



\* All images are for illustrative purposes only

**UHD Signage** 98/86/75" UH5F-H

# LG UHD Large Screen Signage

Large Screen Size

Clear View with Non-glare Coating

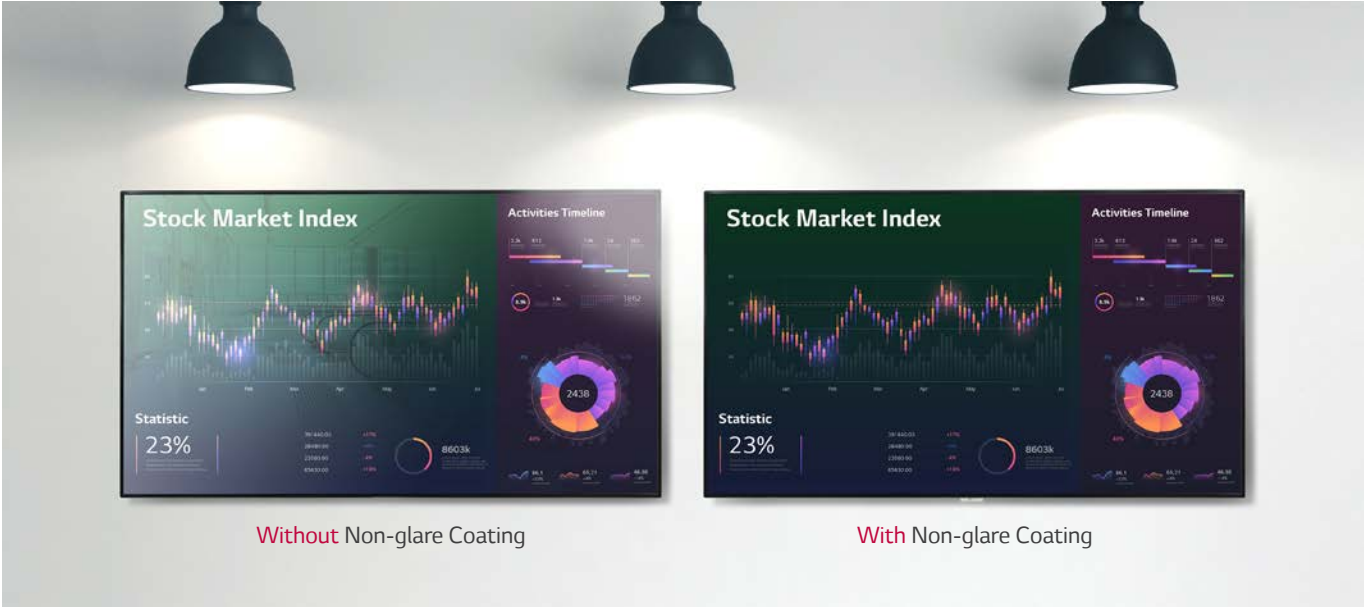
4K UHD Superb Picture Quality

webOS Smart Platform

Meeting Room Solution

Easy Management

# SUPERB PICTURE QUALITY



## Clear View with Non-glare Coating

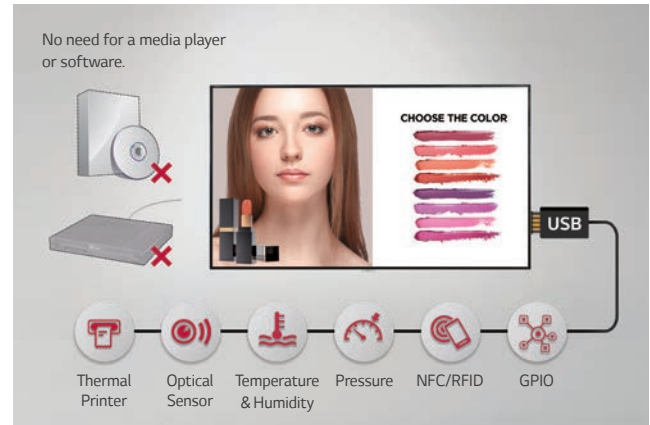
Viewers can be annoyed by unnecessary reflections when watching a screen under brightly lit conditions. The UH5F-H series has resolved such inconveniences by increasing the level of haze, which enhances visibility and text readability.



