

Simplifying Digital Signage

Introducing the SE3B



Edge-Lit LED IPS Digital Signage Display

▶ 65SE3B

65" class (64.5" diagonal)

▶ 55SE3B

55" class (54.6" diagonal)

▶ 49SE3B

49" class (48.5" diagonal)

▶ 43SE3B

43" class (42.5" diagonal)

▶ 32SE3B

32" class (31.5" diagonal)



LG is breaking barriers with its industry-leading digital signage innovations focusing on cost-effective displays and all-in-one platforms. These innovations allow businesses to use LG products in new and exciting ways that are transforming the digital signage landscape today.

The Edge-Lit LED SE3B, is a great cost-effective commercial grade solution for education, corporations, sports and entertainment and more.

Features

SUPERSIGN™

- Run messages on up to 50 display screens in the form of a billboard without additional hardware. Advertisements, information and broadcast content can be arranged on the same screen to attract attention and deliver specific messaging to your customer base.

CONFORMAL COATING

- Conformal coating helps protect against water, dust and iron powder deposits which accumulate in harsh environments, saving on expensive installation and added enclosure costs.

NETWORK MANAGEMENT PROTOCOL

- The SE3B Series platform includes support tools for System Integrators to manage systems, such as remote logging, enabling the monitoring of TV's on the network by the head-end or the cloud server for maintenance and administrative purposes.

Specifications

Native Display Resolution 1920 x 1080 (FHD)

High Brightness 400cd/m² (65")
350cd/m² (55", 49", 43", 32")

Contrast Ratio 1300:1 (65")
1100:1 (55", 49", 43", 32")

Viewing Angle 178° x 178°

VESA™ Compliant Wall Mountable

3-Year Limited Warranty Parts/Labor/Backlight
Extended warranty options are also available

Digital Signage Management Essentials



Run messages on up to 50 display screens in the form of a billboard without any additional hardware. Advertisements, information and broadcast content can be arranged on the same screen to attract attention and deliver specific messaging to your customer base.

LG SuperSign Lite Usage Example

Different layout and designs available.

Put your own content and message here

Display player's name, server IP setting, server IP status and video here

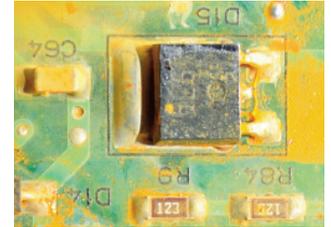


CONFORMAL COATING

Conformal coating helps protect against water, dust and iron powder deposits which accumulate in harsh environments, saving on expensive installation and added enclosure costs.



With Conformal Coating



Without Conformal Coating



USB CONTENT SCHEDULING

Play and schedule content using the USB connection without the need to connect to a server.



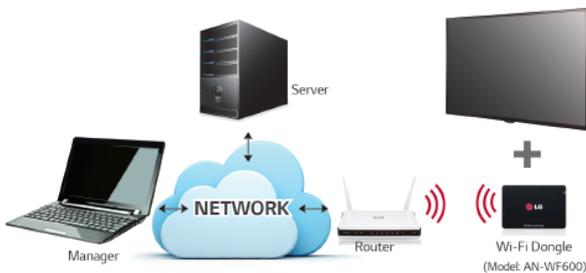
DETACHABLE LOGO

The detachable logo can be removed and repositioned to the desired setting. Perfect when using in Portrait Mode.



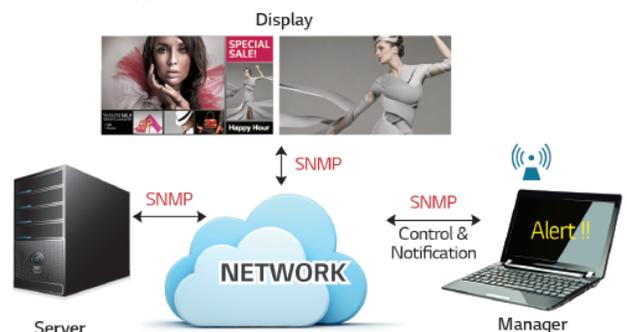
WI-FI SUPPORT

Play and schedule content using the USB connection without the need to connect to a server.



