Specifications

SM5B Series

|		65SM5B	55SM5B	49SM5B	43SM5B	32SM5B
PANEL	Screen Size	65	55	49	43	32
	Panel Technology	IPS (PD)				
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	450cd/m²	450cd/m²	450cd/m²	450cd/m²	400cd/m²
	Contrast Ratio	1,300:1	1,100:1	1,100:1	1,100:1	1,100:1
	Dynamic CR	4,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1	2,000,000:1
	Viewing Angle (H x V)	178 x 178				
	Response Time	10ms (G to G BW), 7.6ms (WOT)	12ms (G to G BW), 9.0ms (WOT)	12ms (G to G BW), 10.1ms (WOT)	12ms (G to G BW), 9.4ms (WOT)	10ms (G to G BW), 7.1ms (WOT)
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1 % (Typ.))				
	Guaranteed Operating Hour	24 Hours				
	Orientation	Portrait & Landscape				
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio, USB 3.0, SD card				
	Output	DP, Audio, External Speaker				
	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor				
PHYSICAL SPECIFICATION	Bezel Color	Black				
	Bezel Width	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	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)	1,456.9 x 838 x 41.1mm	1,238 x 714.9 x 38.6mm	1,102.2 x 638.5 x 38.6mm	969.6 x 563.9 x 38.6mm	729.4 x 428.9 x 55.5mm
	Weight (Head)	27.7kg	17.3kg	14.1kg	9.8kg	5.2kg
	Weight (Head + Stand)	32.9kg	20.6kg	17.4kg	12.3kg	6kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,456.9 x 898.1 x 293.7mm	1,238 x 773.4 x 219.6mm	1,102.2 x 696.8 x 219.6mm	969.6 x 622.2 x 193mm	729.4 x 481 x 154.2mm
	Weight (Head + Stand + Speaker)	33.4kg	21.1kg	17.9kg	12.8kg	6.5kg
	Carton Dimensions (W x H x D)	1,561 x 977 x 190mm	1,330 x 807 x 170mm	1,197 x 760 x 166mm	1,052 x 650 x 123mm	810 x 510 x 132mm
	Packed Weight	33.6kg	21.5kg	17.2kg	12.4kg	6.5kg
	VESA™ Standard Mount Interface	300 x 300mm	300 x 300mm	300 x 300mm	200 x 200mm	200 x 200mm
SPECIAL FEATURES		Temperature Sensor, ISM Method, Wi-Fi (802.11n combo built-in), USB Cloning, Contents Scheduling, Sync Mode, PM Mode, Local Time Auto Setting, Overlay Touch, Wake on LAN, *Pivote Mode, Content Rotation, Fail Over, *BEACON On/Off, *Embedded Template				
ENVIRONMENTAL CONDITIONS	Operating Temperature Range	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃
	Operating Humidity Range	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %
POWER	Power Supply	100-240V~, 50/60Hz				
	Power Type	Built-In Power				
POWER CONSUMPTION	Typ.	120W	100W	85W	75W	60W
	Smart Enegy Saving	85W	70W	60W	55W	45W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	NA/NA	NA/Yes	NA/Yes	NA/Yes	NA/Yes
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes				No
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	No
SOFTWARE COMPATIBILITY	SuperSign W/Lite	Yes				
	SuperSign C	Yes				
ACCESSORY	Basic	Remote Controller (2 batteries included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory Cover				
	Optional	Speaker (SP-5000), Stand (ST-652T), Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit, HDBaseT	Speaker (SP-5000), Stand (ST-492T), Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit, HDBaseT	Speaker (SP-5000), Stand (ST-492T), Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit, HDBaseT	Speaker (SP-5000), Stand (ST-432T), Wall bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit, HDBaseT	Speaker (SP-5000), Stand (ST-322T), Wall bracket (LSW230B), OPS Kit, HDBaseT

Connectivity

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
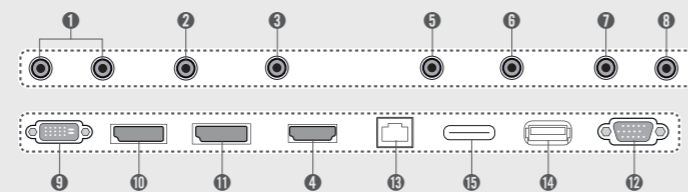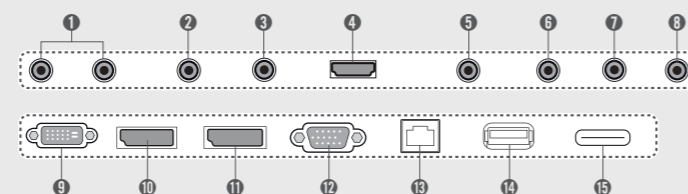
Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5B Series