## 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



### 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 user 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

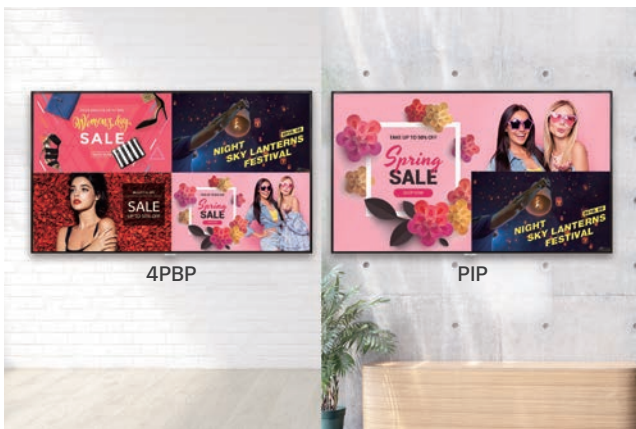
Through the Control Manager, the embedded web monitoring solution, you can control and monitor the status of multiple UH5F-H series displays in different locations in real-time. It is available on internet connected devices, allowing you to flexibly and rapidly respond to emergency situations anywhere.

### 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.

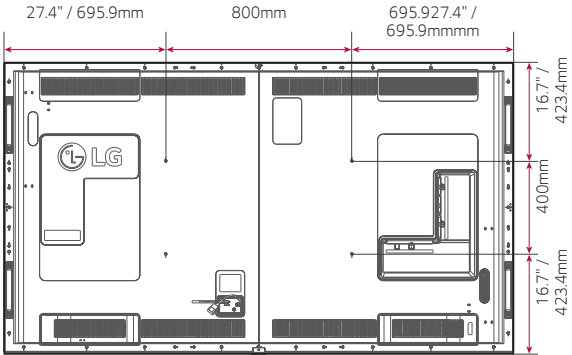
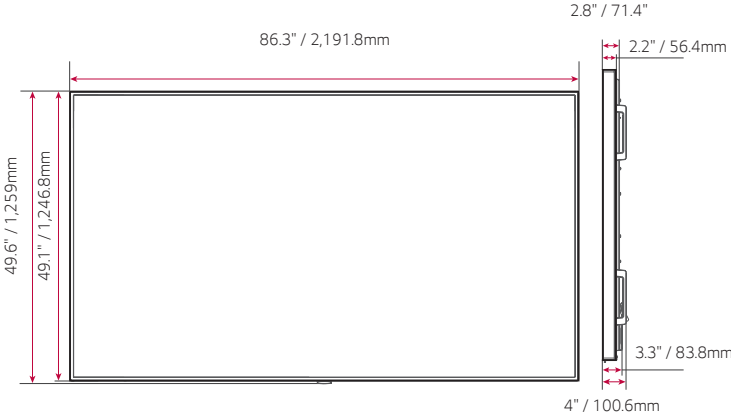


### Wireless Access Point

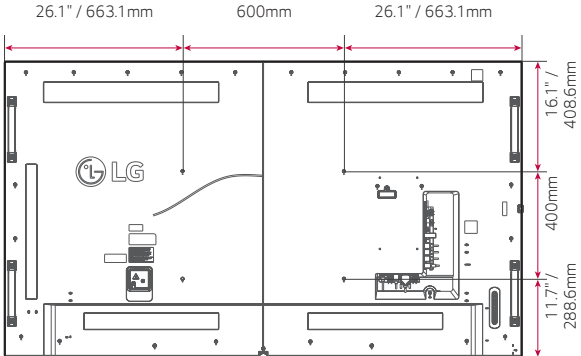
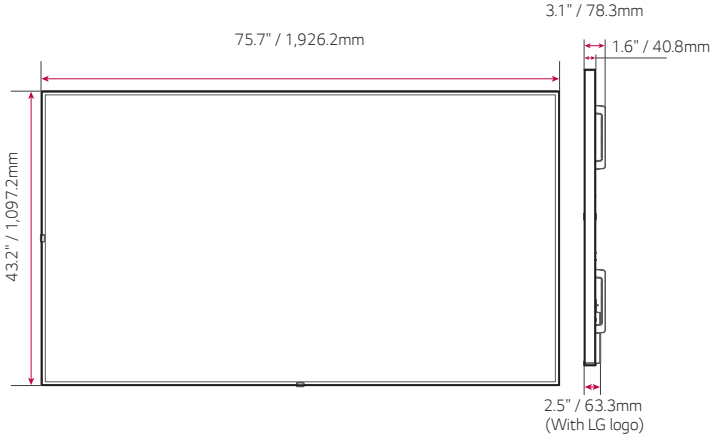
The UH5F-H series operates as a virtual router which can be an wireless access point for mobile devices.

