

## SPECIFICATIONS

		98LS95A-5BL	
PANEL	Screen Size	97.52 inches (2,476.95mm) Diagonal	
	Panel Technology	IPS	
	Aspect Ratio	16 : 9	
	Native Resolution	3,840 x 2,160 (UHD)	
	Pixels (H x V x 3)	24,883,200	
	Brightness	500cd/m <sup>2</sup> (Typ.)	
	Contrast Ratio	1,200 : 1 (TBD)	
	Dynamic CR	500,000 : 1	
	Color Gamut	72%	
	Viewing Angle (H x V)	178 x 178	
	Color Depth	1.06B	
	Response Time	8ms (G to G BW) Typ.	
	Surface Treatment	Anti-reflection Treatment of the Front Polarizer (Reflectance < 2%)	
	Life Time	50,000 Hrs (TBD)	
	Orientation	Portrait & Landscape	
	VIDEO (PC)	Max Input Resolution	1,920 x 1,080@60Hz (DVI-D), 3,840 x 2,160@30Hz (HDMI, 1, Display Port) 3,840 x 2,160@60Hz (HDMI, 2) : HDCP 2.2 not support
		Recommended Resolution	1,920 x 1,080@60Hz (DVI-D), 1,920 x 1,080@60Hz (HDMI, 1, Display Port) 3,840 x 2,160@60Hz (HDMI, 2) : HDCP 2.2 not support
H-Scanning Frequency		30 ~ 83kHz (HDMI, DVI-D, Display Port)	
V-Scanning Frequency		60Hz (HDMI, DVI-D, Display Port)	
Pixel Frequency		148.5MHz (DVI-D, Display Port) 300MHz (HDMI)	
Sync Compatability		Digital	
Video Input		HDMI, 1, HDMI, 2, DVI-D, Display Port	
Picture Mode		Vivid, Standard, APS, Cinema, Sports, Game, Expert1/2	
Color Temperature		Warm, Medium, Cool	
CONNECTIVITY		Input	Digital HDMI(2), DP(1), DVI-D(1)
		Audio	DVI-D, Component
	External Control	RS232C(1), RJ45(1), IR / Light Sensor(1)	
	USB	Yes(3) USB 3.0 : 1EA USB 2.0 : 2EA	
	HDTV Formats	HDMI, Display Port : 720p, 1,080i, 1,080p, 2,160p (HDMI, 1 : Up to 60Hz, Other : Up to 30Hz), DVI : 720p, 1,080i, 1,080p	
	Output	Digital DP(1) SPDIF(1) External Control RS232C(1)	
AUDIO	Auto Volume	No	
	Balance	Yes	
	Audio Power	20W (10W x 2) for External Speaker	
	Speaker On/Off	Yes	
	Clear Voice II	Yes	
PHYSICAL SPECIFICATION	Sound Mode	Standard, New, Music, Cinema, Sport, Game	
	Color	Black	
	Bezel Width	Even bezel : 14.9mm	
	Monitor Dimension (W x H x D)	2,191.8mm x 1,246.8mm x 69.4mm	
	Weight (Head)	88kg	
	Monitor with Optional Stand Dimension (W x H x D)	NA	
	Weight (Head+Stand)	NA	
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	NA	
	Weight (Head+Stand+Speaker)	NA	
	Carton Dimensions (W x H x D)	2,342mm x 1,386mm x 402mm	
	Packed Weight	123kg	
	Handle	No	
	VESA™ Standard Mount Interface	800 x 400	
	Temperature Sensor	Yes	
	Auto Brightness Sensor	Yes	
	Cooling FAN	No	
	Tile Mode	NA	
Natural Mode @Tile Mode	NA		
Source Selection	DVI-D, HDMI, Display Port, USB		
Brightness / Contrast / Backlight	Yes		
Position / Size	Yes		
Auto Config / Phase	Yes		
Language (OSD)	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek		
Language (USB Playback)	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek		
Language (Manual)	English, French, Italian, German, Spanish, Portugues, Hungarian, Greek, Russian, Dutch, Kazakh, Ukrainian, Polish, Arabic, Indonesian, Korean, Japanese, Turkish, Czech, Taiwanese, Slovak		
Language (ESG)	English, French, Italian, German, Spanish, Portugues, Greek, Polish, Czech, Slovak		
ISM Method	No		
Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level		
Time	Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby		
Information	Model / Type, Software Version, Serial Number, IP Address, Temperature, Power On/Off History, Homepage		
Input Label	Yes (PC / DTV)		
Auto Power / Source Memory	Yes		
Key Lock	Yes		
DPM Select	Yes		
Energy Saving	Yes (Auto, Minimum, Medium, Maximum, Screen Off)		
Smart Energy Saving	Yes		
Power Indicator On/Off	No		
Logo Light On/Off	No		
File Play with USB	Yes		
PIP / PBP	No		
Internal Memory	8GB (System 4GB + Available 4GB)		
Wi-Fi	Dongle Ready		
4K Up Scaling	Yes		
Operation Temperature	0 °C to 40 °C		
Operation Humidity	10 % to 80 %		
Power Supply	100-240V~, 50/60Hz		
Power Type	Built-in Power		
Power Switch	No		
Power Consumption (Typ.)	400W		
Smart Energy Saving	280W		
DPM	2W (DVI-D, HDMI, DP)		
Power Off	0.5W		
Safety	UL / cUL / CB / TUV / KC		
EMC	FCC Class "A" / CE / KCC		
ErP / Energy Star	NA / NA (Energy Star 6.0)		
Slot PC Compatible (Optional)	No		
External Media Player Attatchable	Yes (MP500 / MP700)		
SuperSign-W lite	No		
SuperSign-C	Yes		
ACCESSORY	Accessory	Remote Controller(Include Battery 2EA), Power Cord, IR / Light Sensor Receiver, CD (Owner's Manual, SuperSign Program / Manual), HDMI 2.0 Cable, DP Cable, Phone Jack to BNC Cable, RS-232C, Wi-Fi Dongle, EYE-BOLT	
	Optional Accessory	SP-2200 (External Speaker)	

