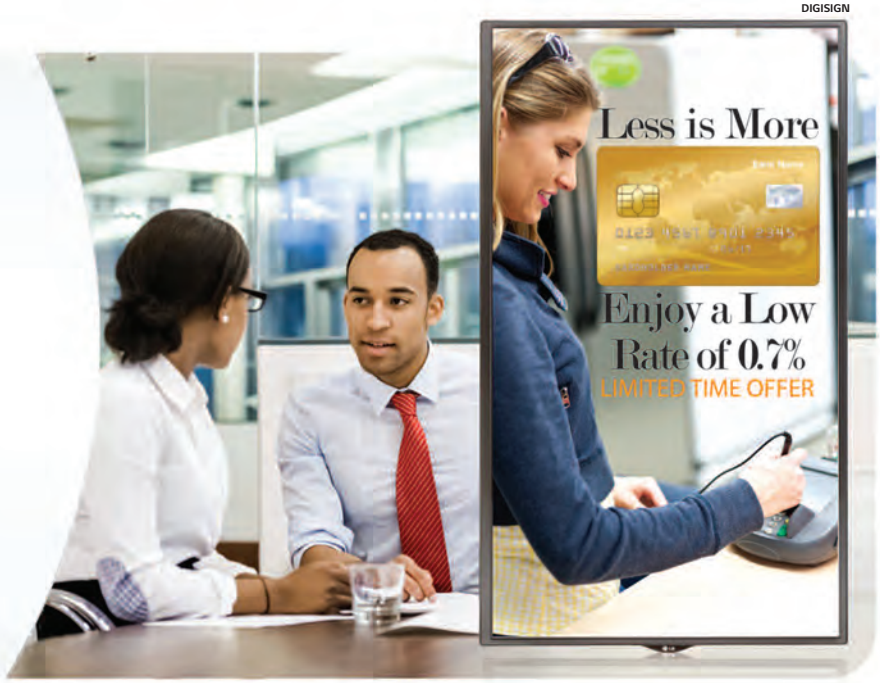
LG SM5B Enhanced Smart Platform

DIGISIGN

MULTI DISPLAYS

- 65SM5B
  65" class (64.5"/1,638mm diagonal)
- 55SM5B
  55" class (54.6"/1,387mm diagonal)
- 49SM5B
  49" class (48.5"/1,232mm diagonal)
- 43SM5B
  43" class (42.5" /1,079.5mm diagonal)
- 32SM5B
  32" class (31.5"/800mm diagonal)



HDMI · ENERGY STAR · 24hr/7days · IPS · webOS · SuperSign

The SM5B Series with webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduces total cost of ownership, simplifies installation, and managing content is easy and convenient.

KEY FEATURES

QUAD CORE SOC (SYSTEM-ON-CHIP)

The High Performance SoC can execute several tasks at the same time and provides smooth content playback



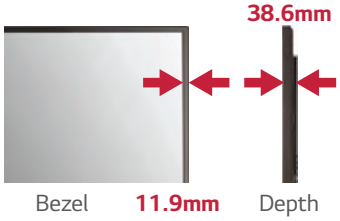
webOS

LG's webOS enabled displays feature an all-in-one hardware and software platform that allows software developers to install and run their software in a more simplified solution. This approach offers architecture that enables easy-to-build web-based apps across multiple platforms, This approach offers software architecture, including iOS®, Android® and Windows®. Using LG's SDK, integrators can construct their own ideal customized signage solution for their clients.