# DIMENSIONS

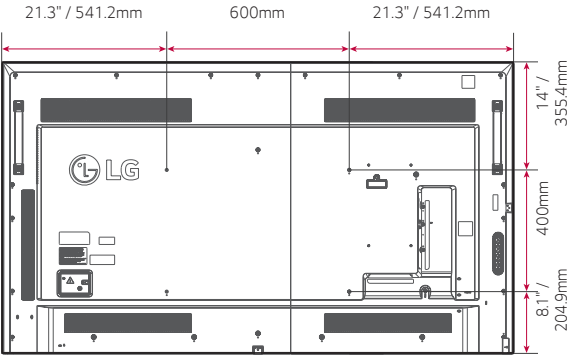
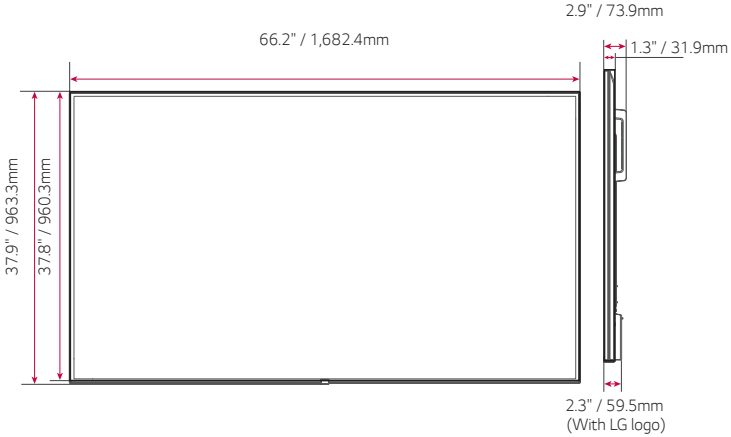
## 98"



## 86"



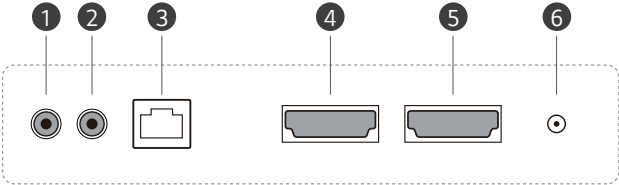
## 75"



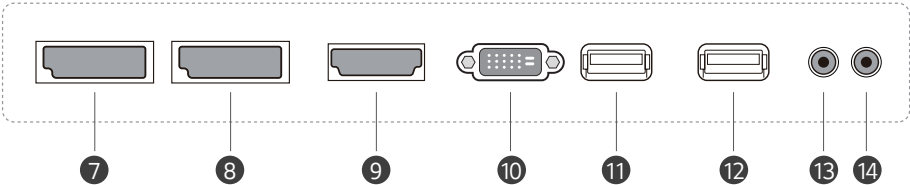
# CONNECTIVITY

## 98"

### Bottom

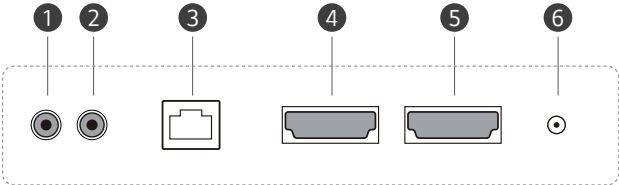


### Side

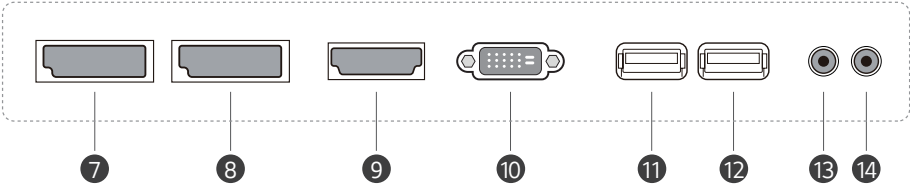


## 86" / 75"

### Bottom



### Side



- 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.