NETWORK MANAGEMENT PROTOCOL

Enables monitoring of TV's on the network by the head-end or a cloud server for maintenance and admin purposes. The instant on/warm mode feature allows the TV to communicate in a background mode while the TV is powered off and without disruption to the guest, providing the ability to deliver remote software updates from the head-end server and quick boot-up of embedded applications.



Convenient Screen Mode

ASPECT RATIO SUSTAINABILITY*

Sustain the same resolution and picture quality while powering on/off by receiving Extended Display Identification Data through the IC switch.



* Installation Menu > LG Digital Signage > PM Mode
 ** Installation Menu > ISM Method

STAND-BY SCREEN*

Even with the monitor powered off and no signal from the media player, the monitor will still stay accessible remotely via Stand-By Screen mode.

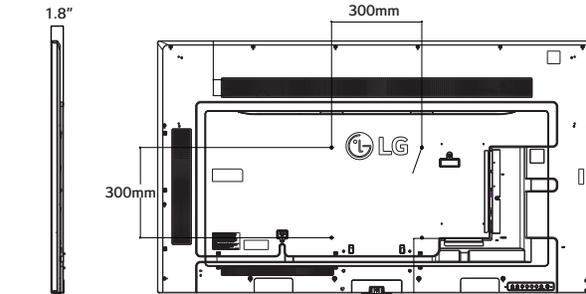
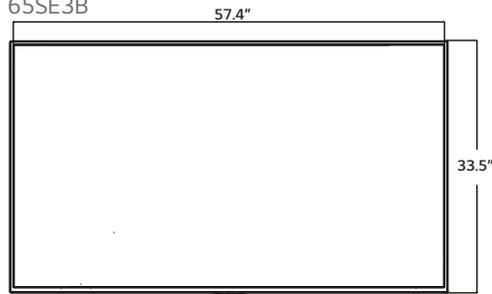


SCHEDULED SCREEN WASH**

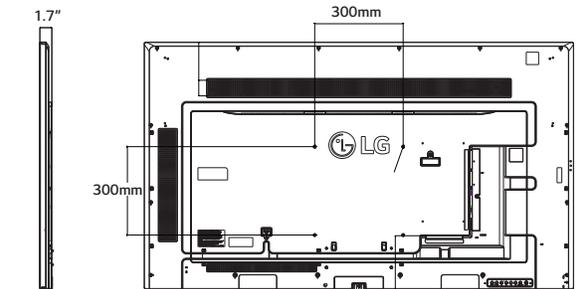
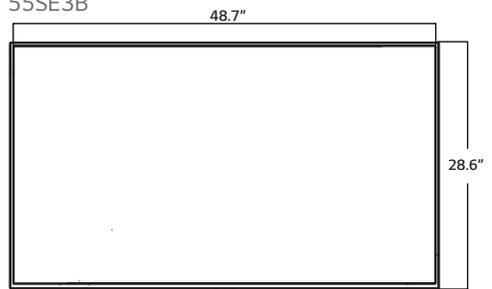
Prevent residual images with the screen transition feature.