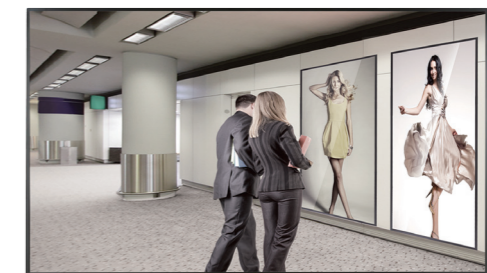
# webOS for Signage 98" ULTRA HD DISPLAY LS95A

98LS95A | 97.52" (2,476.95mm) Diagonal



## FEATURES

- Brightness : 500nit
- Resolution : 3,840 x 2,160 (Ultra HD)
- Portrait & Landscape Mode
- Uniform Bezel Width : 14.9mm
- DP1.2 Daisy-Chain
- Wi-Fi Dongle
- High Efficiency Video Coding (HEVC)
- Full HD to Ultra HD Up-Scaling
- Compatible with SuperSign W S/W for Content Management
- Free SuperSign C S/W for Remote Control



LED

## Ultra HD Large Screen

### ULTRA HD

Ultra HD screens deliver an immersive viewing experience and have high definition picture quality that is 4 times higher than FHD.

3,840 X 2,160



1,920 X 1,080

### IMMERSIVE LARGE SCREEN

98" real size displays deliver seamless contents as an alternative to the 2x2 video wall at the flagship store.



47" X 4

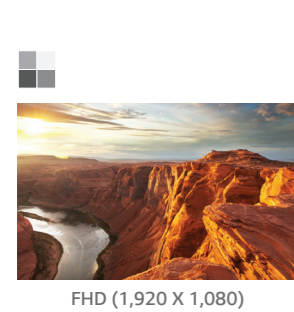
98" (49" X 4)

## Full HD to Ultra HD Up-Scaling

### UP-SCALING AND SUPER RESOLUTION

Up-scaling and Super Resolution technology enhance the quality of FHD content to near-UHD quality.

#### Source



FHD (1,920 X 1,080)

#### Up-Scaling



UHD (3,840 X 2160)

#### Super Resolution



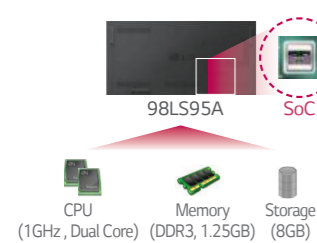
UHD (3,840 X 2160)

## Smart Platform

### HIGH PERFORMANCE & COST-EFFECTIVE SOC

Without additional media player, our SoC type embedded media player can play contents like image, movie clip, etc.