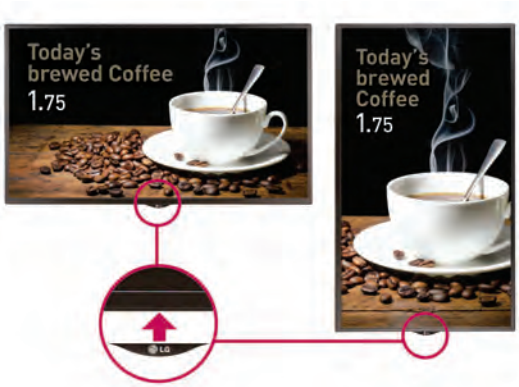
SLIM DESIGN | NARROW BEZEL

LG's monitors featuring a Direct-LED Backlight, have a stylishly slim design that fit perfectly into narrow spaces while ensuring high energy efficiency. The slim bezels are a perfect fit in confined areas and are easy to install.



DETACHABLE LOGO

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



DIGITAL SIGNAGE MANAGEMENT ESSENTIALS

SuperSign™ Digital Signage Solution

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.

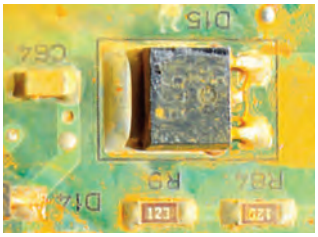


CONFORMAL COATING

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

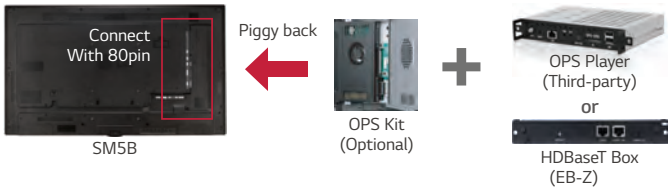
BEACON CONVENIENT SUPPORT

With BEACON and Bluetooth Low Energy (BLE) supported by SM5B, retail stores can provide coupons and information in real-time.



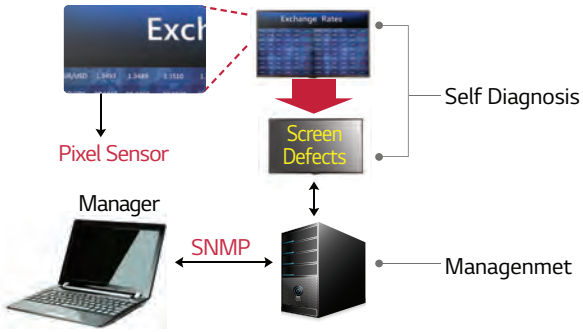
OPS (OPEN PLUGGABLE SPECIFICATION) KIT / HDBASET BOX

The SM5B provides an OPS Kit to connect a third-party OPS player or HDBaseT box. Users have the flexibility to choose any media player as long as it complies with OPS.



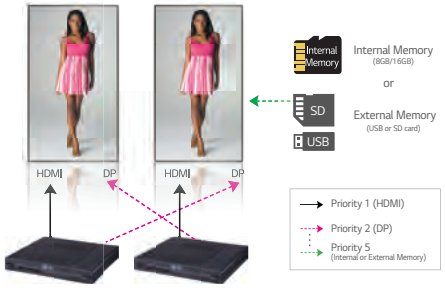
SCREEN FAULT DETECTION

Detects screen failure and sends an alert log via email.



ADVANCED FAILOVER

The enhanced failover function enables content in the internal memory to be displayed without dead spots when none of the external inputs are working. Monitor performs the signal switching automatically.



SoftAp

The SM5B with SoftAp software can operate as a wireless access point for mobile devices.



SIMPLE INSTALLATION

SuperSign embedded player with RJ45 interface allows easy content transfer and control via network without the need for an external media player.



