

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.

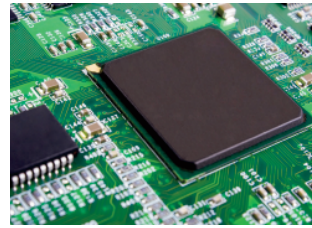
Put your own content and message here

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

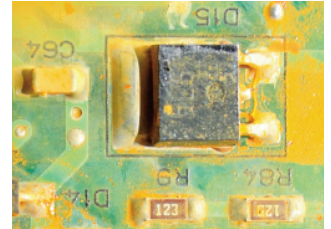


CONFORMAL COATING

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



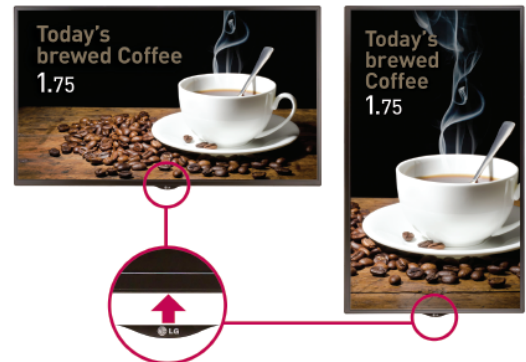
USB CONTENT SCHEDULING

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



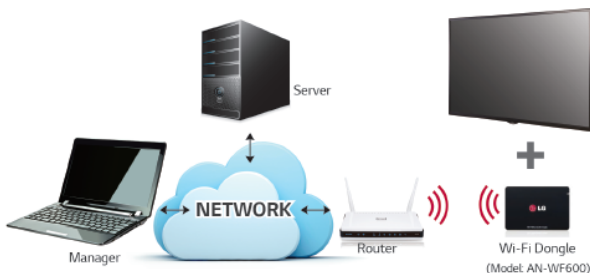
DETACHABLE LOGO

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



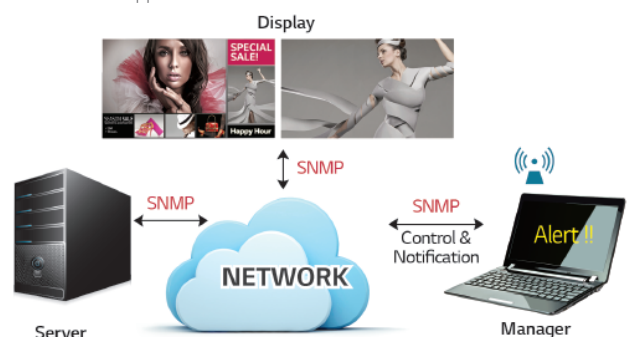
WI-FI SUPPORT

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.

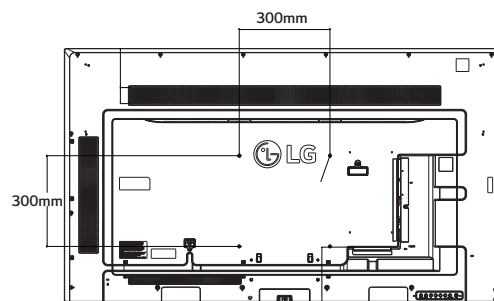
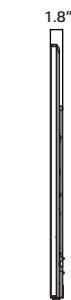
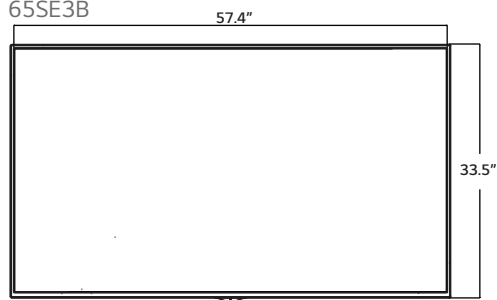


SCHEDULED SCREEN WASH**

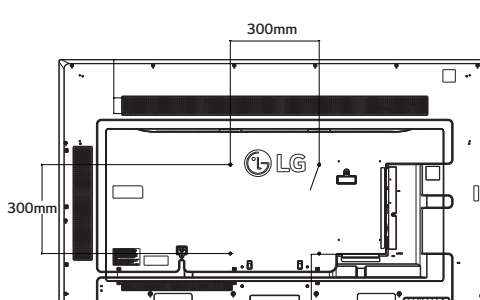
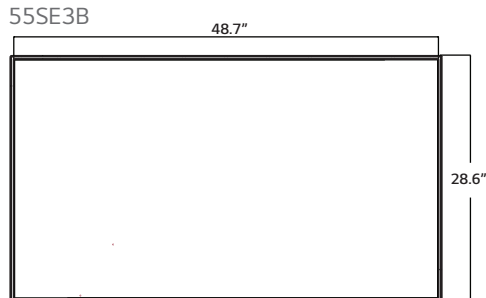
Prevent residual images with the screen transition feature.



