

Full HD Display with webOS™

► 55LS75A-5B

55" class (54.63" diagonal)

► 49LS75A-5B

49" class (48.50" diagonal)

► 42LS75A-5B

42" class (41.92" diagonal)



IPS In Plane Switching

Super IPS accurately display an image's quality and color at an 178° ultra wide viewing angle. There is no fall-off in color accuracy and no diversion in contrast ratio at wide angles. From bright sunlight to the most challenging lighting environments these displays are designed to reproduce and maintain the ultimate color temperature for lifelike images.

Specifications

Native Display Resolution 1,920 x 1,080 (FHD)

High Brightness 700cd/m²

Contrast Ratio 1,300:1 (Typ.)

178°/178° Viewing Angle

Suitable for Portrait or Landscape Installation

RJ-45 LAN Control

RS-232C Control

Convenient External Speaker-Out

Free SuperSign Lite S/W For Content Management

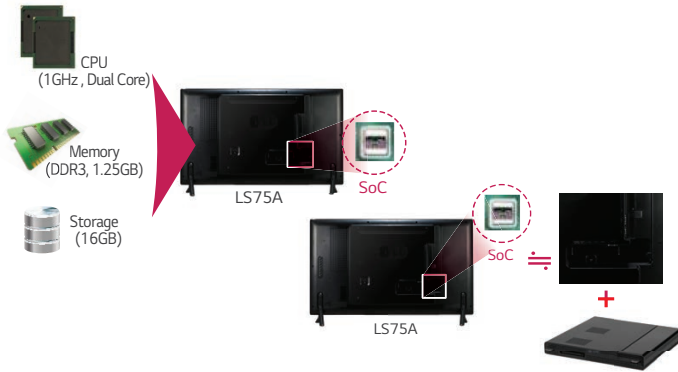
Free SuperSign C S/W For Remote Control

Built-in Internal Memory 16GB (System 4GB + Available 12GB)

Bezel Width 7.4mm

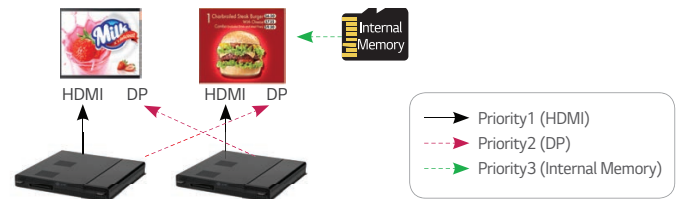
3-Year Limited Warranty Parts/Labor/Backlight

HIGH PERFORMANCE AND COST EFFECTIVE SOC



ENHANCED FAIL OVER

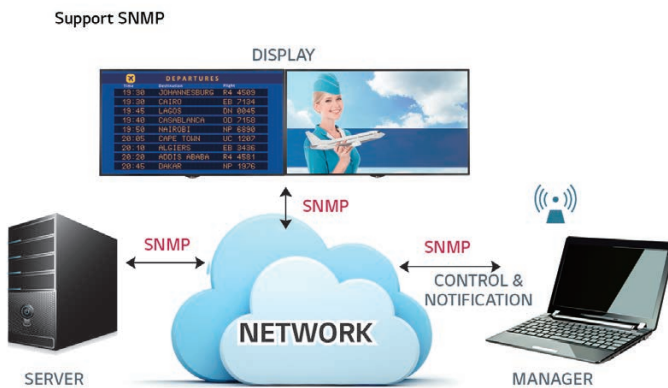
- Switches signals from first player to second player
- Switches signals from an external player to internal memory in case of a player's failure



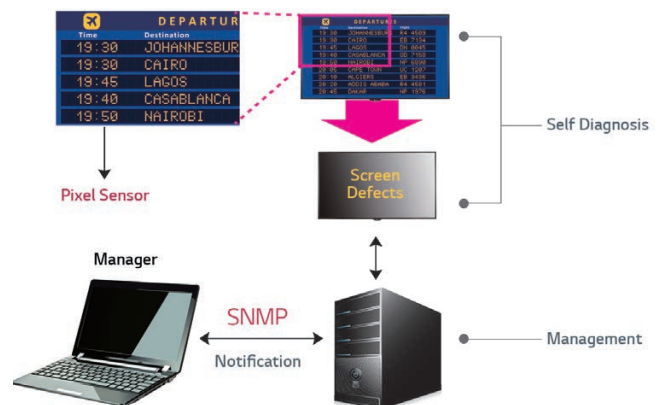
- * Auto signal switching from external player to internal memory on player failure
- * It can assign max 5 of input interface (HDMIx2, DP, DVI, Internal Memory)

REMOTE CONTROL VIA RS232C & NETWORK

LG's advanced self-diagnosis function checks the screen status with an optional pixel sensor and supports the SNMP standards for compatibility with 3rd party solutions.

