

**SPECIFICATIONS**

	65LS53A	55LS53A	47LS53A	42LS53A	32LS53A		
PANEL	Screen Size	64.53 inches (1,639.06mm) diagonal	54.64 inches (1,387.8mm) diagonal	46.96 inches (1,192.78mm) diagonal	41.92 inches (1,064.77mm) diagonal	31.55 inches (801.31mm) diagonal	
	Panel Technology	IPS					
	Aspect Ratio	16 : 9					
	Native Resolution	1,920 x 1,080 (FHD)					
	Pixels (H x V x 3)	6,220,800					
	Brightness	350cd/m <sup>2</sup>	330cd/m <sup>2</sup>	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>	
	Contrast Ratio	1,400 : 1	1,200 : 1	1,200 : 1 (Typ)	1,200 : 1 (Typ)	1,200 : 1 (Typ)	
	Dynamic CR	500,000 : 1					
	Color Gamut	68%					
	Viewing Angle (H x V)	178 x 178					
	Color Depth	1.06 Billion	16.7 Million	16.7 Million	16.7 Million	16.7 Million	
	Response Time	9ms (G to G BW), 6ms (WOT)	9ms (G to G BW), 6ms (WOT)	9ms (G to G BW), 6ms (WOT)	8ms (G to G BW), 6ms (WOT)	9ms (G to G BW), 7ms (WOT)	
	Surface Treatment	Hard Coating (3H), Anti-glare Treatment of the Front Polarizer (Haze1% (Typ.))					
	Life Time	50,000 Hrs					
	VIDEO (PC)	Orientation	Portrait & Landscape				
Max Input Resolution		1,920 x 1,080@60Hz (HDMI, DVI, Display Port)					
Recommended Resolution		1,920 x 1,080@60Hz (HDMI, DVI, Display Port)					
H-Scanning Frequency		30 ~ 83kHz (HDMI, DVI, Display Port)					
V-Scanning Frequency		60Hz (HDMI, DVI, Display Port)					
Pixel Frequency		148.5MHz (HDMI, DVI, Display Port)					
Sync Compatibility		Digital					
Video Input		HDMI1, HDMI2, DVI, Display Port					
Picture Mode		Vivid, Standard, APS, Cinema, Sports, Game, Expert1, Expert2					
Color Temperature		Warm50 ~ Cool50					
CONNECTIVITY		Input					
		Digital	HDMI DP DVI	0 (2) 0 (1) 0 (1)			
		Analog		0 (1)			
		External Control	RS232C RJ45 IR / Light Sensor Pixel Sensor	0 (1) 0 (1) 0 (1) 0 (1)			
		USB		0 (1)			
	HDTV Formats		HDMI : 720p, 1080i, 1080p				
	Output		0 (1)				
	Digital (with HDCP)	DP	0 (1, L / R)				
	External Speaker Out		0 (1)				
	External Control	RS232C	Black				
	PHYSICAL SPECIFICATION	Bezel Color	Black				
		Bezel Width (Flat Bezel / After Curvature)	90mm (L/R/U), 146mm (B) / 14.1mm (L/R/U) 200mm (B)	85mm (L/R/U), 14mm (B) / 13.2mm (L/R/U) 18.7mm (B)	85mm (L/R/U), 14mm (B) / 13.2mm (L/R/U) 18.7mm (B)	85mm (L/R/U), 14mm (B) / 13.3mm (L/R/U) 18.8mm (B)	105mm (L/R), 100mm (U), 140mm (B) / 15.1mm (L/R), 146mm (U), 186mm (B)
		Monitor Dimension (W x H x D)	1,462 x 843 x 58 mm	1,240.9 x 717.2 x 56.8 mm	1,071 x 621.6 x 55.8 mm	959.5 x 559 x 55.5 mm	730.9 x 430.1 x 55.5 mm
		Weight (Head)	309kg	178kg	122kg	91kg	56kg
		Monitor with Optional Stand Dimension (W x H x D)	1,462x901x313 mm	1,240.9x770.8x247 mm	1,071x675.1x247 mm	959.5x610.8x218 mm	730.9x480.2x207 mm
Weight (Head+Stand)		323kg	181kg	125kg	93kg	58kg	
Monitor with Optional Stand & Speaker Dimension (W x H x D)		1,462 x 901 x 313 mm	1,240.9 x 770.8 x 247 mm	1,071 x 675.1 x 247 mm	959.5 x 610.8 x 218 mm	730.9 x 480.2 x 207 mm	
Weight (Head+Stand+Speaker)		331kg	189kg	133kg	101kg	66kg	
Carton Dimensions (W x H x D)		1,548 x 942 x 176 mm	1,330 x 810 x 174 mm	1,150 x 710 x 152 mm	1,060 x 660 x 152 mm	812 x 505 x 139 mm	