The SM5B Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. Its built-in Wi-Fi and SoC reduces the total cost of ownership and simplifies installation, which allows you to manage content more conveniently.
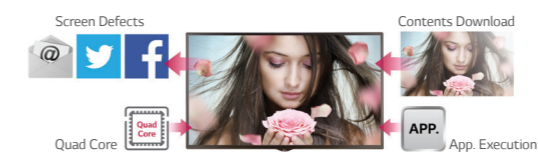
Key Features

Smart Platform

Quad Core SoC*

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

Screen Defects   Contents Download

Quad Core   App. Execution

*System-on-Chip

webOS 2.0

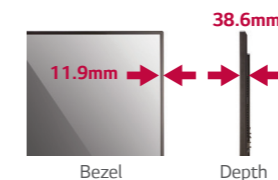The webOS 2.0 platform provides powerful and convenient tools to create, including app development materials.

Enhanced Design Configuration

Slim

Slimmer Bezel & Depth

The thinner bezel & depth allows a perfect fit for a sleek look.

11.9mm
38.6mm
Bezel   Depth

Detachable Logo

The detachable logo allows for installation in the desired orientation in landscape or portrait mode.

Cable Management

The well-organized cable terminals in the back optimize available space.

Built-in IR Receiver

This receiver is very space efficient with features that are detachable and adjustable to suit your environment.

LG Life's Good

Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5B Series

IPS | **24hr/7days** | **SuperSign** | **webOS** 2.0

Screen Sizes
65"/55"/49"/43"/32"

SM5B Series
- Brightness : 450 cd/m^2 (32" 400cd/m^2)
- Bezel : Top/Left/Right 11.9mm (Bottom 18.0mm)
- Depth : 38.6mm
- Interface : HDMI/DVI/RGB/RJ45/IR, Daisy-Chain (DP, RS232C)

Invest with your **future**

Key Features

Built-in Wi-Fi

Mirroring
Content sharing is more convenient on a Wi-Fi network.

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

Support WPA2
Device 1 / Device 2

Simple Installation
Installation has been simplified by removing the external media player and Ethernet/RS232C cables.

Exchange Rates
SoC
Wi-Fi : (removing Ethernet or RS232C cables)
802.11n (2.4GHz/5GHz)
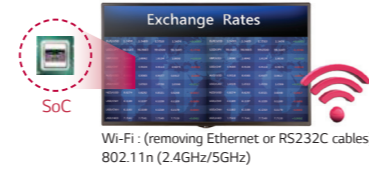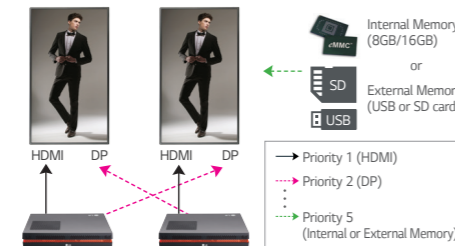
Enhanced Maintenance

Dust & Humidity Protection
Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.
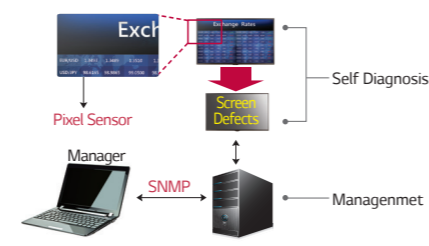
Advanced Failover
Enables content in the internal or external memory to be displayed without dead spots when none of the external inputs is working. The monitor performs the signal switching automatically.

Internal Memory (8GB/16GB)
or
External Memory (USB or SD card)
SD / USB
HDMI DP / HDMI DP
→ Priority 1 (HDMI)
⋯▶ Priority 2 (DP)
⋯▶ Priority 5 (Internal or External Memory)

Screen Fault Detection
Detects screen failure and sends an alert log by email.