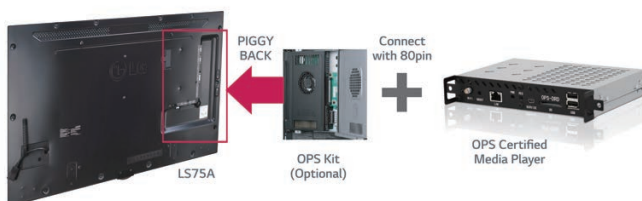


Screen Fault Detection (Optional)



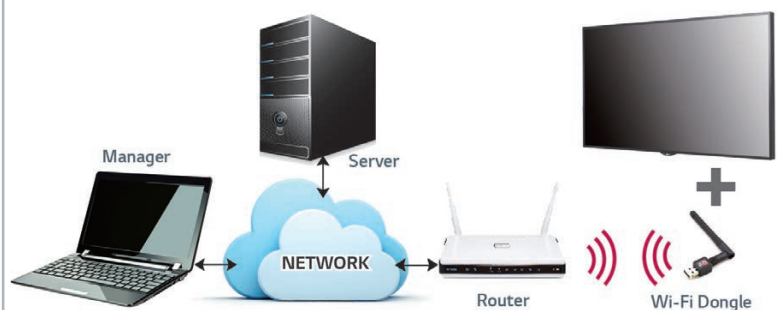
OPS COMPATIBILITY

Compatible with Open Pluggable Specification (OPS), users have the flexibility to choose the appropriate media player.

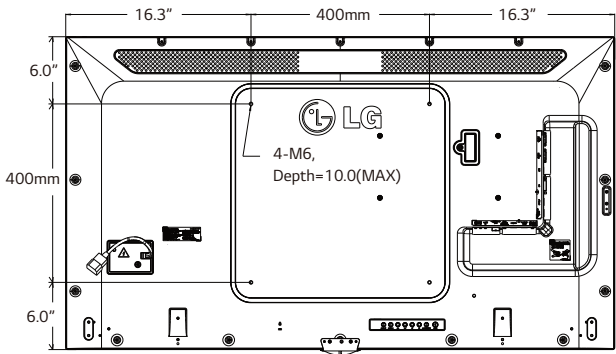
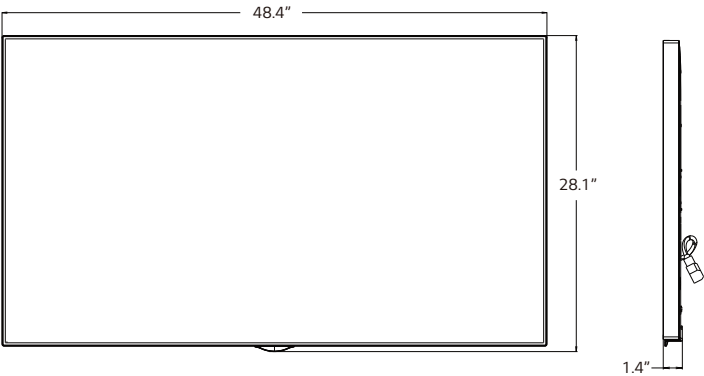