Packed Weight		368kg	228kg	159kg	118kg	71kg	
Handle		No	No	No	No	No	
VESA™ Standard Mount Interface		400x400	400x400	400x400	400x400	200x200	
SPECIAL FEATURES		Temperature Sensor	Yes				
		Auto Brightness Sensor	Yes				
		Cooling FAN	No				
	Tile Mode	Yes (Up to 15 x 15)					
	Natural Mode @Tile Mode	Yes					
	Source Selection	HDMI1, HDMI2, Display Port, DVI					
	Brightness / Contrast / Backlight	Yes					
	Position / Size	No					
	Auto Config / Phase	No					
	Language (OSD)	Czech, Danish, German, English, Spanish, Greek, French, Italian, Dutch, Norwegian, Portugues (Europe), Portugues (Brazil), Russian, Finnish, Swedish, Korean, Chinese, Japanese, Chinese (Simplified)					
	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, Ukrainian, Polish, Arabic, Indonesian, Korean, Turkish, Czech,Slovak, Taiwanese, Danish, Norwegian, Swedish, Finnish, Uzbekistan					
	Language (ESG)	English, French, Spanish, Portugues, Italian, Polish, German, Greek, Czech, Slovak, Ukrainian, Russian, Uzbekistan, Taiwanese, Japanese, Portugues (Brazil)					
	ISM Method	No					
	Advanced	Dynamic Contrast, Super Resolution, Color Gamut, Edge Enhancer, Color Filter, Gamma, White Balance, Color Management System, Noise Reduction, MPEG Noise Reduction, Black Level, Real Cinema, TruMotion					
Time	On Timer, Off Timer, No Signal Power Off(15Min), Auto Power Off(4 Hours)						
Information	Model, Software Version, Serial Number, Micom Version, Set ID, SES, Network, Internal Memory, External Memory, Temperature, Baudrate, Power On Time, Fail Over, Homepage						
ENVIRONMENT CONDITIONS	Input Label	Yes					
	Auto Power / Source Memory	Yes					
	Key Lock	Yes					
	DPM Select	Yes					
	Energy Saving	Yes (Minimum, Medium, Maxium, 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 (10 / 1W, TBD)					
	4K Up Scaling	No					
	Operation Temperature	0 °C to 40 °C					
	Operation Humidity	10 % to 80 %					
POWER	Power Supply	100-240V-, 50 / 60Hz					
	Power Type	Built-in Power					
	Power Switch	No					
POWER Consumption	Typ.	165W, TBD	110W, TBD	95W, TBD	90W, TBD	60W, TBD	
	Smart Energy Saving	115W (Typ.), TBD	80W (Typ.), TBD	70W (Typ.), TBD	65W (Typ.), TBD	40W (Typ.), TBD	
	DPM Power Off	0.5W(RGB), 0.7W(DP), 1W(HDMI/DVI)		0.5W			
AUDIO	Auto Volume	No					
	Balance	Yes					
	Audio Power	20W (10W x 2) for External Speaker					
	Speaker On/Off	Yes					
STANDARD (CERTIFICATION)	Clear Voice II	Yes					
	Sound Mode	Standard, News, Music, Cinema, Sports, Game					
	Safety	UL / cUL / CB / TUV / KC					
	EMC	FCC Class "A" / CE / KCC					
MEDIA PLAYER COMPATIBILITY	ErP / Energy Star	NA / Yes (Energy Star 6.0)					
	Slot PC Compatible (Optional)	No					
	External Media Player Attatchable	Yes (MP500 / MP700)					
SOFTWARE COMPATIBILITY	SuperSign-w lite	No					
	SuperSign-c	Yes					
ACCESSORY	Accessory	Remote Controller (include battery 2ea), Power Cord, IR / Light Sensor Receiver, CD (Owner's Manual), HDMI Cable					
	Optional Accessory	SP-2100 (External Speaker), ST-651T, LSW430B, KT-SPO					