# SPECIFICATIONS

PANEL	98UH5F-H	86UH5F-H	75UH5F-H
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
<b>SOUND</b>	Speaker Yes	Speaker Yes	Speaker Yes
<b>CONNECTIVITY</b>	HDMI IN Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4	HDMI IN Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4	HDMI IN Yes (3) HDMI1/HDMI2: HDCP 2.2/1.4, HDMI3: HDCP 1.4
	DP IN Yes (1), HDCP2.2/1.3	DP IN Yes (1), HDCP2.2/1.3	DP IN Yes (1), HDCP2.2/1.3
	DVI-D IN Yes (1), HDCP1.4	DVI-D IN Yes (1), HDCP1.4	DVI-D IN Yes (1), HDCP1.4
	Audio In Yes	Audio In Yes	Audio In Yes
	RS232C IN Yes (1), 4pin 3.5mm Jack	RS232C IN Yes (1), 4pin 3.5mm Jack	RS232C IN Yes (1), 4pin 3.5mm Jack
	RJ45 (LAN) IN Yes	RJ45 (LAN) IN Yes	RJ45 (LAN) IN Yes
	IR IN Yes	IR IN Yes	IR IN Yes
	USB IN USB2.0 Type A(2)	USB IN USB2.0 Type A(2)	USB IN USB2.0 Type A(2)
	DP Out Yes (1), Input: HDMI1/2/3/DVI/DP	DP Out Yes (1), Input: HDMI1/2/3/DVI/DP	DP Out Yes (1), Input: HDMI1/2/3/DVI/DP
	Audio Out Yes	Audio Out Yes	Audio Out Yes
	RS232C OUT Yes (1), 4pin 3.5mm Jack	RS232C OUT Yes (1), 4pin 3.5mm Jack	RS232C OUT Yes (1), 4pin 3.5mm Jack
<b>MECHANICAL</b>	Bezel Color Black	Bezel Color Black	Bezel Color Black
	Bezel Width Even bezel: 14.9mm	Bezel Width Even bezel: 14.3mm	Bezel Width Even bezel: 14.9mm
	Weight(Head) 178.8 lbs / 81.1 kg	Weight(Head) 108.0 lbs / 49.0 kg	Weight(Head) 91.5 lbs / 41.5 kg
	Packed Weight 262.4 lbs / 119 kg	Packed Weight 159.8 lbs / 72.5 kg	Packed Weight 112.9 lbs / 51.2 kg
	Monitor Dimension (W x H x D) 86.3 x 49.1 x 3.3 in / 2191.8 x 1246.8 x 83.8 mm (without Handle and LG Logo)	Monitor Dimension (W x H x D) 75.8 x 43.2 x 2.4 in / 1926.2 x 1097.2 x 60.6 mm (without Handle and LG Logo)	Monitor Dimension (W x H x D) 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	Carton Dimensions (W x H x D) (Box outer size) 81.6 x 49.2 x 11.2 in / 2073 x 1250 x 285 mm	Carton Dimensions (W x H x D) (Box outer size) 71.5 x 44.2 x 9.0 in / 1816 x 1123 x 228 mm
	Handle Yes	Handle Yes	Handle Yes
	VESA/Standard Mount Interface 800 x 400	VESA/Standard Mount Interface 600 x 400	VESA/Standard Mount Interface 600 x 400
	Tilt (Face Down) No	Tilt (Face Down) No	Tilt (Face Down) No
	Operation Temperature 32°F to 104°F / 0°C to 40°C	Operation Temperature 32°F to 104°F / 0°C to 40°C	Operation Temperature 32°F to 104°F / 0°C to 40°C
	Operation Humidity 10 % to 80 %	Operation Humidity 10 % to 80 %	Operation Humidity 10 % to 80 %
	OPS type compatible No	OPS type compatible Yes	OPS type compatible Yes
	OPS Power built in No	OPS Power built in Yes	OPS Power built in Yes
<b>KEY FEATURES</b>	Internal Memory 8 GB	Internal Memory 8 GB	Internal Memory 8 GB
	Built-in Wi-Fi Yes	Built-in Wi-Fi Yes	Built-in Wi-Fi Yes
	Temperature Sensor Yes	Temperature Sensor Yes	Temperature Sensor Yes
	Auto Brightness sensor Yes	Auto Brightness sensor Yes	Auto Brightness sensor Yes
	Local Key Operation Yes	Local Key Operation Yes	Local Key Operation Yes
	webOS ver. webOS 4.0	webOS ver. webOS 4.0	webOS ver. webOS 4.0
	Local Contents Scheduling Yes	Local Contents Scheduling Yes	Local Contents Scheduling Yes
	Group Manager Yes	Group Manager Yes	Group Manager Yes
	USB Plug & Play Yes	USB Plug & Play Yes	USB Plug & Play Yes