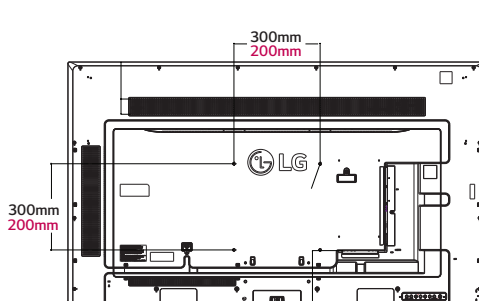
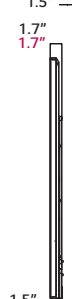
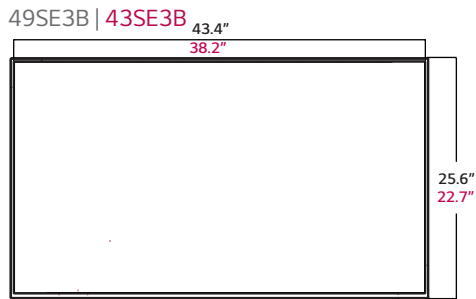
65SE3B



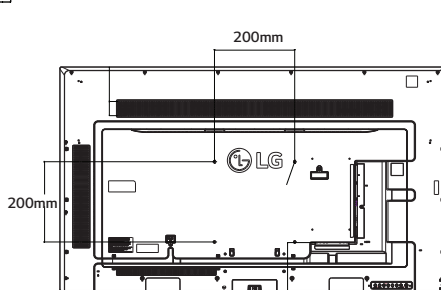
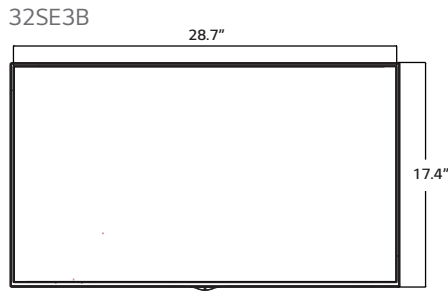
55SE3B



49SE3B | 43SE3B



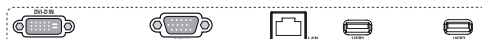
32SE3B



65SE3B Rear Jack Pack



55/49/43/32SE3B Rear Jack Pack



Edge-Lit LED IPS Digital Signage Display

► 65SE3B

65" class (64.5" diagonal)

► 55SE3B

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/m²	350cd/m²			
	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				
	INPUT	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)				
OUTPUT	USB	Yes (2)				
	HDTV Formats	HDMI : 720p, 1080i, 1080p				
	Audio	Yes				
	Ext Speaker Out	Yes (L/R)				
SPECIFICATIONS	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"x2.2"
	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+St and+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
SPECIAL FEATURES	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 <small>Daylight Saving Time</small>	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					
ENVIRON- MENTAL CONDITIONS	Operation Temperature	32°F - 104°F				
	Operation Humidity	10 % to 80 %				
POWER	Power Supply	100-240V~, 50/60Hz				
	Power Type	Built-In Power				
AUDIO	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 Power	20W (10W x 2) for External Speaker				
STANDARD CERTIFICATION	Speaker On/Off	Yes				
	Clear Voice II	Yes				
	Virtual Surround	Yes				
	Equalizer	Yes				
	Sound Mode	Standard, News, Music, Cinema, Sport, Game				
	Safety	UL / cUL / CB / TUV / KC				
ACCESSORIES	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	Yes / Yes (Energy Star 6.0)				
OPTIONAL ACCESSORIES	Basic	Remote Controller (include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver				
	Dongle	AN-WF500				
	Speaker	SP-5000				
WARRANTY	Stand	ST-652T	ST-492T		ST-432T	ST-322T
	3-Year Limited Warranty (Parts/Labor/Backlight)					
UPC	UPC	7 19192 19660 5	7 19192 19659 9	7 19192 19658 2	7 19192 19657 5	7 19192 19656 8



LG Electronics U.S.A., Inc.
HE B2B Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026
www.LGSolutions.com/support

Contact your LG Regional Sales Representative:
Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: info@LGSolutions.com

LG_SPEC_SE3B Series_031521_PR1

All screen images are simulated. Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

© Copyright 2015 LG Electronics USA, Inc. All Rights Reserved. "LG Life's Good" is a registered trademark of LG Corp.

ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. In Plane Switching is a trademark of LG Philips LCD Ltd. VESA is a trademark of Video Electronics Standards Association. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

All other product and brand names are trademarks or registered trademarks of their respective companies.

Printed in the USA. March 2015