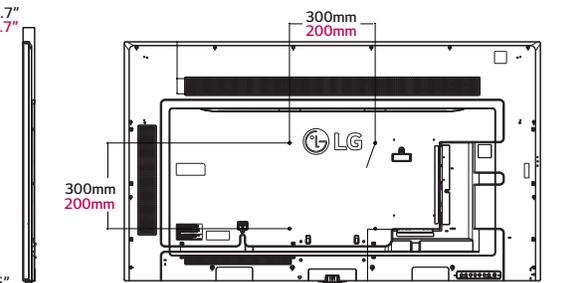
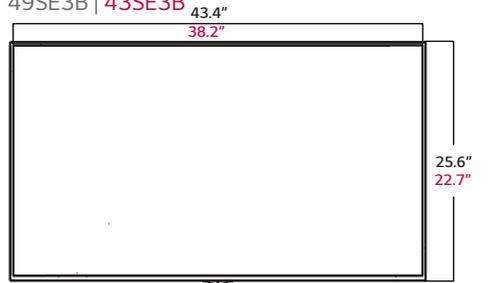
65SE3B



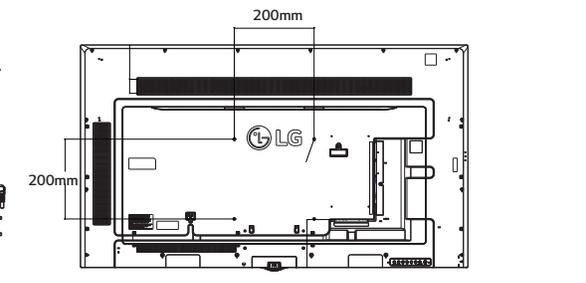
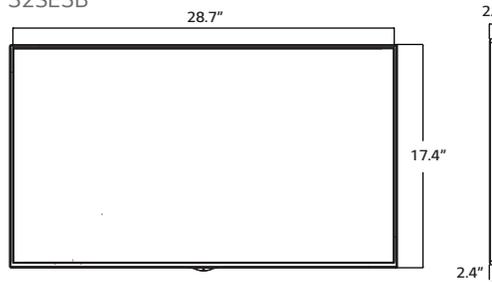
55SE3B



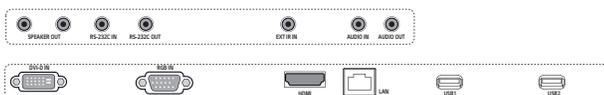
49SE3B | 43SE3B



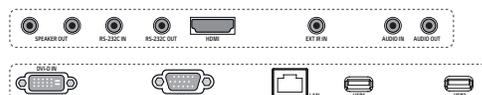
32SE3B



65SE3B Rear Jack Pack



55/49/43/32SE3B Rear Jack Pack



Edge-Lit LED IPS Digital Signage Display

▶ **65SE3B**

65" class (64.5" diagonal)

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55" class (54.6" diagonal)

▶ **49SE3B**

49" class (48.5" diagonal)

▶ **43SE3B**

43" class (42.5" diagonal)

▶ **32SE3B**

32" class (31.5" diagonal)