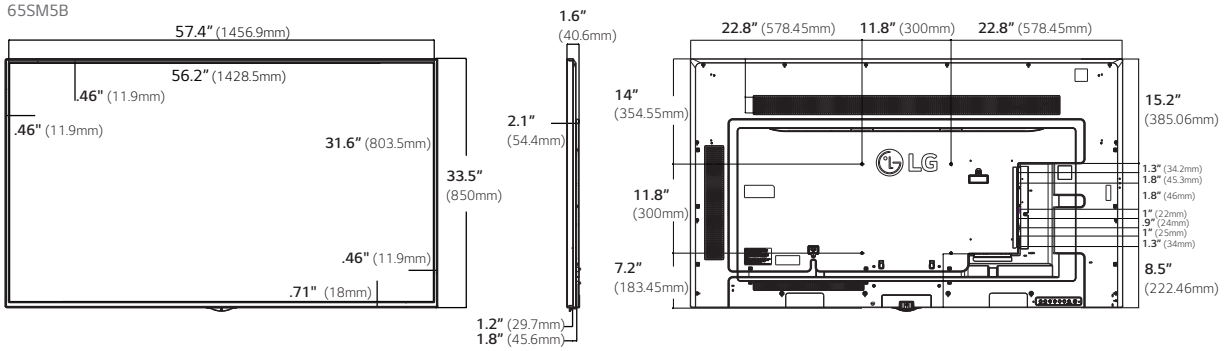
Wi-Fi : (removing Ethernet or RS232C cables)
802.11n (2.4GHz/5GHz)

MIRRORING

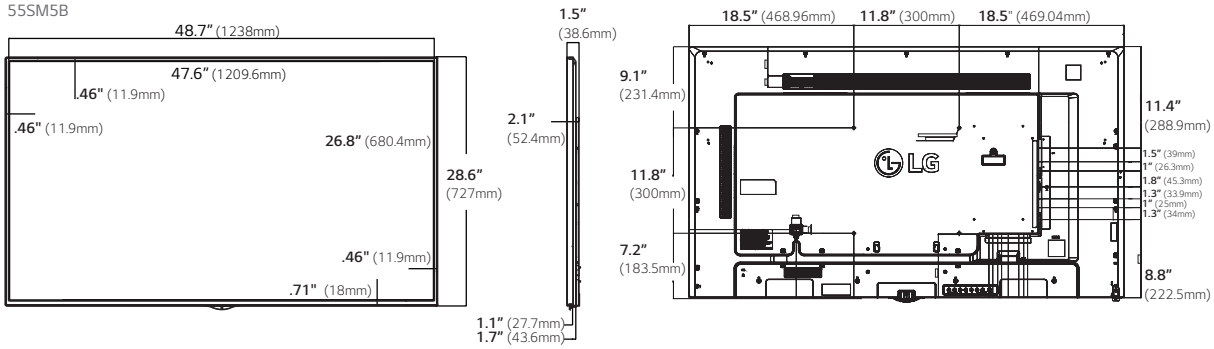
Content sharing is convenient through a Wi-Fi network.