# Smart SoC Built-in Signage

## 32"/42"/47"/55"/65" FULL HD DISPLAY LS53A

**32LS53A** | 32" CLASS (31.55" measured diagonally)

**42LS53A** | 42" CLASS (41.92" measured diagonally)

**47LS53A** | 47" CLASS (46.96" measured diagonally)

**55LS53A** | 55" CLASS (54.64" measured diagonally)

**65LS53A** | 65" CLASS (64.53" measured diagonally)



### FEATURES

- Brightness  
300nit (32LS53A, 42LS53A, 47LS53A) /  
330nit (55LS53A) / 350nit (65LS53A)
- Direct-LED Display
- Portrait & Landscape Mode
- Embedded Media Player
- Vertical Retail Targets : SMB (Small & Medium Business), Retailers
- Energy Star 6.0 Compliant

### IPS Panel

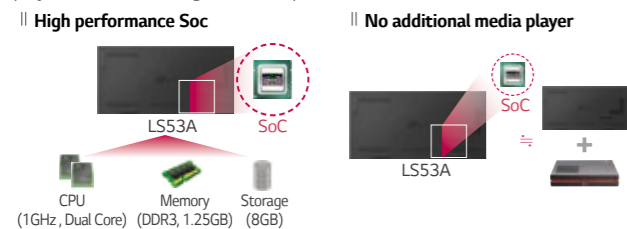
- Low Screen Temperature
- High Resistance to Blackening Defect
- Wide Viewing Angle



Life's Good

## HIGH PERFORMANCE & COST-EFFECTIVE SoC

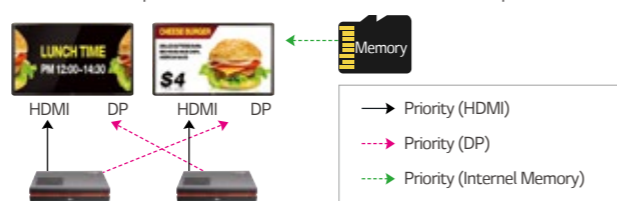
Without additional media player, our SoC type embedded media player can play contents like image, movie clip, etc.



## ENHANCED FAILOVER

### Auto Signal Switching

The enhanced fail over function enables to display contents in internal memory without a dead spot even when the conditions of all external inputs are not working.



## SLIM, SLEEK AND STYLISH DESIGN

The stylishly slim monitors designed to fit perfectly into your shop are easily placed in tight spaces. They can provide clean and friendly environment for end-users from the time they are installed.

### Slim Design

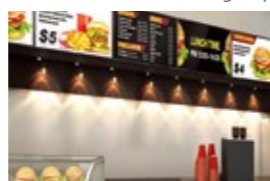
Top/Left/Right 8.5mm (42")



Size	Top	Left/Right	Bottom
32"	10.0mm	10.5mm	14mm
42"	8.5mm	8.5mm	14mm
47"	8.5mm	8.5mm	14mm
55"	8.5mm	8.5mm	14mm
65"	9.0mm	9.0mm	14.6mm

### Strength of The Technology

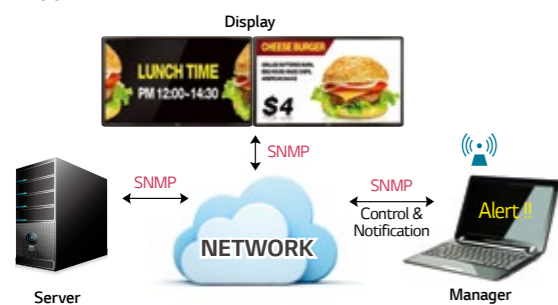
LG's monitors are fit into tight spaces.



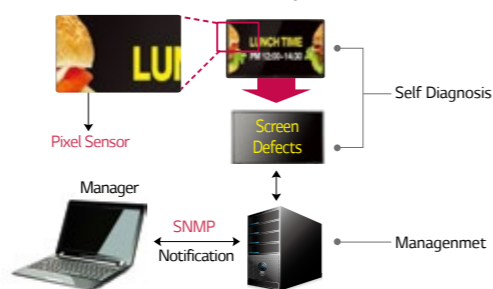
## ADVANCED SELF-DIAGNOSIS

Our advanced self-diagnosis function allows to check the screen status with a pixel sensor provided optionally and supports the SNMP standards for compatibility with 3rd party solutions.

### Support SNMP



### Screen Fault Detection (option)



## SMART SoC BUILT-IN FOR SIGNAGE

### Support HTML5

Web centric platform supports HTML5 so that you can easily build apps work on any platform or device.



### Simple Customization

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



### Smart Launcher

Intuitive UX based on intuitive launcher provides convenience and a user-friendly environments.