	Fail over Yes	Fail over Yes	Fail over Yes
	Bootting Logo Image Yes	Bootting Logo Image Yes	Bootting Logo Image Yes
	No Signal Image Yes	No Signal Image Yes	No Signal Image Yes
	RS-232C Sync Yes	RS-232C Sync Yes	RS-232C Sync Yes
	Local Network Sync Yes	Local Network Sync Yes	Local Network Sync Yes
	PIP Yes	PIP Yes	PIP Yes
	PBP Yes (4)	PBP Yes (4)	PBP Yes (4)
	Screen Share Yes	Screen Share Yes	Screen Share Yes
	Video Tag Yes (4)	Video Tag Yes (4)	Video Tag Yes (4)
	Play via URL Yes	Play via URL Yes	Play via URL Yes
	Screen Rotation Yes	Screen Rotation Yes	Screen Rotation Yes
	External Input Rotation Yes	External Input Rotation Yes	External Input Rotation Yes
	Gapless Playback Yes	Gapless Playback Yes	Gapless Playback Yes
	Tile Mode Setting Yes (Max. 15x15)	Tile Mode Setting Yes (Max. 15x15)	Tile Mode Setting Yes (Max. 15x15)
	Setting Data Cloning Yes	Setting Data Cloning Yes	Setting Data Cloning Yes
	SNMP Yes	SNMP Yes	SNMP Yes
	ISM Method Yes	ISM Method Yes	ISM Method Yes
	Auto Set ID Yes	Auto Set ID Yes	Auto Set ID Yes
	Status Mailing Yes	Status Mailing Yes	Status Mailing Yes
	Control Manager Yes	Control Manager Yes	Control Manager Yes
	Crestron Inside Yes	Crestron Inside Yes	Crestron Inside Yes
	Smart Energy Saving Yes	Smart Energy Saving Yes	Smart Energy Saving Yes
	PM mode Yes	PM mode Yes	PM mode Yes
	Wake on LAN Yes	Wake on LAN Yes	Wake on LAN Yes
	Beacon Yes	Beacon Yes	Beacon Yes
	HDMI-CEC Yes	HDMI-CEC Yes	HDMI-CEC Yes
	SI Server Setting Yes	SI Server Setting Yes	SI Server Setting Yes
	webRTC Yes	webRTC Yes	webRTC Yes
	Prodiom Yes	Prodiom Yes	Prodiom Yes
<b>POWER</b>	Power Supply 100-240 Vac, 50/60 Hz	Power Supply 100-240 Vac, 50/60 Hz	Power Supply 100-240 Vac, 50/60 Hz
	Power Type Built-In Power	Power Type Built-In Power	Power Type Built-In Power
	Typ. Power 420W	Typ. Power 215W	Typ. Power 180W
	Max. Power 560W	Max. Power 280W	Max. Power 260W
	BTU (British Thermal Unit) 1433.25 BTU/Hr (Typ.), 1911 BTU/Hr (Max)	BTU (British Thermal Unit) 733.69 BTU/Hr (Typ.), 955.5 BTU/Hr (Max)	BTU (British Thermal Unit) 614.25 BTU/Hr (Typ.), 887.25 BTU/Hr (Max)*
	Smart Energy Saving 294 W	Smart Energy Saving 150.5 W	Smart Energy Saving 126 W
	DPM 0.5 W	DPM 0.5 W	DPM 0.5 W
	Power off 0.5 W	Power off 0.5 W	Power off 0.5 W
<b>LG SOFTWARE &amp; SERVICES*</b>	SuperSign CMS Yes	SuperSign CMS Yes	SuperSign CMS Yes
	SuperSign Control / Control+ Yes / Yes	SuperSign Control / Control+ Yes / Yes	SuperSign Control / Control+ Yes / Yes
	SuperSign WB Yes	SuperSign WB Yes	SuperSign WB Yes
	SuperSign Media Editor Yes	SuperSign Media Editor Yes	SuperSign Media Editor Yes
	Signage365 Care Yes	Signage365 Care Yes	Signage365 Care Yes
<b>"WARRANTY &amp; OTHER"</b>	Warranty 3 Year Limited	Warranty 3 Year Limited	Warranty 3 Year Limited
	FCC (Regulatory) Class A	FCC (Regulatory) Class A	FCC (Regulatory) Class A
	CE (Regulatory) Yes	CE (Regulatory) Yes	CE (Regulatory) Yes
	ErP Yes	ErP Yes	ErP Yes
	Energy Star No	Energy Star No	Energy Star 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	Basic Accessories Remote Control (battery 2ea), Power Cord, QSG, IR/ Light receiver, DP Cable (1.8m), Regulation Book, Phone to RS232C Adapter	Basic Accessories 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.