Exch
Pixel Sensor
Screen Defects
Self Diagnosis
Manager
SNMP
Managenmet

Supportive Convenience

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

Up to 30% OFF
BEACON SALE women's accessories
Receive BEACON Signal
Retrive Coupon data
Display
Provide a Coupon
Up to 30% OFF Coupon

OPS* 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 the OPS.
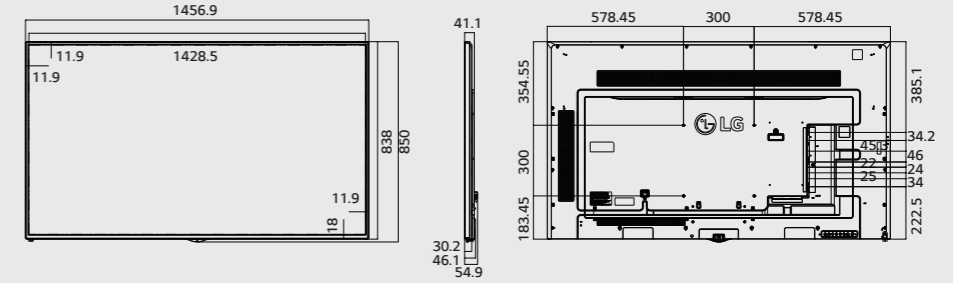
Connect With 80pin
Piggy back
SM5B
OPS Kit (Optional)
OPS Player (Third-party)
or
HDBaseT Box (EB-B100)

*OPS : Open Pluggable Specification

Dimension (unit : mm)

65"
1,456.9 x 838 x 41.1 / 27.7kg

1456.9 | 1428.5 | 11.9 | 11.9 | 838 | 850 | 11.9 | 18 | 41.1 | 30.2 | 46.1 | 54.9
578.45 | 300 | 578.45 | 354.55 | 385.1 | 300 | 183.45 | 222.5 | 45.3 | 26.3 | 34.2 | 46 | 25 | 24 | 34

55"
1,238 x 714.9 x 38.6 / 17.3kg

1238 | 1209.6 | 11.9 | 11.9 | 714.9 | 727 | 11.9 | 18 | 38.6 | 27.7 | 43.6 | 52.4
468.96 | 300 | 469.04 | 231.4 | 288.9 | 300 | 183.5 | 222.5 | 39 | 45.3 | 25 | 26.3 | 33.9 | 34
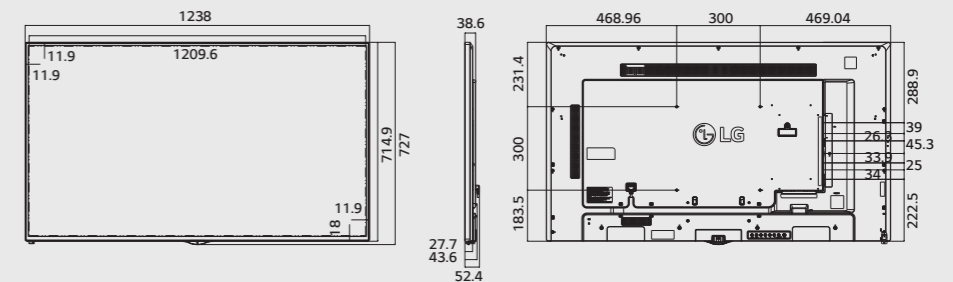
49"
1,102.2 x 638.5 x 38.6 / 14.1kg

1102.2 | 1073.78 | 11.9 | 11.9 | 638.5 | 650.5 | 11.9 | 18 | 38.6 | 27.7 | 43.6 | 52.4
401.05 | 300 | 401.13 | 154.8 | 212.3 | 300 | 183.7 | 222.7 | 39 | 45.3 | 25 | 26.3 | 33.9 | 34

43"
969.6 x 563.9 x 38.6 / 9.8kg

969.6 | 941.2 | 11.9 | 11.9 | 563.9 | 576.4 | 11.9 | 18 | 38.6 | 27.7 | 43.6 | 52.4
384.76 | 200 | 384.8 | 170.2 | 137.7 | 200 | 193.7 | 222.7 | 39 | 45.3 | 25 | 26.3 | 33.9 | 34

32"
729.4 x 428.9 x 55.5 / 5.2kg

729.4 | 698.4 | 13 | 13 | 428.9 | 441.4 | 18 | 13 | 55.5 | 32.1 | 60.5 | 66.8
264.7 | 200 | 264.7 | 121.25 | 45.95 | 200 | 144.15 | 179.45 | 39 | 45.3 | 25 | 26.3 | 33.9 | 34