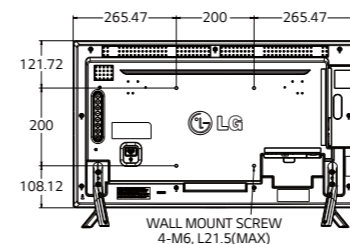
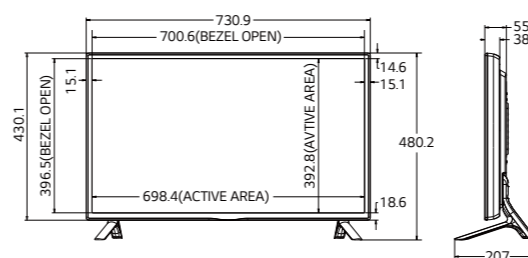
### Simple Management

Simple management function provided with web server in smart platform allows remote monitoring and diagnosis from any device connected to the internet.

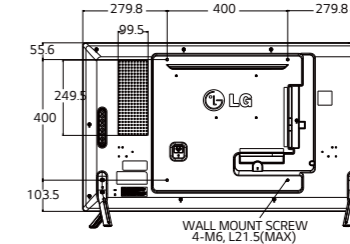
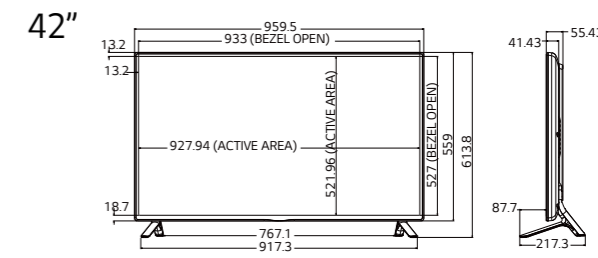


## DIMENSION (unit : mm)

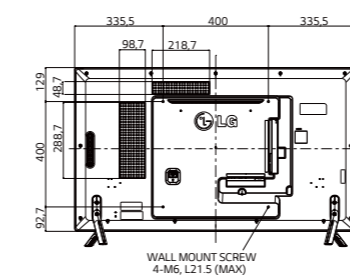
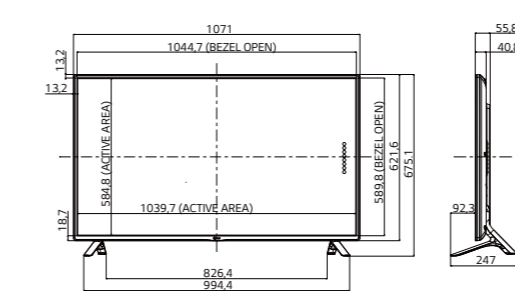
32"



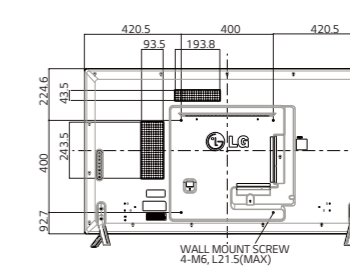
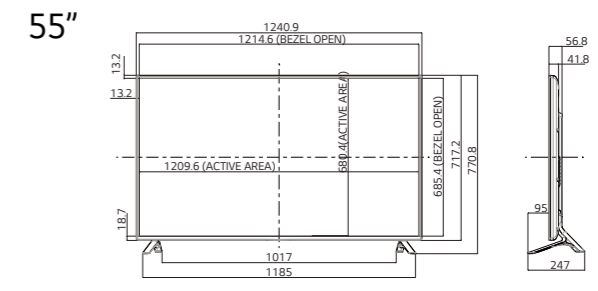
42"



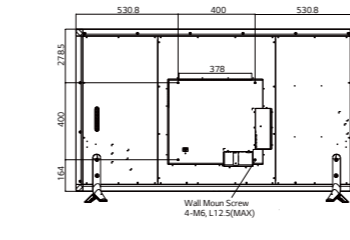
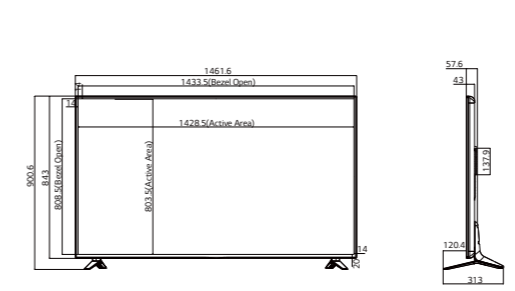
47"



55"



65"



## INTERFACE