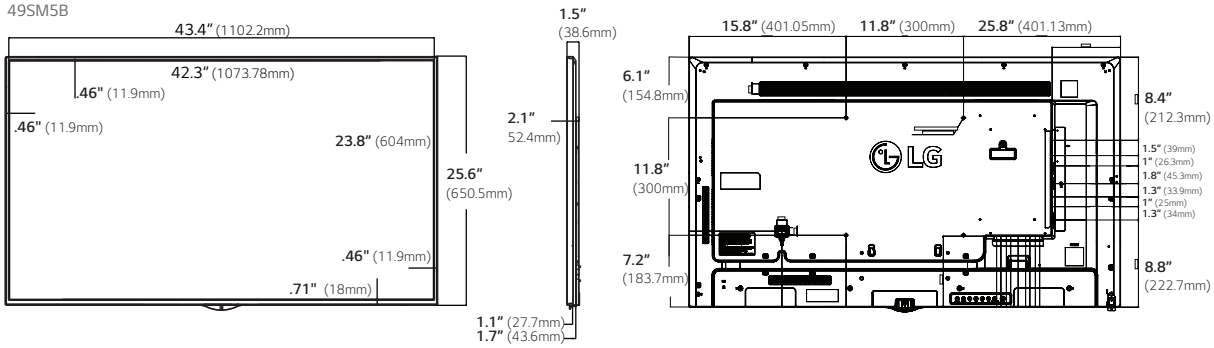
65SM5B



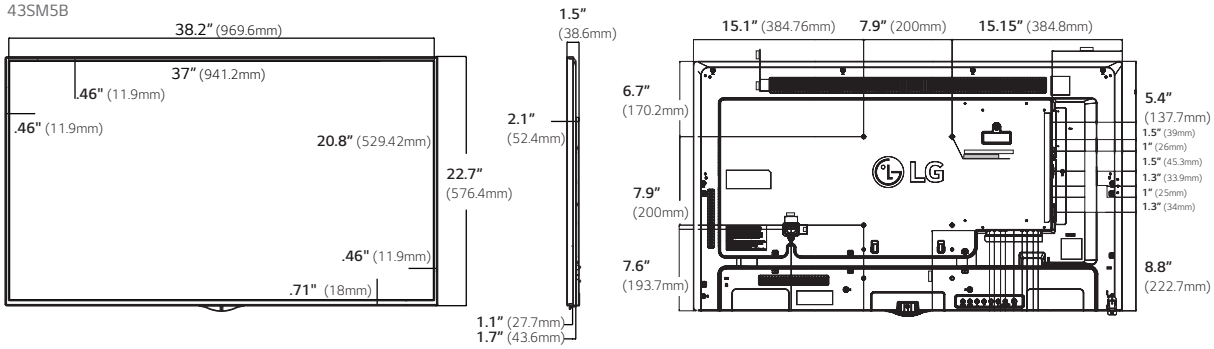
55SM5B



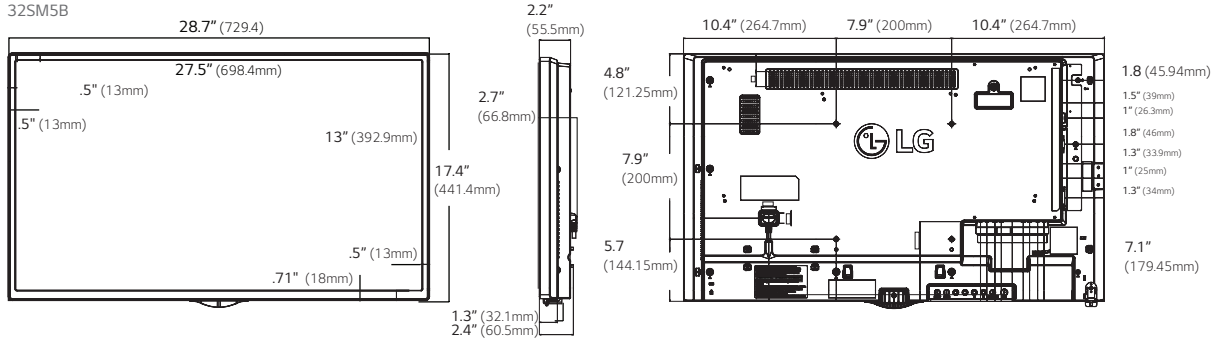
49SM5B



43SM5B

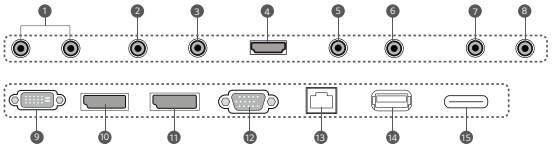


32SM5B

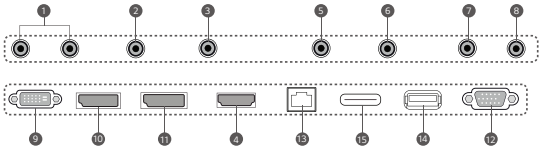


1. SPEAKER OUT
2. IR & LIGHT SENSOR
3. PIXEL SENSOR
4. HDMI
5. RS-232C IN
6. RS-232C OUT
7. AUDIO IN
8. AUDIO OUT
9. DVI-D IN
10. DP IN
11. DP OUT
12. RGB IN
13. LAN
14. USB 3.0
15. SD

