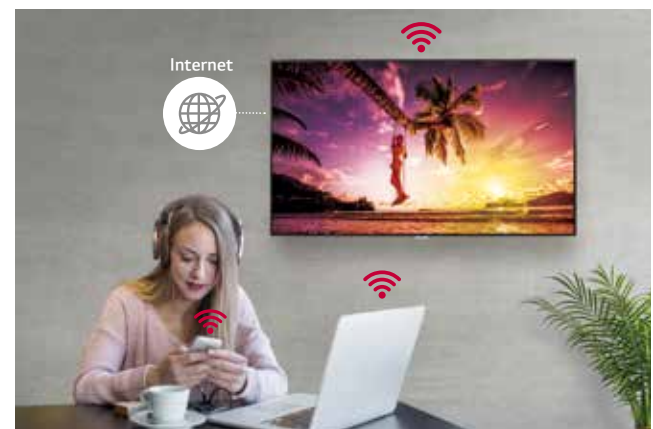
Wireless Access Point

The UH5F-H series operates as a virtual router which can be an wireless access point for mobile devices.

DIMENSION

(unit: mm)

98

2,191.8 | 71.4 | 56.4
1,259 | 1,246.8
83.8
100.6

695.9 | 800 | 695.9
423.4
400
423.4

86

1,926.2 | 78.3 | 40.8
1,097.2
63.3
(With LG logo)

663.1 | 600 | 663.1
408.6
400
288.6

75

1,682.4 | 73.9 | 31.9
963.3 | 960.3
59.5
(With LG logo)

541.2 | 600 | 541.2
355.4
400
204.9

CONNECTIVITY

98

Bottom

1 2 3 4 5 6

Side

7 8 9 10 11 12 13 14

86 / 75

Bottom

1 2 3 4 5 6

Side

7 8 9 10 11 12 13 14

1 AUDIO IN
2 AUDIO OUT
3 LAN
4 HDMI IN 1

5 HDMI IN 2
6 IR / LIGHT SENSOR
7 DP IN
8 DP OUT

9 HDMI IN 3
10 DVI - D IN
11 USB IN 1
12 USB IN 2

13 RS-232C IN
14 RS-232C OUT
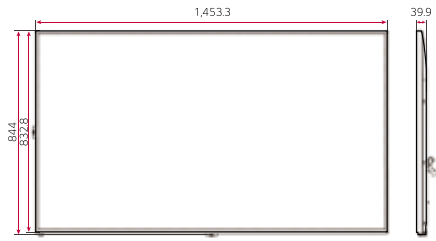
* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

DIMENSION

(unit: mm)

65

1,453.3 39.9
844 832.8

576.7 300 576.7
264.2 255.7
300
268.7 279.6

55

1,234.4 39.9
720.9 709.7

467.2 300 467.2
202.6
300
207.1

49

1,098.6 39.9
644.5 633.3

399.3 300 399.3
164.4
300
168.9

43

962.5 39.9
556.8

381.25 200 381.25
175.4
200
181.4

CONNECTIVITY

65 55 49 43

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

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

SPECIFICATIONS

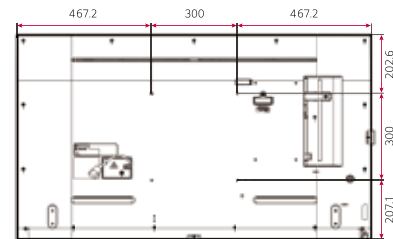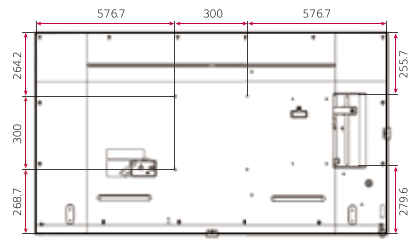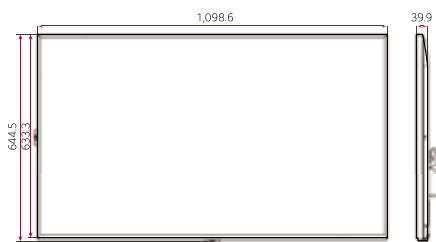|		98UH5F-H	86UH5F-H	75UH5F-H
Panel	Screen Size	98	86	75
	Panel Technology	Direct	Edge	Edge
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Brightness (Typ.)	500nit (Typ.)	500nit (Typ.)	500nit (Typ.)
	Contrast (Dynamic)	1,000,000:1	1,000,000:1	1,000,000:1
	Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%
	Viewing Angle (H × V)	178 X 178	178 X 178	178 X 178
	Color Depth	10bit, 1.06Billion colors	10bit, 1.06Billion colors	10bit, 1.06Billion colors
	Response Time	8ms (G to G)	8ms (G to G)	6ms (G to G)
	Surface Treatment (Haze)	28%	28%	Haze 28%
	Operation Hours (Hours / Day)	24 / 7	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP (1, HDCP 2.2/1.3), DVI-D (1, HDCP 1.4), Audio, USB 2.0 Type A		
	Output	DP, Audio		
	External Control	RS232C (4 Pin Phone Jack) In / Out, RJ45 (LAN) In, IR In		
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	Even bezel : 14.9mm	Even bezel : 14.3mm	Even bezel : 14.9m
	Weight (Head)	81.1Kg	49.0Kg	41.5Kg
	Monitor Dimensions (W × H × D)	2191.8 x 1246.8 x 83.8mm	1926.2 x 1097.2 x 60.6mm	1682.4 x 960.3 x 57.9mm
	Monitor Dimensions with Stand (W × H × D)	2362 x 1386 x 420mm	2073 x 1250 x 285mm	1816 x 1123 x 228mm
	Handle	No	No	No
	VESA™ Standard Mount Interface	800 x 400	600 x 400	600 x 400
Key Feature		Internal Memory (8 GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Acceleration (Gyro) Sensor, Local Key Operation, webOS 4.1, 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, Crestron Connected [2], Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom		
Environmental Conditions	Operation Temperature	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 %
Power	Power Supply	AC 100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz	AC 100-240V~, 50/60Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power
	Power Consumption — Typ. / Max.	420 W / 560 W	215 W / 280 W	180 W / 260 W
	Power Consumption — BTU (British Thermal Unit)	409 BTU/Hr (Typ.), 563 BTU/Hr (Max.)	358 BTU/Hr (Typ.), 495 BTU/Hr (Max.)	324 BTU/Hr (Typ.), 444 BTU/Hr (Max.)
Sound	Speaker (Built-in)	10W + 10W	10W + 10W	10W + 10W
Certification	Safety	CB / NRTL	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes / Energy Star 8.0	Yes / Energy Star 8.0	Yes / Energy Star 8.0
Media player Compatibility	OPS Type Compatible	Yes	Yes	Yes
	OPS Power Built In	No	No	No
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Signage365Care[4]		
Accessories	Basic	Remote Controller(include battery 2ea), Power Cord, QSG, IR/Light sensor receiver, DP Cable(1.8M), Regulation Book, Phone to RS232C Gender, EYE-BOLT		
	Optional	Stand (ST-653T), Wall Bracket (65, 55, 49 LSW350B / 43 LSW240B), VESA Adapter (65, 55, 49 AM-B330S / 43 AM-B220S), OPS Kit (KT-OPSF)		
Special Feature	Tilt (Facedown)	Yes (Max. 30º)[5]		
	IP Rating	IP5X		
	Surface Treatment	3H Antiglare treatment on surface		

