UHD Signage 98/86/75" UH5F-H

LG UHD Large Screen Signage

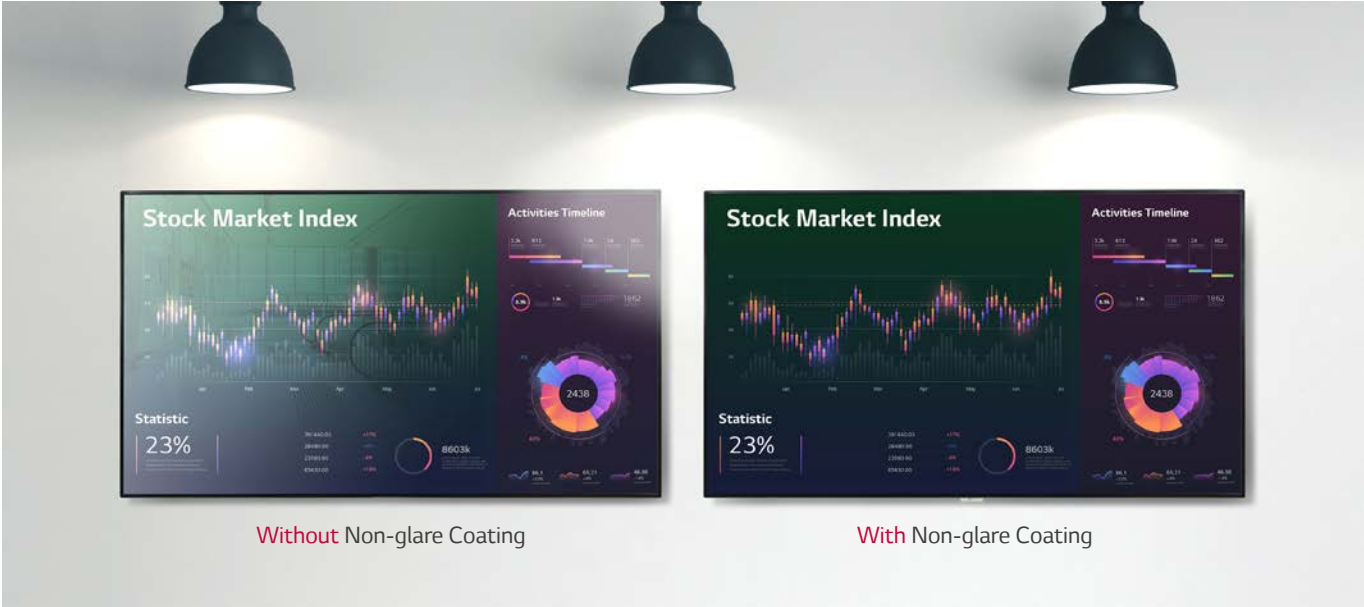Large Screen Size

Clear View
with Non-glare Coating

4K UHD Superb Picture Quality

webOS Smart Platform

Meeting Room Solution

Easy Management

SUPERB PICTURE QUALITY

Without Non-glare Coating

With Non-glare Coating
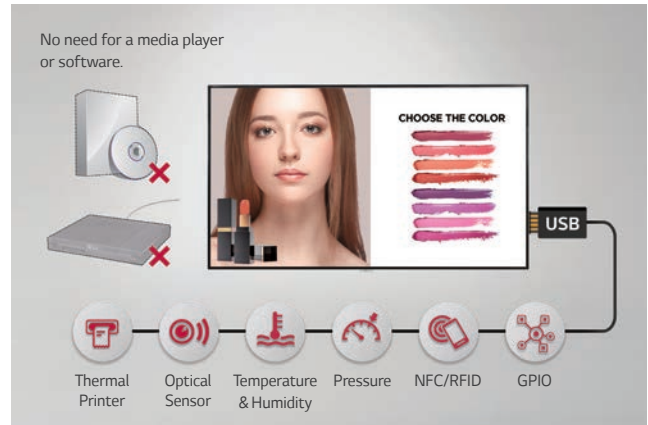
Clear View with Non-glare Coating

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 vivid, clear contents viewable even at wide angles.

webOS SMART SIGNAGE PLATFORM

Software Development Kit · SCAP Libraries · Sample Applications

No need for a media player or software.

