

SPECIFICATIONS

MODEL INFORMATION	Inch	LY540S	
	Category	42" / 47" / 55" / 65"	
LCD PANEL SPECIFICATION	Production Model	SuperSign TV	
	Backlight Type	42" / 47" / 55" / 65" LY540S-UA	
	Resolution	Slim Direct LED	
	Brightness (cd/m ²)	1920 x 1080 (FHD)	
	Dynamic Contrast Ratio (Dynamic MCI (Hz)	42", 47":300 / 55": 330 / 65": 400	
	Static (Panel) Contrast Ratio	42", 47", 55": 2,000,000:1 / 65": 2,000,000:1	
	Viewing Angle Degree	42", 47", 55": 1200:1 / 65": 1400:1	
	Response Time (G to G)	178 x 178	
	Frame Rate	42",47": 8 / 55": 9 / 60": 4	
	Life span (hrs)	42", 47", 55": 60 Hz / 65": 120Hz	
BROADCASTING SYSTEM	Analog	30,000	
	Digital	Yes (NTSC)	
VIDEO	Terrestrial	Yes	
	Cable	ATSC	
AUDIO	XD Engine	Clear QAM	
	Real Cinema 24p (3.3 pull down)	Yes	
FEATURE	Aspect Ratio	Yes (8 modes) (16:9, Just scan, Original, Full Wide, 4:3, 14:9, Cinema Zoom 1, Zoom)	
	Audio Output	10W + 10W	
	Speaker System	2.0 ch	
	Sound Mode	Yes (6 modes) (Standard, News, Music, Cinema, Sport, Game)	
	Sound Optimizer	Yes (3 modes) (Normal, Wall-Mount Type, Stand Type)	
	Invisible Speaker	Yes	
	Clear Voice	Yes	
	RF (1/2 Tuner)	Yes (1 Tuner)	
	Remote Diagnosis	Yes (USB)	
	MHL	Yes	
SET SIDE	HDMI-CEC	Yes	
	HTNG-CEC	Yes	
	Hotel Mode / PDM / Installer Menu	Yes	
	Lock Mode	Yes	
	IR Out	Yes (RS232C)	
	External Speaker Out	Yes (Ext Variable/Fixed, 3.5mm, Stereo, Single ended Type(GRD,L+,R+), 1W with 8Ω), Line out	
	RJP Interface	Yes (RS232C, HDMI CEC)	
	RJP Compatibility	YesLG / Teleadapt (RS232C), Teleadapt/Guestlink (HDMI CEC)	
	External Power	No	
	USB	Yes (USB 2.0)	
	USB Auto Playback	Yes	
	Moving Picture Playback (SD/HD/Plus)	Divx HD	
	Picture	JPEG	
	Audio Codec	MP3, AC3, MPEG, AAC,HEAAC, CDDA, LPCM	
	USB Cloning	Yes	
	One Channel Map / Logical Channel Map	No	
	Multi IR Code	Yes	
	Welcome Screen (Splash Image)	Yes	
	Auto Off / Auto Sleep	Yes	
	Smart Energy Saving	Yes	
SET REAR	Digital Eye (Light Sensor)	Yes	
	Anti-theft System	Yes	
ACCESSORY	Kensington Lock	Yes	
	Digital Signage CMS	Yes (SuperSign lite)	
POWER	HDMI In	1	
	USB (2.0)	1	
	RF In	1	
	AV In	1 (Sharing with Component in)	
	Component in (Y, Pb, Pr) + Auido	1(5 holes)	
	Digital Audio Out (Coaxial / Optical)	1 (Optical)	
	HDMI / HDCP Input	1	
	RGB In (D-sub 15pin) - PC	1	
	PC Audio Input	1(Sharing with Component Audio)	
	RS-232C (D-Sub 9pin)	1(Control & Service)	
TOOL DESCRIPTION	LAN Port (RJ45)	1	