55/49/43/32SM5B Rear Jack Pack



65SM5B Rear Jack Pack



SM5B
Enhanced Smart Platform

65SM5B — 65" class (64.5"/ 1,638mm diagonal)

49SM5B — 49" class (48.5"/ 1,232mm diagonal)

32SM5B — 32" class (31.5"/ 800mm diagonal)

55SM5B — 55" class (54.6"/ 1,387mm diagonal)

43SM5B — 43" class (42.5" / 1,079.5mm diagonal)

	Model	65SM5B	55SM5B	49SM5B	43SM5B	32SM5B
PANEL	Screen Size	65" class (64.5"/1638.3mm diagonal)	55" class (54.6"/1386.84mm diagonal)	49" class (48.5"/1231.9mm diagonal)	43" class (42.5"/1079.5mm diagonal)	32" class (31.5"/800.1mm diagonal)
	Panel Technology	IPS				
	Aspect Ratio	16 : 9				
	Native Resolution	1920 x 1080 (FHD)				
	Pixels (HxVx3)	6,220,800				
	Brightness	450cd/m²				
	Contrast Ratio	1,300:1	1,100:1			
	Dynamic CR	4,000,000:1				2,000,000:1
	Color Gamut	68%				
	Viewing Angle (H x V)	178° x 178°				
	Color Depth	1.06 Billion	16.7 Million			
	Response Time	12ms (G to G)				
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1%(Typ.))				
	Life Time (Typ.)	50,000 Hrs				
	Recommended Use	24Hrs/7 days				
	Orientation	Portrait & Landscape				
INPUT	Digital HDMI	HDMI1.4b/HDCP2.2				
	Digital DP	DP1.2a				
	Digital DVI-D	HDCP2.2				
	Analog RGB	Yes (1)				
	Audio In	RGB/DVI				
	RS232C IN	Yes (1)				
	External Control	RJ45				
	IR Cap Receiver	Yes (1)				
	Pixel Sensor	Yes (1)				
	USB3.0	Yes (1)				
	SD Card (Full Size)	Yes (1)				
	HDTV Formats	HDMI : 720p, 1080i, 1080p				
OUTPUT	DP Out	SST/DP1.2a				
	Audio Out	Yes				
	External Speaker Out	Yes (L/R), 6 ohm				
	External Control	RS232C				
SPECIAL FEATURES	Temperature Sensor	Yes				
	Auto Brightness Cap Sensor	Yes				
	Cooling FAN	No				
	Tile Mode	Up to 15x15				
	Natural Mode @Tile Mode	Yes				
	Source Selection	RGB, HDMI, DVI-D, DP, OPS, USB, SD Card				
	Brightness/ Contrast/Backlight	Yes				
	Position/Size	Yes				
	Auto Config/Phase	Yes				
	Language	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portuguese(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portuguese(Europe), Dutch, Czech, Greek				
	ISM Method	Normal, White Wash, Color Wash, User image, Scheduling				
	Advanced	Dynamic Contrast, Dynamic Color, Color Gamut, Skin Color, Sky Color, Grass color, Gamma				
	Time	Clock, On/Off Timer, Auto Off, Automatic Standby				
	Input Label	PC/DTV				
	Power on Status	Standby, Power, LST				
	Key Operation	IR, Local				
	DPM Select	Yes				
	Energy Saving	Auto, Minimum, Medium, Maximum, Screen off				
	Smart Energy Saving	Yes				
	File Play with USB	Yes				
	Internal Memory	8GB (System 4GB + Available 4GB)				
	Wi-Fi	802.11n combo built-in				
	USB Cloning	Logo image download, Sent to USB, Receive from USB				
	Content Scheduling	USB, Internal memory, SD Card				
	Calibration Mode	Yes				
	Savings Time	Yes				
	Sync Mode	Time sync, Content sync				
	PM Mode	Yes				