CHOOSE THE COLOR

USB

Thermal Printer · Optical Sensor · Temperature & Humidity · Pressure · NFC/RFID · GPIO

High-Performance with webOS

Built-in Quad Core System on Chip 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 iser interface and simple app development tools.

Various Sensor Applications

LG webOS smart signage platform supports connections with external sensors such as GPIO, NFC/RFID, temperature sensors, etc, via USB plug-in. There is 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 network-based control*, boosting business management efficiency.

Compatible with Video Conference System

The UH5F-H series is compatible with Cisco systems using an HDMI cable connection. This offers powerful and integrated control for a smarter video conference, virtually eliminating wasted time setting up the picture quality or changing inputs for incoming calls.

EASY MANAGEMENT
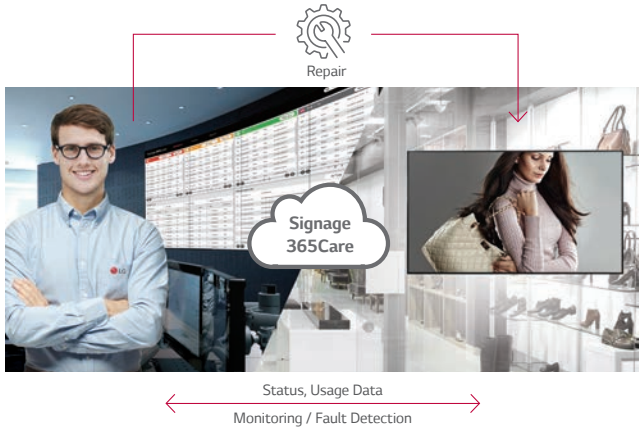
## Real-time Monitoring & Control

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.

LG ConnectedCare

The maintenance gets easier and faster with an optional service LG ConnectedCare*, 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 "LG ConnectedCare" service can differ by region, so please contact the LG sales representative in your region for further details.

USER CONVENIENCE
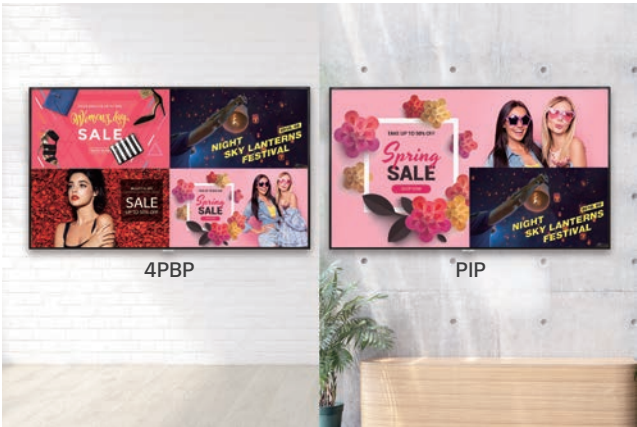
Multiscreen Feature with PBP / PIP

