


## SPECIFICATIONS

|                                  |  | LY540S-ASIA  |
|----------------------------------|--|--|
| MODEL INFORMATION                | TV Image   |    |
|                                  | Inch   | 32H / 42 / 47 / 55 / 60  |
| LCD PANEL SPECIFICATION          | Category   | SuperSign TV   |
|                                  | Production Model   | 32 / 42 / 47 / 55 / 60LY340C-TA  |
|                                  | Chassis Platform   | L14 (Commercial)   |
|                                  | Backlight Type   | LED (Slim Direct L)  |
|                                  | Resolution   | 32": 1366 x 768 (HD), 42/47/55/60": 1920 x 1080 (FHD)  |
|                                  | Brightness (cd/m <sup>2</sup> )                                | 32/42/47": 300, 55/60": 300  |
|                                  | Dynamic Contrast Ratio (Dynamic MCI (Hz))                      | 32": 1,000,000:1 / 42 / 47 / 55": 2,000,000:1, 60": 4,000,000:1  |
|                                  | Static (Panel) Contrast Ratio                                  | 1200 : 1   |
|                                  | Viewing Angle Degree   | 178 x 178  |
|                                  | Response Time (G to G)   | 32": 9ms, 42 / 47": 8ms, 55": 9ms, 60": 4ms  |
| BROADCASTING SYSTEM              | Frame Rate   | 32/42/47/55": 60Hz, 60": 120Hz   |
|                                  | Life Span (hrs)  | 30,000   |
| VIDEO                            | Analog   | • (PAL / NTSC-M)   |
|                                  | Digital  | • (DVB-T)  |
| AUDIO                            | XD Engine  | •  |
|                                  | Real Cinema 24p (3:3 Pull Down)                                | •  |
| FEATURE                          | Aspect Ratio   | • 8 modes (16:9, Just Scan, Original, Full wide, 4:3, 14:9, Zoom, Cinema Zoom 1)   |
|                                  | Audio Output   | 10W + 10W  |
| INTERFACE                        | Speaker System   | 2.0 ch   |
|                                  | Sound Mode   | • 6 modes (Standard, News, Music, Cinema, Sport, Game)<br>• 6 modes (India only) (Standard, News, Bollywood, Cinema, Sport, Game)  |
| ACCESSORY                        | Clear Voice II   | •  |
|                                  | Remote Diagnosis   | • (USB)  |
| POWER                            | Smart Share  | •  |
|                                  | MHL  | •  |
| TOOL DESCRIPTION                 | HDMI-CEC   | •  |
|                                  | HTNG-CEC   | •  |
| REQUIRED LISTING (CERTIFICATION) | Lock Mode  | •  |
|                                  | IR Out   | • (RS-232C)  |
| DIMENSION                        | External Speaker Out   | • (Int/Fixed, 3.5mm, Stereo, Single Ended Type (GND,L / R), 1W with 8Ω)  |
|                                  | RJP Interface  | • (RS232C, HDMI CEC)   |
| DIMENSION                        | RJP Compatibility  | • LG / Teleadapt (RS232C), Teleadapt / Guestlink (HDMI CEC)  |
|                                  | USB  | • (USB 2.0)  |
| DIMENSION                        | USB Auto Play Back   | •  |
|                                  | Moving Picture Playback (SD / HD / Plus HD)                    | Divx HD  |
| DIMENSION                        | Picture  | JPEG   |
|                                  | Audio Codec  | MP3, AC3, MPEG, AAC, HEAAC, CDDA, LPCM   |
| DIMENSION                        | USB Cloning  | •  |
|                                  | Multi IR Code  | •  |
| DIMENSION                        | Welcome Screen (Splash Image)                                  | •  |