| PANEL | Model name | 65SE3B | 55SE3B | 49SE3B | 43SE3B | 32SE3B |
|---|------------|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Screen Size | | 65" class (64.5" diagonal) | 55" class (54.6" diagonal) | 49" class (48.5" diagonal) | 43" class (42.5" diagonal) | 32" class (31.5" diagonal) |
| Panel Technology | | IPS | | | | |
| Aspect Ratio | | 16:9 | | | | |
| Native Resolution | | 1920 x 1080 (FHD) | | | | |
| Pixels (HxVx3) | | 6,220,800 | | | | |
| Brightness | | 400cd/m ² | | | | 350cd/m ² |
| Contrast Ratio | | 1,300:1 | | | | 1,100:1 |
| Dynamic CR | | 500,000:1 | | | | |
| Color gamut | | 68% | | | | |
| Viewing Angle (H x V) | | 178 x 178 | | | | |
| Color Depth | | 1.06 Billion | | | | |
| Response Time | | 12ms (G to G BW) | | | | |
| Surface Treatment | | Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1%(Typ.)) | | | | |
| Life time (Typ.) | | 30,000 Hrs (Min) | | | | |
| Recommended Use | | 18hrs / 7 days | | | | |
| Orientation | | Portrait & Landscape | | | | |
| Digital HDMI | | Yes (1) | | | | |
| Digital DVI | | Yes (1) | | | | |
| Analog RGB | | Yes (1) | | | | |
| Audio | | Yes (1) | | | | |
| RS232C | | Yes (1) | | | | |
| External Control | | RJ45 | | | | |
| IR receiver | | Yes (1) | | | | |
| USB | | Yes (2) | | | | |
| HDTV Formats | | HDMI : 720p, 1080i, 1080p | | | | |
| Audio | | Yes | | | | |
| Ext Speaker Out | | Yes (L/R) | | | | |
| External Control | | RS232C | | | | |
| Bezel Color | | Black | | | | |
| Bezel Width | | 11.9mm (T/R/L), 18mm (B) | 11.9mm (T/R/L), 18mm (B) | | | 13mm (T/R/L), 18mm (B) |
| Monitor Dimension (W x H x D) | | 57.4"x33.0"x1.6" | 48.7"x28.1"x 1.5" | 43.4"x25.1"x1.5" | 38.2"x22.2"x1.5" | 28.7"x16.9"x 2.2" |
| Weight (Head) | | 61.0 lbs | 38.1 lbs | 31.1 lbs | 21.6 lbs | 11.5 lbs |
| Weight (Head+Stand) | | 72.5 lbs | 45.4 lbs | 38.4 lbs | 27.1 lbs | 13.2 lbs |
| Monitor (with Optional Stand & Speaker) | | 57.4"x35.4"x11.6" | 48.7"x30.4"x8.6" | 43.4"x27.4"x 8.6" | 38.2"x24.5"x 7.6" | 28.7"x18.9"x 6.1" |
| Weight(Head+Stand+Speaker) | | 73.6 lbs | 46.5 lbs | 39.4 lbs | 28.2 lbs | 14.3 lbs |
| Carton Dimensions | | 61.5"x 37.4"x0.7" | 52.4"x 32.0"x5.9" | 47.1"x29.9"x5.3" | 41.4"x25.6"x4.8" | 31.9"x20.1"x5.2" |
| Packed Weight | | 74.1 lbs | 47.4 lbs | 37.7 lbs | 27.3 lbs | 14.3 lbs |
| Handle | | No | | | | |
| VESA™ Standard Mount Interface | | 300 x 300 | | | 200 x 200 | |
| Temp Sensor | | Yes | | | | |
| Tile Mode | | Yes (Up to 15x15) | | | | |
| Natural Mode @Tile Mode | | Yes | | | | |
| Source Selection | | RGB, HDMI, DVI, USB1, USB2 | | | | |
| Brightness/Contrast/Backlight | | Yes | | | | |
| Position/Size | | Yes | | | | |
| Auto Config/ | | Yes | | | | |
| Language | | English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Portugues(Europe), Dutch, Czech, Greek | | | | |
| ISM Method | | Normal, White Wash, Color Wash, Orbiter, inversion, Washing Bar, User image | | | | |
| Advanced | | Dynamic Contrast, Dynamic Color, Color Gamut, Skin Color, Sky Color, Grass Color, Gamma | | | | |
| Time | | Clock, On/Off Time, Auto Off, Automatic Standby | | | | |
| Input Label | | Yes(PC/DTV) | | | | |
| Power on Status | | Standard, PWR, LST | | | | |
| Key operation | | IR operation, Local key operation | | | | |
| DPM Select | | Yes | | | | |
| DPM wake up | | Yes | | | | |