SUPPORT WiFi

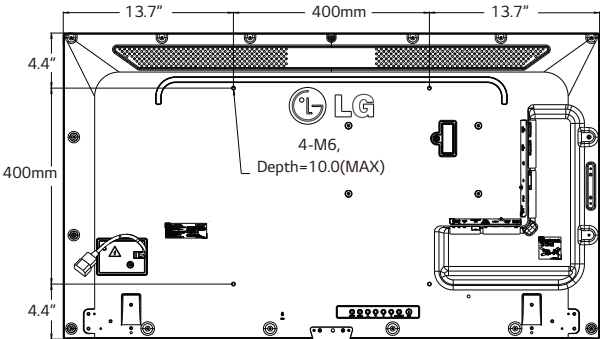
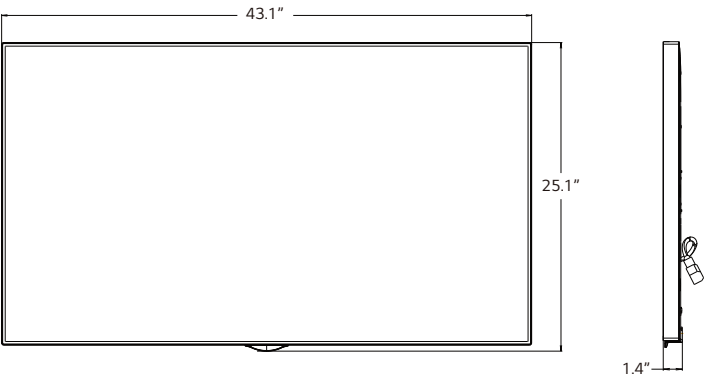
A WiFi Dongle can be connected to the LS75A for easy installation and simple management.



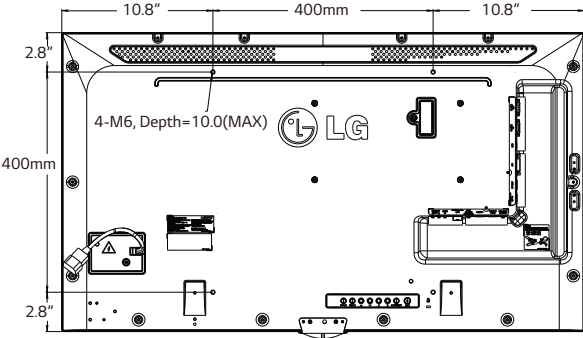
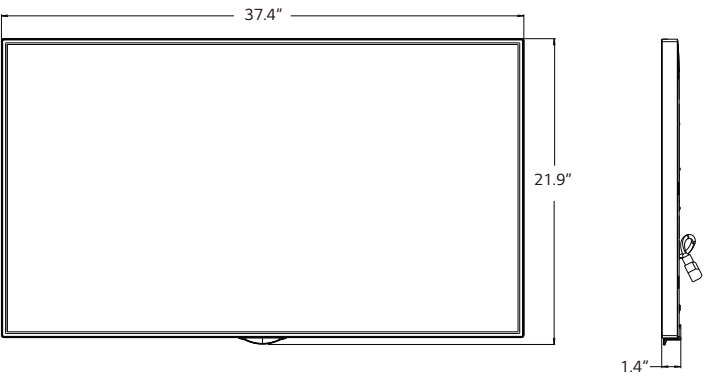
55LS75A-5B