	External Speaker Out (3.5mm phone jack)	1(Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type(GRD,L+,R+), 1W with 8Ω	
REQUIRED LISTING (CERTIFICATION)	Remote Type	L-Con	
	Cable	Power cord (1.5m, Angle Type)	
DIMENSION	Manual / ESG	Simple Manual	
	Voltage, Hz	100 ~ 240V, 50/60Hz	
TOOL DESCRIPTION	Max (Watts)	42": 112W / 47": 114W / 55": 137W / 65": 171W	
	Typical (Watts)	42": 89W / 47": 92W / 55": 115W / 65": 146W	
	Stand-by	0.3W I	
	Energy Saving (Min)	42": 64.4W / 47": 66.5W / 55": 83.7W / 65": 89.6W	
	Energy Saving (Mid)	42": 50.1W / 47": 49.8W / 55": 61.2W / 65": 64.7W	
	Energy Saving (Max)	42": 32.0W / 47": 31.7W / 55": 37.1W / 65": 39.2W	
	Tool Name	LB56(42", 47", 55") / LB58(65")	
	Bezel Width (Left/Right, Upper, Bottom) : on bezel	42", 47", 55": 11, 11, 16.5 mm (0.43, 0.43, 0.64 inch) 65": 12, 12, 17.5 mm (0.47, 0.47, 0.69 inch)	
	Bezel Width (Left/Right, Upper, Bottom) : off bezel	32H: 10.5, 10, 14 mm (0.41, 0.39, 0.55 inch) / 42", 47", 55": 8.5, 8.5, 14 mm (0.33, 0.33, 0.55 inch) 65": 9.5, 9.5, 15 mm (0.37, 0.37, 0.59 inch)	
	VESA Compatible	400 x 400 mm	
DIMENSION	Safety	UL	
	EMC	FCC	
DIMENSION	ETC.	RoHS, cUL, NOM, Energy Star 6.0	
	Weight (with stand)	42": 9.5kg / 47": 12.7kg / 55": 18.4kg / 65": 30.5kg(42": 20.94lbs / 47": 27.99lbs / 55": 40.56lbs / 65": 67.24lbs)	
DIMENSION	Weight (Packing)	42": 11.6kg / 47":16.4kg / 55":22.8kg / 65":36.5kg(42": 25.57lbs / 47": 36.15lbs / 55": 50.26lbs / 65": 80.46lbs)	
	W x H(H') x D (w/o stand)	42": 961 x 561(567) x 55.5 mm (37.83 x 22.08(22.32) x 2.18 inch) / 47": 1073 x 623(629) x 55.8 mm (42.24 x 24.52(24.76) x 2.19 inch)	
DIMENSION	*H' includes power lamp bump area located at the bottom	55": 1243 x 719(725) x 56.8 mm (48.93 x 28.3(28.54) x 2.23 inch) / 65": 1462 x 859 x 59.2 mm (57.55 x 33.81 x 2.33 inch)	
	W x H x D (with stand)	42": 961 x 610 x 218 mm (37.83 x 24.01 x 8.58 inch) / 47": 1073 x 676 x 255 mm (42.24 x 25.61 x 10.03 inch)	
DIMENSION	W x H x D (Packing)	55": 1128 x 708 x 255 mm (44.4 x 27.87 x 10.03 inch) / 65": 1462 x 898 x 314 mm (57.55 x 35.35 x 12.36 inch)	
	W x H x D (Packing)	42": 1054 x 645 x 146 mm (41.49 x 25.39 x 5.74 inch) / 47": 1144 x 695 x 146 mm (45.03 x 27.36 x 5.74 inch)	
DIMENSION	W x H x D (Packing)	55": 1191 x 745 x 146 mm (46.88 x 29.33 x 5.74 inch) / 65": 1548 x 945 x 194 mm (60.94 x 37.2 x 7.63 inch)	