| SPECIAL FEATURES | Model name | 65SE3B | 55SE3B | 49SE3B | 43SE3B | 32SE3B |
|----------------------------------|------------|--|-----------------|-----------------|-----------------|-----------------|
| Energy Saving | | Yes (Minimum, Medium, Maximum, Screen Off) | | | | |
| Smart Energy Saving | | Yes | | | | |
| File Play w/USB | | Yes | | | | |
| Wi-Fi | | Dongle ready | | | | |
| USB Cloning | | Logo image download, EzDownload, Sent to USB, Receive from USB | | | | |
| Easy Brightness Control | | Yes | | | | |
| Content scheduling | | USB | | | | |
| Calibration mode | | Yes | | | | |
| DST Daylight Saving Time | | Yes | | | | |
| Screen Off Schedule | | Yes | | | | |
| Time Sync Clock | | Yes | | | | |
| PM mode | | Yes | | | | |
| Holiday Schedule | | Yes | | | | |
| Firmware Update (LAN) | | Yes | | | | |
| Local Auto Time | | Yes | | | | |
| Overlay touch | | Yes | | | | |
| Still Image Diagnosis | | Yes | | | | |
| HDMI-CEC | | Yes | | | | |
| Limited Mode | | Input source change, Menu Display, OSD Display | | | | |
| Power on Default | | Input source, A/V Setting, Aspect Ratio | | | | |
| Wake on LAN | | Yes | | | | |
| Digital Audio Input | | Yes | | | | |
| Power on Delay | | 0 - 255 | | | | |
| Pivot Mode | | Yes | | | | |
| OSD Portrait Mode | | 0, 90, 270 | | | | |
| intelligent Auto | | Yes | | | | |
| Password Change | | Yes | | | | |
| Set ID Setup | | Manual, Auto | | | | |
| Configuration Setup | | Splash Upset Time, USB auto Playback, Screen Saver Cube | | | | |
| Lock Mode | | USB | | | | |
| Fail Over | | USB, RGB, DVI, HDMI | | | | |
| SuperSign Server Setup | | Player name, Server IP setting, Server IP Status | | | | |
| No Signal image (Up to 5MB) | | Yes | | | | |
| External Media Player Attachable | | Yes (MP500/MP700) | | | | No |
| SuperSign-w lite | | Yes | | | | |
| SuperSign-c | | Yes | | | | |
| ENVIRONMENTAL CONDITIONS | | Operation Temperature: 32°F - 104°F | | | | |
| | | Operation Humidity: 10% to 80% | | | | |
| POWER | | Power Supply: 100-240V-, 50/60Hz | | | | |
| | | Power Type: Built-In Power | | | | |
| Power Consump Typ. | | 100W | 75W | 70W | 65W | 50W |
| Smart Energy Saving | | 70 | 55W | 50W | 45W | 35W |
| DPM | | 0.7W | 0.7W | 0.7W | 0.7W | 0.7W |
| Power off | | 0.5W | 0.5W | 0.5W | 0.5W | 0.5W |
| Balance | | Yes | Yes | Yes | Yes | Yes |
| AUDIO | | Audio Power: 20W (10W x 2) for External Speaker | | | | |
| Speaker On/Off | | Yes | | | | |
| Clear Voice II | | Yes | | | | |
| Virtual Surround | | Yes | | | | |
| Equalizer | | Yes | | | | |
| Sound Mode | | Standard, News, Music, Cinema, Sport, Game | | | | |
| STANDARD CERTIFICATION | | Safety: UL / cUL / CB / TUV / KC | | | | |
| EMC | | FCC Class "A" / CE / KCC | | | | |
| ErP / Energy Star | | Yes / Yes (Energy Star 6.0) | | | | |
| ACCESSORIES | | Basic: Remote Controller (include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver | | | | |
| OPTIONAL ACCESSORIES | | Dongle: AN-WF500 Speaker: SP-5000 | | | | |
| Stand | | ST-652T | ST-492T | ST-432T | ST-322T | |
| WARRANTY | | 3-Year Limited Warranty (Parts/Labor/Backlight) | | | | |
| UPC | | 7 19192 19660 5 | 7 19192 19659 9 | 7 19192 19658 2 | 7 19192 19657 5 | 7 19192 19656 8 |



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Hospitality: 800.228.1236
E-mail: info@LGSolutions.com



LG_SPEC_SE3B Series_031521_PR1

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