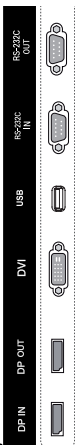
49LS75A-5B



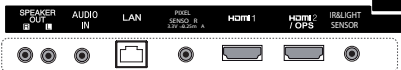
42LS75A-5B



Side Jack Panel



Rear Jack Panel



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PANEL	MODEL	42LS75A-5B	49LS75A-5B	55LS75A-5B
	Screen Size	42" class (41.92" diagonal)	49" class (48.50" diagonal)	55" class (54.64" diagonal)
	Panel Technology	IPS		
	Aspect Ratio	16:9		
	Native Resolution	1920 x 1080 (FHD)		
	Pixels (H x V x 3)	6,220,800		
	Brightness	700cd/m ²		
	Contrast Ratio	1,300:1		
	Dynamic CR	500,000:1		
	Color Gamut	72%		
	Viewing Angle	178 x 178		
	Color Depth	1.07 Billion		
	Response Time	8ms (G to G BW) typ.		
	Surface Treatment	Hard Coating (3H), Anti-Glare Treatment of the Front Polarizer (Haze 10%)		
	Orientation	Portrait & Landscape		
VIDEO (PC)	Max Input Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)		
	Recommended Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)		
	H-Scanning Frequency	30 ~ 83kHz (HDMI, DVI-D, Display Port, OPS)		
	V-Scanning Frequency	60Hz (HDMI, DVI-D, Display Port, OPS)		
	Pixel Frequency	148.5MHz (HDMI, DVI-D, Display Port)		
	Sync Compatability	Digital		
	Video Input	HDMI1, HDMI2/OPS, DVI-D, Display Port		
	Picture Mode	Vivid, Standard, APS, Cinema, Sports, Game, Expert1/2		
	Color Temperature	Warm, Medium, Cool		
CONNECTIVITY	Input			
	Digital	HDMI (2), OPS, DP(1), DVI-D(1)		
	Audio	1		
	External Control	RS232C (1), RJ45 (1), IR/Light Sensor (1), Pixel Sensor (1)		
	USB	1		
	HDTV Formats	HDMI: 720p, 1,080i, 1,080p		
	Output			
SPECIFICATION	Digital	DP (1)		
	External Speaker Out	L / R (1)		
	External Control	RS232C (1)		
	Temperature Sensor	Yes		
	ISM Method	Normal, White Wash		
	Key Lock	Yes		
	DOM Select	Yes		
	Energy Saving	Yes (Minimum, Medium, Maximum, Screen off)		
	Smart Energy Saving	Yes		
	Built-in Internal Memory	16GB(System 4GB + Available 12GB)		

CABINET	MODEL	42LS75A-5B	49LS75A-5B	55LS75A-5B
	Bezel Color	Black		
	Bezel Width	7.4mm (T/L/R/U even)		
	Monitor Dimension (W x H x D)	37.4" x 21.4" x 1.3"	43.1" x 24.6" x 1.3"	48.4" x 27.6" x 1.3"
	Weight (Monitor Only)	27.6 lbs	34.4 lbs	45.6 lbs
	Monitor with Optional Stand Dimensions (W x H x D)	37.4" x 24.3" x 11.7"	43.1" x 27.6" x 11.7"	48.4" x 30.6" x 11.7"
	Weight (Monitor+Stand)	30.6 lbs	37.5 lbs	48.7 lbs
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	37.4" x 24.3" x 11.7"	43.1" x 27.6" x 11.7"	48.4" x 30.6" x 11.7"
	Weight (Monitor+Stand+Speaker)	32.4 lbs	39.2 lbs	50.5 lbs
	Carton Dimensions (W x H x D)	41.1" x 25.4" x 5.0"	47.1" x 29.3" x 5.3"	52.4" x 31.9" x 6.9"
	Packed Weight	32.6 lbs	41.2 lbs	55.6 lbs
	VESA™ Mount	400 x 400mm		
ENVIRONMENT CONDITIONS	Operation Temperature	0 °C to 40 °C		
	Operation Humidity	10 % to 80 %		
	Power Supply	100-240V~, 50/60Hz		
POWER	Power Type	Built-In Power		
	Power Consumption	110W (TYP)	125W (TYP)	140W (TYP)
	Smart Energy Saving Off / On	80W	90W	100W
	DPM	0.7W (DP)		
	Power off	0.5W		
AUDIO	Balance	Yes		
	Audio Power	20W (10W x 2) for External Speaker		
	Speaker On/Off	Yes		
	Clear Voice II	Yes		
	Sound Mode	Standard, News, Music, Cinema, Sports, Game		
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC		
	EMC	FCC Class "A" / CE / KCC		
	ErP / Energy Star	No / Yes (Energy Star 6.0)		
MEDIA PLAYER COMPATIBILITY	External Media player Attachable	Yes (MP500 / MP700), KT-OPSA		
SOFTWARE COMPATIBILITY	SuperSign-w lite	Yes		
	SuperSign-c	Yes		
ACCESSORIES	Accessory	Remote Control (includes batteries (2 ea.)), Power Cord, IR/Light Sensor Receiver, CD (Owner's Manual), HDMI Cable		
	Optional Accessory	SP-2100 (External Speaker), ST-200T, AN-WF500 (WiFi USB Dongle), KTOPSA (OPS Kits), KT-SP0 (Pixel Sensor)		
UPC		7 19192 19518 9	7 19192 19519 6	7 19192 19520 2
WARRANTY	3-Year Limited Warranty Parts/Labor/Backlight			

* SuperSign software is available from <http://www.lg.com/us/commercial/led-backlit-monitors>



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