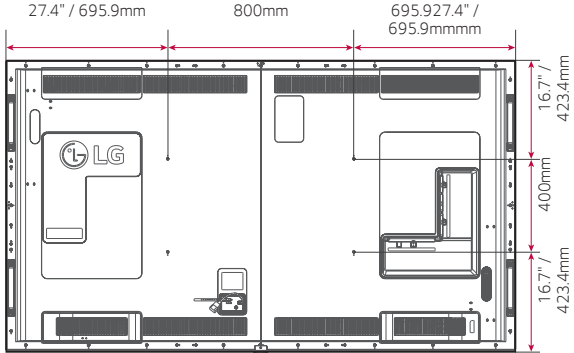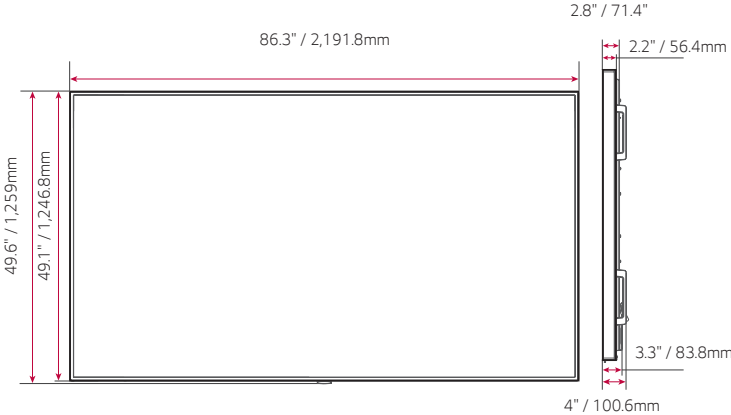Picture-by=Picture (PBP) features multiple screens in a single display with up to 4 input sources while PIP (Picture-In-Picture) supports playing both a main screen and a subscreen at the same time with various layouts. This gives great flexibility to allocate space for each content source.

Wireless Access Point

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

DIMENSIONS

98"