[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, so please contact LG sales team to verify before ordering.

SPECIFICATIONS

		65UH5F-H	55UH5F-H	49UH5F-H	43UH5F-H
Panel	Screen Size	65	55	49	43
	Panel Technology	IPS	IPS	IPS	IPS
	Native Resolution	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)	3,840 × 2,160 (UHD)
	Brightness (Typ.)	500 nit	500 nit	500 nit	500 nit
	Contrast Ratio	1,100 : 1	1,100 : 1	1,100 : 1	1,100 : 1
	Dynamic CR[1]	500,000 : 1	500,000 : 1	500,000 : 1	500,000 : 1
	Color Gamut	BT709 95 %	BT709 95 %	BT709 95 %	BT709 95 %
	Viewing Angle (H x V)	178 × 178	178 × 178	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit)
	Response Time	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Surface Treatment (Haze)	Haze 28 %	Haze 28 %	Haze 28 %	Haze 28 %
	Operation Hours (Hours / Day)	24 / 7	24 / 7	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP(1, HDCP 2.2/1.3), DVI-D (1, HDCP 1.4), Audio, USB 2.0 Type A			
	Output	DP, Audio			
	External Control	RS232C (4 Pin Phone Jack) In / Out, RJ45 (LAN) In, IR In			
Mechanical Specification	Bezel Color	Black	Black	Black	Black
	Bezel Width	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)	28.2 kg	19.0 kg	15.4 kg	11.2 kg
	Monitor Dimensions (W × H × D)	1,453.3 × 844.0 × 39.9 mm	1,234.4 × 720.9 × 39.9 mm	1,098.6 × 644.5 × 39.9 mm	962.5 × 568.0 × 39.9 mm
	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
	Handle	No	No	No	No
	VESA™ Standard Mount Interface	300 × 300 mm	300 × 300 mm	300 × 300 mm	200 × 200 mm
Key Feature		Internal Memory (8 GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Acceleration (Gyro) Sensor, Local Key Operation, webOS 4.1, 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, Crestron Connected [2], Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC[3], SI Server Setting, webRTC, Pro:Idiom			
Environmental Conditions	Operation Temperature	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %
Power	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
	Power Consumption — Typ. / Max.	130 W / 180 W (TBD)	110 W / 160 W (TBD)	100 W / 145 W (TBD)	75 W / 110 W (TBD)
	Power Consumption — Smart Energy Saving	96W	84W	76W	60W
Sound	Speaker	10W + 10W	10W + 10W	10W + 10W	10W + 10W
Certification	Safety	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
	ErP / Energy Star	Yes / Energy Star 8.0	Yes / Energy Star 8.0	Yes / Energy Star 8.0	Yes / Energy Star 8.0
Media player Compatibility	OPS Type Compatible	Yes	Yes	Yes	Yes
	OPS Power Built In	No	No	No	No
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor, Signage365Care[4]			
Accessories	Basic	Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender			
	Optional	Stand (ST-653T), Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSF)			
Special Feature	Tilt (Facedown)	Yes (Max. 30º)[5]			
	IP Rating	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℃ temperature, 50% humidity
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