	Model	65SM5B	55SM5B	49SM5B	43SM5B	32SM5B
SPECIAL FEATURES	PM Mode	Yes				
	Firamware Update (LAN)	Yes				
	Local Time Auto Setting	Yes				
	Image Diagnosis	Yes				
	HDMI-CEC	Yes				
	Wake on LAN	Yes				
	Digital Audio Input	Yes				
	Power on Delay	0 ~ 255				
	Content Rotation	0, 90				
	OSD Portrait Mode	0, 90				
	Intelligent Auto	Yes				
	Password change	Yes				
	SetID Setup	Manual, Auto				
	Configuration Setup	USB auto Playback				
	Lock Mode	USB				
	Fail Over	USB, Sdcard, RGB, DVI, HDMI, Internal Memory				
	External Media Player Attachable	Yes (MP500/MP700)				
	SuperSign Server Setup	Signage name, Server IPA setting, Server IP Status				
	SuperSign-w Lite	Yes				
	SuperSign-c	Yes				
	Check Screen	Yes				
	OPS PC power Control	Sync On, Sync On/Off, Disable				
ENVIRONMENT CONDITIONS	Operation Temperature	0 °C to 40 °C				
	Operation Humidity	10 % to 80 %				
POWER	Power Supply	100-240V~, 50/60Hz				
	Power Type	Built-In Power				
	Power Consumption Typ.	120W	100W	85W	75W	60W
	Smart Energy Saving	85W	70W	60W	55W	45W
	DPM	0.7W				
	Power Off	0.5W				
AUDIO	Balance	Yes				
	Audio Power	20W (10W x 2) for External Speaker				
	Speaker On/Off	Yes				
	Clear Voice II	Yes				
	Virtual Surround Plus	Yes				
	Equalizer	Yes				
	Sound Mode	Standard, News, Music, Cinema, Sports, Game				
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	Yes / Yes (Energy Star 6.0)				
CABINET	Bezel Color	Black				
	Bezel Width	11.9mm (T/R/L), 18mm (B)				13mm (T/R/L), 18mm (B)
	WxHxD	57.35"x33"x1.6" (1456.9mm x838mm x 41.1mm)	48.7"x28.1"x1.5" (1238mm x 714.9mm x 38.6mm)	43.4"x25.1"x1.5" (1102.2mm x 638.5mm x 38.6mm)	38.2"x22.2"x1.5" (969.6mm x 563.9mm x 38.6mm)	28.7"x16.9"x2.2" (729.4mm x 428.9mm x 55.5mm)
	Weight	72.5lbs	45.4lbs	38.4lbs	27.1lbs	13.2lbs
	WxHxD (carton)	61.45"x37.4"x6.7" (1561mm x 951mm x 170mm)	52.4"x32"x5.9" (1330mm x 813mm x 151mm)	47.1"x29.9"x5.3" (1197mm x 760mm x 134mm)	41.4"x25.6"x4.8" (1052mm x 650mm x 123mm)	31.9"x20.1"x5.2" (810mm x 510mm x 132mm)
	Weight	74lbs	47.4lbs	37.7lbs	27.3lbs	14.3lbs
	VESA™ Compatible	11.8" (300mm x 300mm)			7.8" (200mm x 200mm)	
ACCESSORIES	Basic	Remote Controller(include battery 2ea), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory cover				
	Optional	Speaker(SP-5000), Stand(ST-652T), Pixel sensor(KT-SP0), Media player, OPS Kit(KT-OPSA), HD Base T(EB-B100)				
WARRANTY		3-Year Limited Warranty Parts/Labor/Backlight | Extended warranty options are also available				
OTHER	UPC	719192196667	719192196650	719192196643	719192196636	719192196629

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Lincolnshire, IL 60069

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Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: info@LGsolutions.com

LG_SPEC_SM5B Series_051512_g

LG Life's Good
LGsolutions.com

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