86.3" / 2,191.8mm
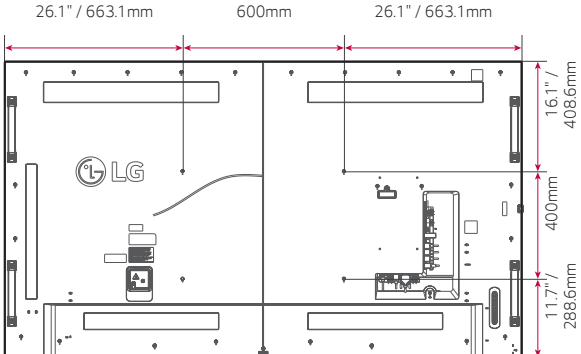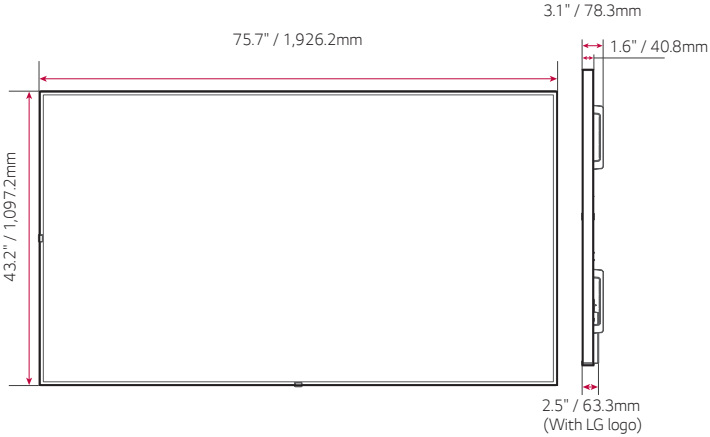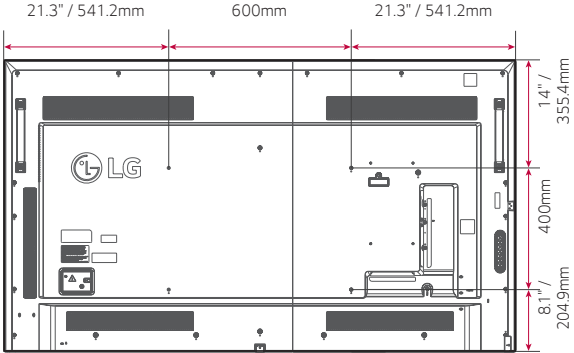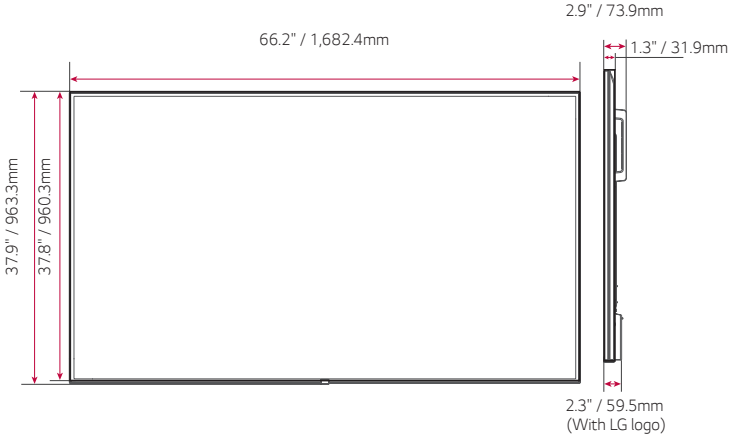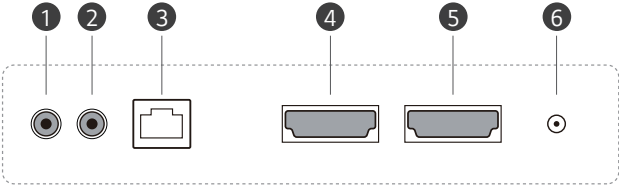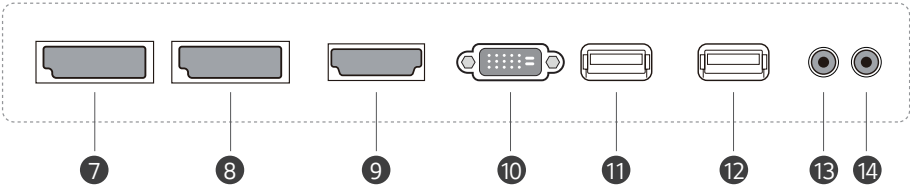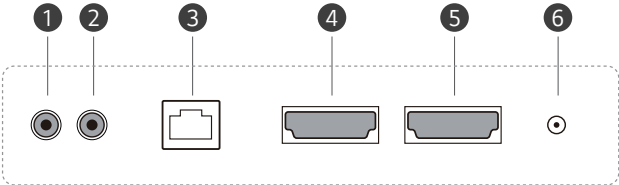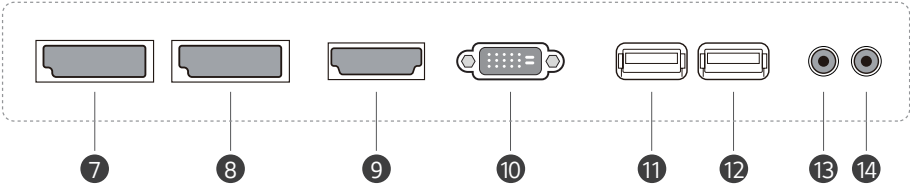
2.8" / 71.4"

2.2" / 56.4mm

49.6" / 1,259mm
49.1" / 1,246.8mm

3.3" / 83.8mm

4" / 100.6mm

27.4" / 695.9mm

800mm

695.927.4" / 695.9mmmm

16.7" / 423.4mm

400mm

16.7" / 423.4mm

86"

75.7" / 1,926.2mm

3.1" / 78.3mm

1.6" / 40.8mm

43.2" / 1,097.2mm

2.5" / 63.3mm
(With LG logo)

26.1" / 663.1mm

600mm

26.1" / 663.1mm

16.1" / 408.6mm

400mm

11.7" / 288.6mm

75"

66.2" / 1,682.4mm

2.9" / 73.9mm

1.3" / 31.9mm

37.9" / 963.3mm
37.8" / 960.3mm

2.3" / 59.5mm
(With LG logo)