|                                  | Auto Off / Auto Sleep  | •  |
| DIMENSION                        | Smart Energy Saving  | •  |
|                                  | Anti-Theft System  | •  |
| DIMENSION                        | Kensington Lock  | •  |
|                                  | Digital Signage  | •  |
| DIMENSION                        | Digital Signage CMS  | •  |
|                                  | Set Side   | Headphone Out 1<br>HDMI In 1<br>USB (2.0) 2  |
| DIMENSION                        | Set Rear   | RF In 1<br>AV In 1<br>Component in (Y,Pb,Pr) + Audio 1 (Commonly Used W/AV)<br>Digital Audio Out (Coaxial / Optical) 1 (Optical)<br>HDMI/HDCP Input 1<br>RGB In (D-sub 15pin) - PC 1<br>PC Audio Input 1 (Commonly Used W/AV)<br>RS-232C (D-Sub 9pin) 1<br>LAN Port 1<br>External Speaker Out (3.5mm Phone Jack) 1 (Spk-out 1) |
|                                  | Remote Type  | L-CON  |
| DIMENSION                        | Cable  | Power Cord   |
|                                  | Manual / ESG   | CD Title (Simple Manual)   |
| DIMENSION                        | Voltage, Hz  | 100 ~ 240V, 50 / 60Hz  |
|                                  | Max (Watts)  | 32": 82W, 42": 110W, 47": 117W, 55": 139W, 60": 139W   |
| DIMENSION                        | Typical (Watts)  | 32": 58W, 42": 84W, 47": 91W, 55": 114W, 60": 114W   |
|                                  | Energy saving (Min)  | 32": 44W, 42": 66W, 47": 66W, 55": 83W, 60": 85W   |
| DIMENSION                        | Energy saving (Med)  | 32": 35W, 42": 51W, 47": 50W, 55": 62W, 60": 65W   |
|                                  | Energy saving (Max)  | 32": 25W, 42": 33W, 47": 30W, 55": 36W, 60": 40W   |
| DIMENSION                        | Stand-by   | 32": 0.19W, 42": 0.19W, 47": 0.20W, 55": 0.15W, 60": 0.23W   |
|                                  | Tool Name  | LB56 (w/Red LG Logo)   |
| DIMENSION                        | Bezel Width (Left / Right, Upper, Bottom)<br>: On bezel based  | 32": 11.6 / 11.6, 11.3, 16.3, 42": 11 / 11, 11, 16.5, 47": 11 / 11, 11, 16.5, 55": 11 / 11, 11, 16.5, 60": 16.5 / 16.5, 15.7, 20.5   |
|                                  | Bezel Width (Left / Right, Upper, Bottom)<br>: Off Bezel Based | 32": 10.5 / 10.5, 10, 14, 42": 8.5 / 8.5, 8.5, 14, 47": 8.5 / 8.5, 8.5, 14, 55": 8.5 / 8.5, 8.5, 14, 60": 11.5 / 11.5, 11.5, 16.3  |
| DIMENSION                        | VESA Compatible  | 32": 200 x 200, 42": 400 x 400, 47": 400 x 400, 55": 400 x 400, 60": 400 x 400   |
|                                  | Safety   | CB, BIS, SIRIM, TISI, BPS  |
| DIMENSION                        | EMC  | CISPR  |
|                                  | ETC.   | MEPS, Tick, EE, CIF  |
| DIMENSION                        | Weight (With Stand, Kg)  | 32": 6.2, 42": 9.5, 47": 12.7, 55": 17.7, 60": 23.5  |
|                                  | Weight (Packing)   | 32": 7.4, 42": 11.6, 47": 16.4, 55": 22.1, 60": 29.2   |
| DIMENSION                        | W x H x D (W/D stand, mm)                                      | 32": 732 x 431 x 55.5mm, 42": 961 x 567 x 55.5mm, 47": 1073 x 629 x 55.8mm, 55": 1243 x 725 x 56.8mm, 60": 1373 x 801 x 58.8   |
|                                  | W x H x D (With Stand, mm)                                     | 32": 732 x 481 x 207mm, 42": 961 x 610 x 218mm, 47": 1073 x 676 x 255<br>55": 1243 x 772 x 255mm, 60": 1373 x 848 x 280  |
| DIMENSION                        | W x H x D (Packing, mm)  | 32": 810 x 495 x 146mm, 42": 1054 x 645 x 146mm, 47": 1144 x 695 x 146mm, 55": 1330 x 810 x 174mm, 60": 1460 x 880 x 190   |