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TV tuner built-in Digital Signage
42"/47"/55"/65" SUPERSIGN TV

42LY540S-UA | 42" CLASS 47LY540S-UA | 47" CLASS 55LY540S-UA | 55" CLASS 65LY540S-UA | 65" CLASS



SuperSign TV is an affordable and easy solution

Brightness 300nit	Built-in Speaker	Free Software - Content Management S/W including 32 pre- installed templates for multiple verticals - Remotely deliver content and control up to 50 TVs over the network
Built-in TV Tuner	Thin Cabinet* (T/L/R) Flat bezel 8.5mm (13mm after curvature) (B) Flat bezel 14mm (18.7mm after curvature)	Multiple ports for multiple connections -RGB in, HDMI in, RF, AV in, Component in, Audio out, RS232C in, RJ45, Speaker out
*Bezel width and depth vary by screen size		



TV TUNER BUILT-IN DIGITAL SIGNAGE

LY540S 42", 47", 55", 65"

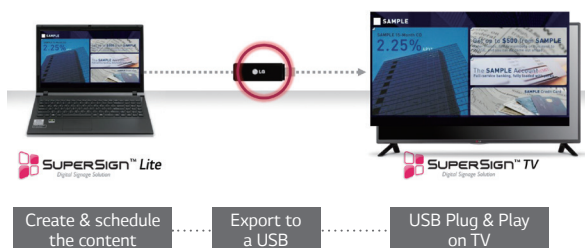
**DELIVER YOUR MESSAGES WHILE BROADCASTING
LIVE CHANNELS SIMULTANEOUSLY.**

**SIMPLE CONNECTIVITY**

Needs only a power, LAN connection and a USB to operate.

**HOW TO USE SUPERSIGN TV**

Option 1. as a stand-alone use

**AN AFFORDABLE ALL-IN-ONE DISPLAY SOLUTION**

No need to purchase any additional hardware or software.