21.3" / 541.2mm

600mm

21.3" / 541.2mm

14" / 355.4mm

400mm

8.1" / 204.9mm

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	⑤ HDMI IN 2	⑨ HDMI IN 3	⑬ RS-232C IN
② AUDIO OUT	⑥ IR / LIGHT SENSOR	⑩ DVI - D IN	⑭ RS-232C OUT
③ LAN	⑦ DP IN	⑪ USB IN 1	
④ HDMI IN 1	⑧ DP OUT	⑫ USB IN 2	

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

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

SPECIFICATIONS

		98UH5F-H	86UH5F-H	75UH5F-H
PANEL	Screen Size	98"	86"	75"
	Panel Technology	IPS	IPS	IPS
	Back Light Type	Direct	Edge	Edge
	Aspect Ratio	16:9	16:9	16:9
	Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
	Refresh Rate	120 Hz	120 Hz	120 Hz
	Brightness (Typ)	500 nits	500 nits	500 nits
	Contrast Ratio	1,200:1	1,100:1	1,100:1
	Dynamic CR	1,000,000:1	1,000,000:1	1,000,000:1
	Color gamut	NTSC 72%	NTSC 72%	NTSC 72%
	Viewing Angle(H x V)	178° X 178°	178° X 178°	178° X 178°
	Color Depth	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion colors
	Response Time (G to G)	8 ms	8 ms	6 ms
	Surface Treatment (Haze)	28%	28%	28%
	Lifetime	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours (Hours/Day)	24/7	24/7	24/7
	Portrait / Landscape	Yes / Yes	Yes / Yes	Yes / Yes
SOUND	Speaker	Yes	Yes	Yes
CONNECTIVITY	HDMI IN	Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4	Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4	Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4
	DP IN	Yes (1), HDCP2.2/1.3	Yes (1), HDCP2.2/1.3	Yes (1), HDCP2.2/1.3
	DVI-D IN	Yes (1), HDCP1.4	Yes (1), HDCP1.4	Yes (1), HDCP1.4
	Audio In	Yes	Yes	Yes
	RS232C IN	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack
	RJ45 (LAN) IN	Yes	Yes	Yes
	IR IN	Yes	Yes	Yes
	USB IN	USB2.0 Type A(2)	USB2.0 Type A(2)	USB2.0 Type A(2)
	DP Out	Yes (1), Input: HDMI1/2/3/DVI/DP	Yes (1), Input: HDMI1/2/3/DVI/DP	Yes (1), Input: HDMI1/2/3/DVI/DP
	Audio Out	Yes	Yes	Yes
	RS232C OUT	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack	Yes (1), 4pin 3.5mm Jack
MECHANICAL	Bezel Color	Black	Black	Black
	Bezel Width	Even bezel: 14.9mm	Even bezel: 14.3mm	Even bezel: 14.9mm
	Weight(Head)	178.8 lbs / 81.1 kg	108.0 lbs / 49.0 kg	91.5 lbs / 41.5 kg
	Packed Weight	262.4 lbs / 119 kg	159.8 lbs / 72.5 kg	112.9 lbs / 51.2 kg
	Monitor Dimension (W x H x D)	86.3 x 49.1 x 2.3 in / 2191.8 x 1246.8 x 83.8 mm (without Handle and LG Logo)	75.8 x 43.2 x 2.4 in / 1926.2 x 1097.2 x 60.6 mm (without Handle and LG Logo)	66.2 x 37.8 x 2.3 in / 1682.4 x 960.3 x 57.9 mm (without Handle and LG Logo)
	Carton Dimensions (W x H x D) (Box outer size)	93.0 x 54.6 x 16.5 in / 2362 x 1386 x 420 mm	81.6 x 49.2 x 11.2 in / 2073 x 1250 x 285 mm	71.5 x 44.2 x 9.0 in / 1816 x 1123 x 228 mm
	Handle	Yes	Yes	Yes
	VESATM Standard Mount Interface	800 x 400	600 x 400	600 x 400