#### High Performance Soc



#### No Additional Media Player



### SIMPLE CUSTOMIZATION

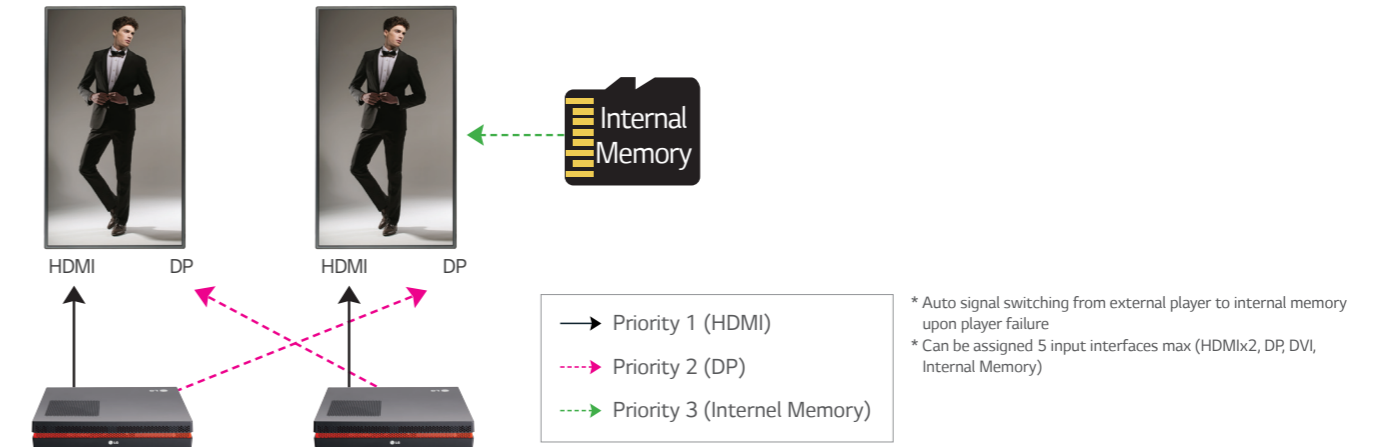
Simple customization function will be provided. Our solution can be customized through an SDK to showcase your logo or improve compatibility.



## Enhanced Failover

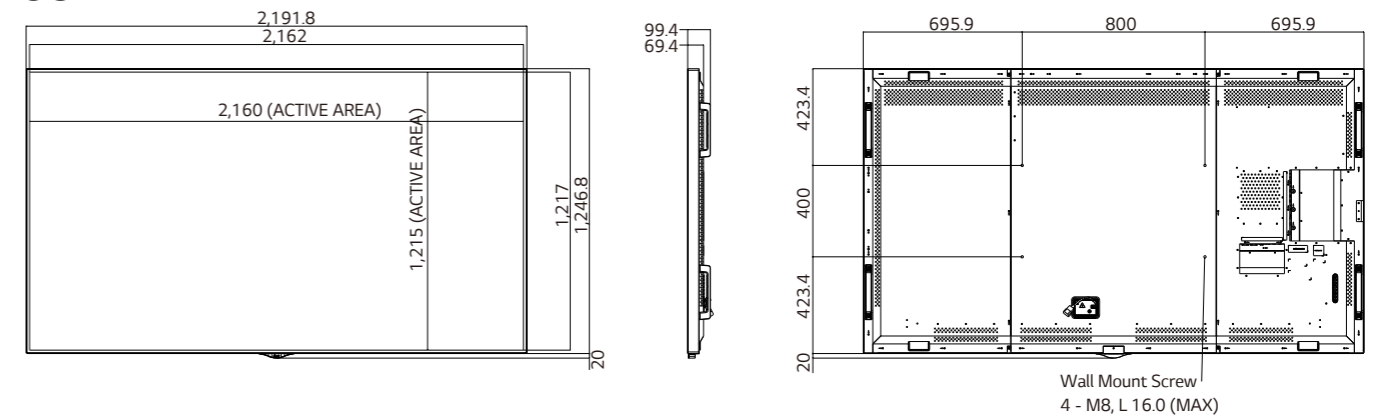
### AUTO SIGNAL SWITCHING

The enhanced failover function enables content in the internal memory to be displayed without dead spots when none of the external inputs is working. To display content without dead spots, the monitor performs the signal switching automatically.



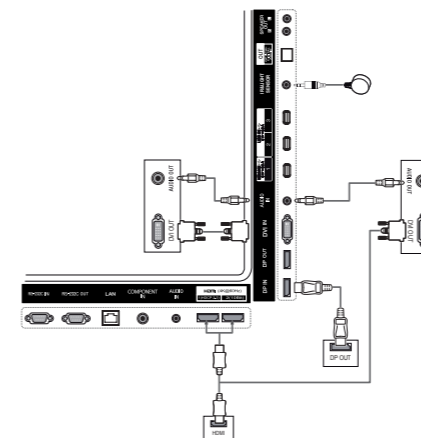
## DIMENSION (unit : mm)

### 98"



## INTERFACE

### Connecting to a PC



### Connecting External Devices