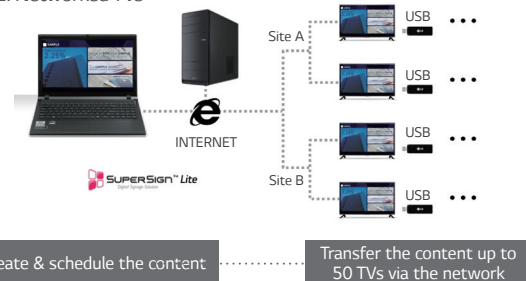
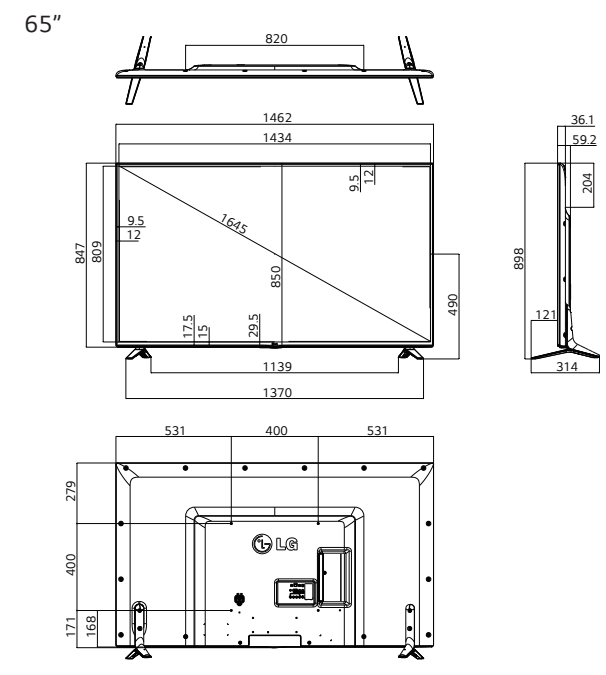
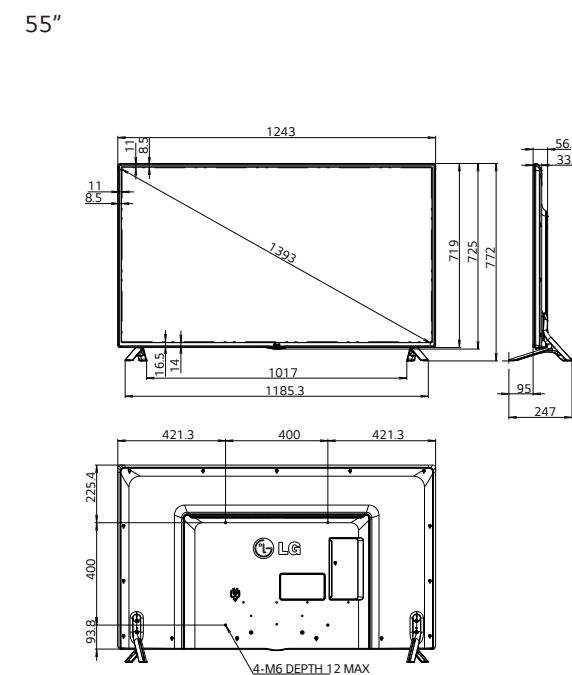
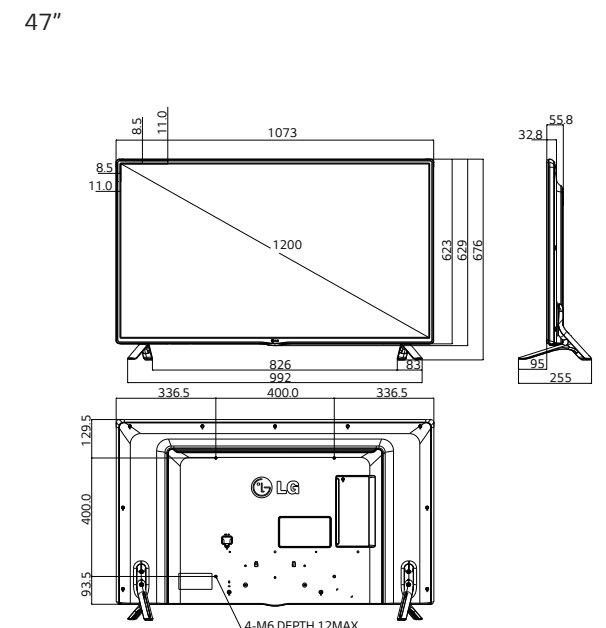
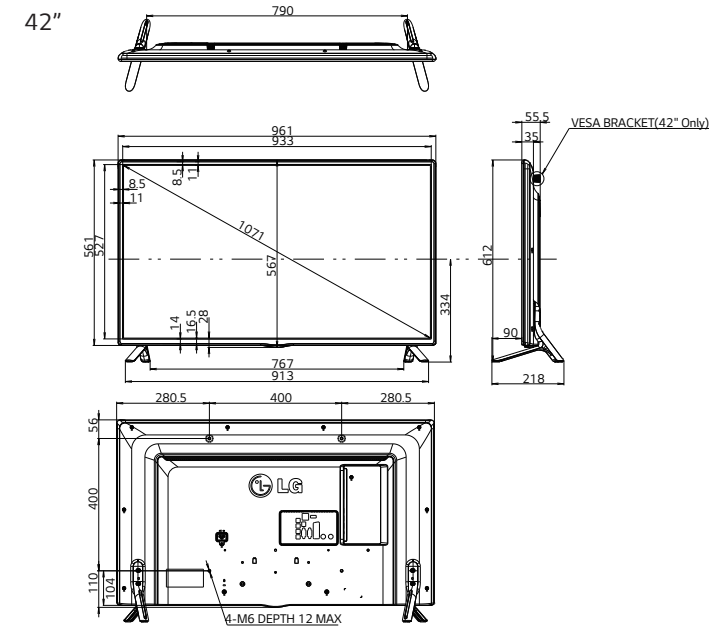
**FREE SUPERSIGN LITE**

- 32 pre-installed templates for multiple verticals
- Schedule your messages to show on which TVs, and when they show
- Remotely control maximum 50 TVs over the network



32
Free templates

Option 2. Networked TVs

**DIMENSION** (unit : mm)**INTERFACE**