	Tilt (Face Down)	No	No	No
	Operation Temperature	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
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %
	OPS type compatible	No	Yes	Yes
	OPS Power built in	No	Yes	Yes
KEY FEATURES	Internal Memory	8 GB	8 GB	8 GB
	Built-in Wi-Fi	Yes	Yes	Yes
	Temperature Sensor	Yes	Yes	Yes
	Auto Brightness sensor	Yes	Yes	Yes
	Local Key Operation	Yes	Yes	Yes
	webOS ver.	webOS 4.0	webOS 4.0	webOS 4.0
	Local Contents Scheduling	Yes	Yes	Yes
	Group Manager	Yes	Yes	Yes
	USB Plug & Play	Yes	Yes	Yes
	Fail over	Yes	Yes	Yes
	Booting Logo Image	Yes	Yes	Yes
	No Signal Image	Yes	Yes	Yes
	RS-232C Sync	Yes	Yes	Yes
	Local Network Sync	Yes	Yes	Yes
	PIP	Yes	Yes	Yes
	PBP	Yes (4)	Yes (4)	Yes (4)
	Screen Share	Yes	Yes	Yes
	Video Tag	Yes (4)	Yes (4)	Yes (4)
	Play via URL	Yes	Yes	Yes
	Screen Rotation	Yes	Yes	Yes
	External Input Rotation	Yes	Yes	Yes
	Gapless Playback	Yes	Yes	Yes
	Tile Mode Setting	Yes (Max. 15x15)	Yes (Max. 15x15)	Yes (Max. 15x15)
	Setting Data Cloning	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes
	ISM Method	Yes	Yes	Yes
	Auto Set ID	Yes	Yes	Yes
	Status Mailing	Yes	Yes	Yes
	Control Manager	Yes	Yes	Yes
	Crestron Inside	Yes	Yes	Yes
	Smart Energy Saving	Yes	Yes	Yes
	PM mode	Yes	Yes	Yes
	Wake on LAN	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes
	HDMI-CEC	Yes	Yes	Yes
	SI Server Setting	Yes	Yes	Yes
	webRTC	Yes	Yes	Yes
	Pro:Idiom	Yes	Yes	Yes
POWER	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power	Built-In Power
	Typ. Power	420W	215W	180W
	Max. Power	560W	280W	260W
	BTU (British Thermal Unit)	1433.25 BTU/Hr (Typ.), 1911 BTU/Hr (Max)	733.69 BTU/Hr (Typ.), 955.5 BTU/Hr (Max)	614.25 BTU/Hr (Typ.), 887.25 BTU/Hr (Max)"
	Smart Enegy Saving	294 W	150.5 W	126 W
	DPM	0.5 W	0.5 W	0.5 W
	Power off	0.5 W	0.5 W	0.5 W
LG SOFTWARE & SERVICES*	SuperSign CMS	Yes	Yes	Yes
	SuperSign Control / Control+	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign WB	Yes	Yes	Yes
	SuperSign Media Editor	Yes	Yes	Yes
	Signage365 Care	Yes	Yes	Yes
"WARRANTY & OTHER"	Warranty	3 Year Limited	3 Year Limited	3 Year Limited
	FCC (Regulatory)	Class A	Class A	Class A
	CE (Regulatory)	Yes	Yes	Yes
	ErP	Yes	Yes	Yes
	Energy Star	No	No	Yes
	Basic Accessories	Remote Control (battery 2ea), Power Cord, QSG, IR/ Light receiver, DP Cable (1.8m), Regulation Book, Phone to RS232C Adapter, EYE-BOLT	Remote Control (battery 2ea), Power Cord, QSG, IR/ Light receiver, DP Cable (1.8m), Regulation Book, Phone to RS232C Adapter	Remote Control (battery 2ea), Power Cord, QSG, IR/ Light receiver, DP Cable (1.8m), Regulation Book, Phone to RS232C Adapter

* SuperSign CMS, Control+, White Balance and Signage365 Care are optional pay-for software/services.