

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.

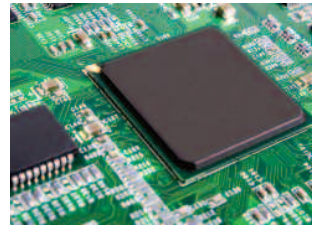
Put your own content and message here

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

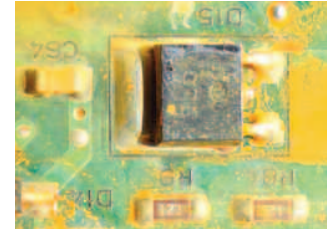


CONFORMAL COATING

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



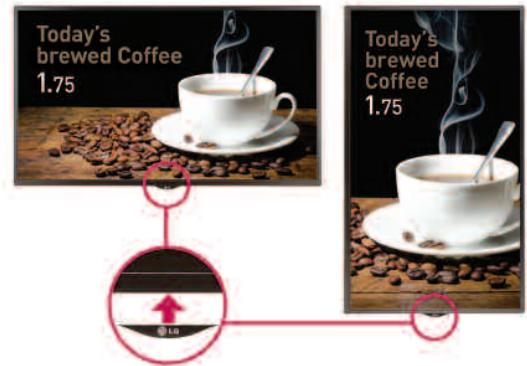
USB CONTENT SCHEDULING

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.



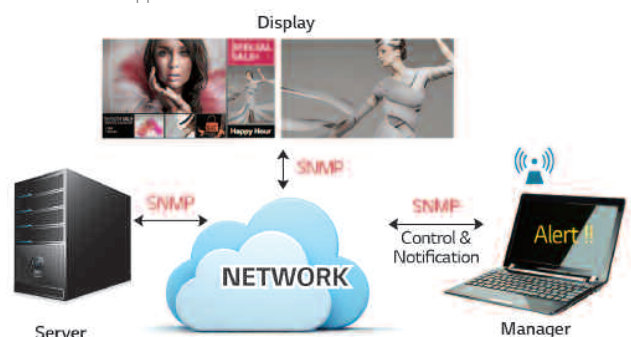
WI-FI SUPPORT

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.

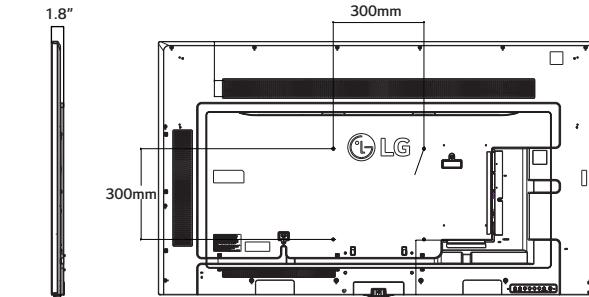
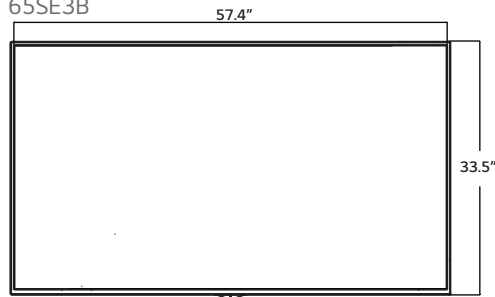


SCHEDULED SCREEN WASH**

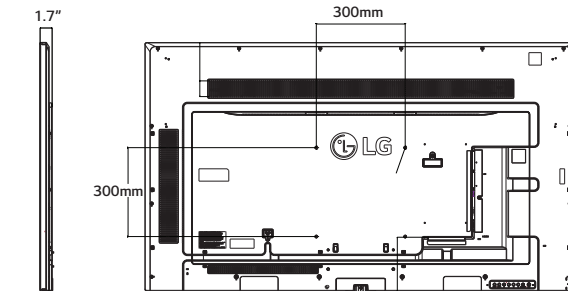
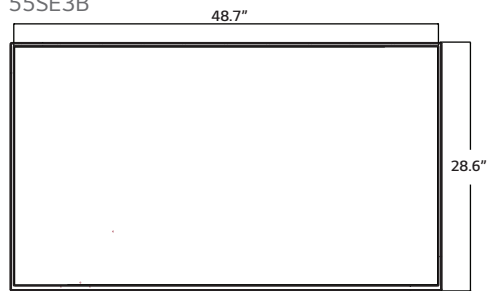
Prevent residual images with the screen transition feature.



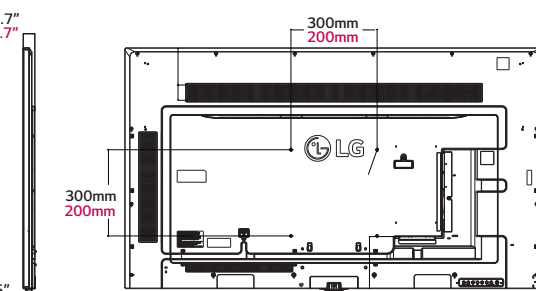
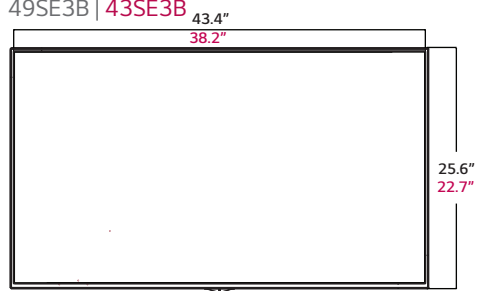
65SE3B



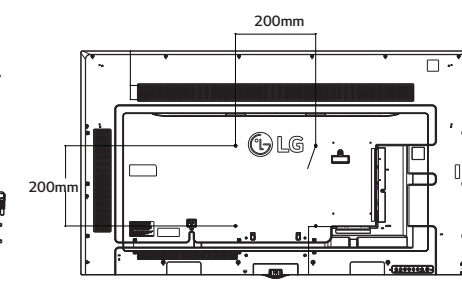
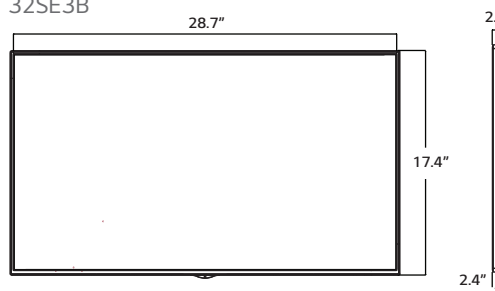
55SE3B



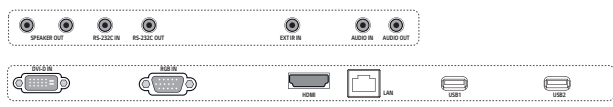
49SE3B | 43SE3B



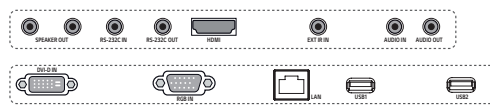
32SE3B



65SE3B Rear Jack Pack



55/49/43/32SE3B Rear Jack Pack



Edge-Lit LED IPS Digital Signage Display

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65" class (64.5" diagonal)

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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
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
DPM		0.7W	0.7W	0.7W	0.7W	0.7W
Power off		0.5W	0.5W	0.5W	0.5W	0.5W
AUDIO		Balance: Yes	Yes	Yes	Yes	Yes
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		Yes				
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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