# TV tuner built-in Digital Signage 32" / 42" / 47" / 55" / 60" SUPERSIGN TV

**32LY540S-ASIA** | 32" CLASS (801.31mm) diagonal

**47LY540S-ASIA** | 47" CLASS (XXXmm) diagonal

**60LY540S-ASIA** | 60" CLASS (XXXmm) diagonal

**42LY540S-ASIA** | 42" CLASS (1,064.77mm) diagonal

**55LY540S-ASIA** | 55" CLASS (1,387.80mm) diagonal



## SuperSign TV is an Affordable and Easy Solution

Brightness  
32/42/47": 300nit  
44/50": 330nit

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-ASIA** 32" / 42" / 47" / 55" / 60"



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



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

No need to purchase any additional hardware or software.



**SIMPLE CONNECTIVITY**

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



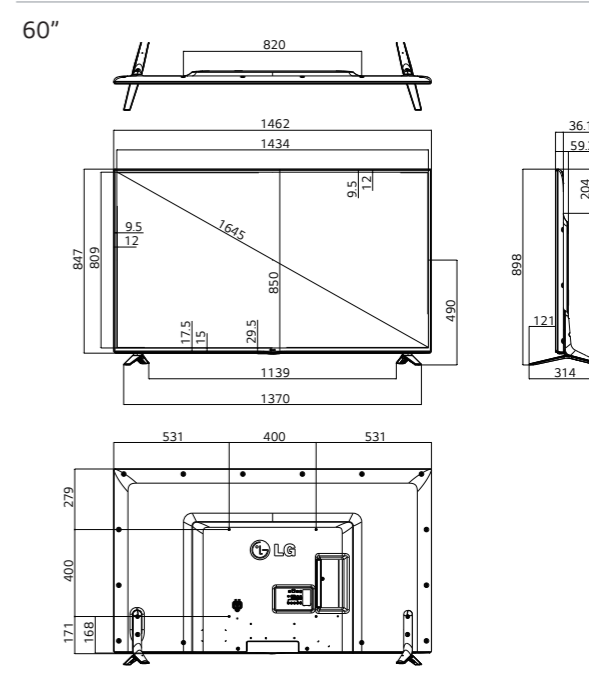
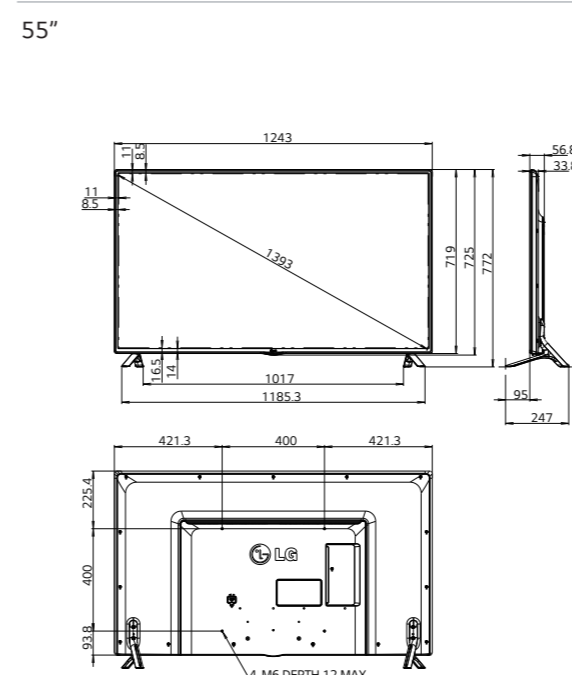
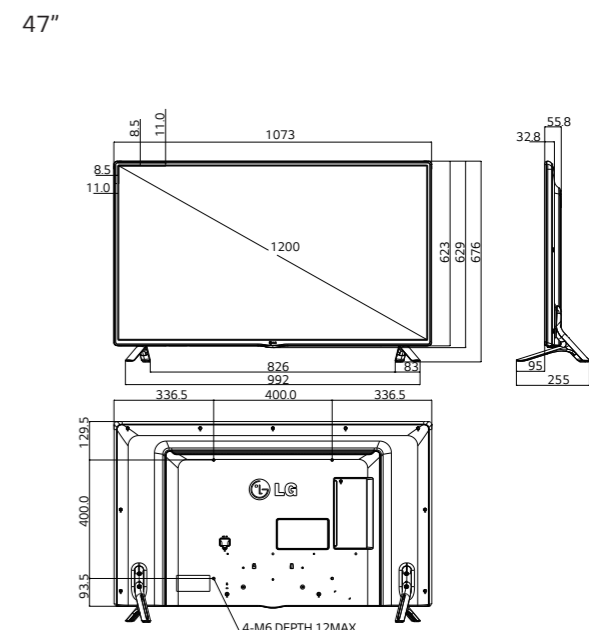
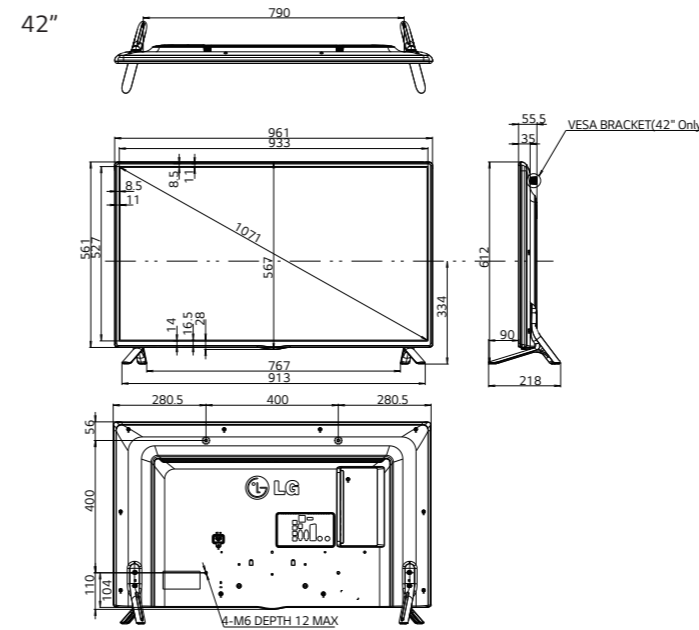
**FREE SUPERSIGN LITE**

- 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



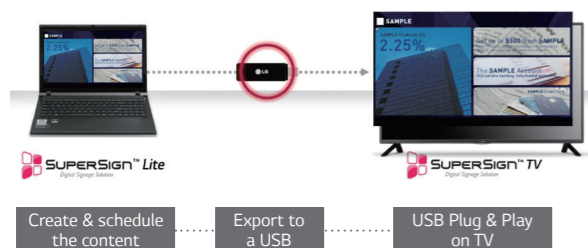
**32**  
Free templates

**DIMENSION (unit : mm)**

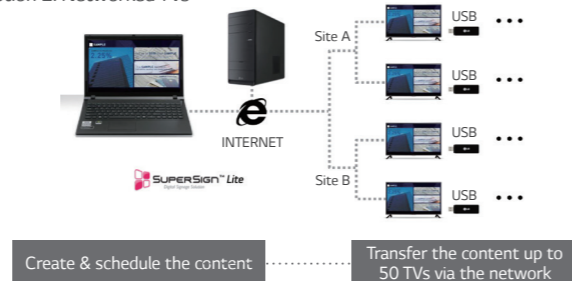


**HOW TO USE SUPERSIGN TV**

Option 1. as a stand-alone use



Option 2. Networked TVs



**INTERFACE**

