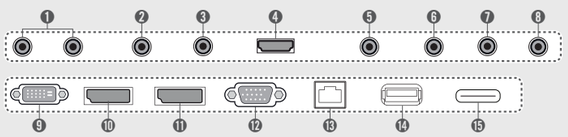
Specifications

SM3C Series		55SM3C-B	49SM3C-B	43SM3C-B
PANEL	Screen Size	55 " (54.6" Diag)	49 " (48.5" Diag)	43 " (42.5" Diag)
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	16:9	16:9	16:9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness	350 cd/m²	350 cd/m²	350 cd/m²
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	1 ms (G to G), 8 ms (MPRT)	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1% (Typ.))		
	Life time (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)	50,000 Hrs (Typ.)
	Operating Hour	18 Hrs	18 Hrs	18 Hrs
	Orientation	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio in		
	Output	DP, Audio, External Speaker out		
	External Control	RS232C, RJ45, IR receiver, Pixel Sensor, USB 3.0, SD card		
PHYSICAL SPECIFICATION (mm / inches)	Bezel Color	Black	Black	Black
	Bezel Width	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)	11.9 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	1,238 x 714.9 x 38.6 mm/ 48.7 x 28.1 x 1.52"	1,102.2 x 638.5 x 38.6 mm/43.4 x 25.1 x 1.52"	969.6 x 563.9 x 38.6 mm/38.2 x 22.2 x 1.52"
	Weight (Head)	17.3 kg / 38.1lb	14.1 kg / 31.1lb	9.8 kg / 21.6lb
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,238 x 773.4 x 219.6 mm/48.7 x 30.4 x 8.65"	1,102.2 x 696.8 x 219.6 mm/43.4 x 27.4 x 8.65"	969.6 x 622.2 x 193 mm/38.2 x 24.5 x 7.70"
	Weight (Head + Stand + Speaker)	21.1 kg / 46.5lb	17.9 kg / 39.5lb	12.8 kg / 28.2lb
	Carton Dimensions (W x H x D)	1,330 x 807 x 170 mm / 52.4 x 31.8 x 6.69"	1,197 x 760 x 166 mm / 47.1 x 29.9 x 6.54"	1,052 x 650 x 123 mm / 41.4 x 25.6 x 4.84"
	Packed Weight	21.5 kg / 46.5lb	17.2 kg / 37.9lb	12.4kg / 27.3lb
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm
SPECIAL FEATURES		Temperature Sensor, Auto Brigtness Sensor, Tile Mode (Up to 15x15), DPM Select, DPM wake up, Energy saving, Smart Energy Saving, File Play with USB, PIP/PBP (2), Internal Memory (8 GB), USB Cloning, Easy Brightness Control, Holiday Schedule, Limited Mode, Wake on LAN, Failover, Mirroring, BEACON, Embedded Template		
ENVIRONMENTAL CONDITIONS	Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operating Humidity	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Type	Built-in Power	Built-in Power	Built-in Power
POWER CONSUMPTION	Typ.	95W	80W	70W
	Max	110W	95W	85W
	Smart Energy Saving	68W	58W	52W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA / ENERGY STAR® Qualified	NA / ENERGY STAR® Qualified	NA / ENERGY STAR® Qualified
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign W /Lite	Yes	Yes	Yes
	SuperSign C	Yes	Yes	Yes
ACCESSORIES	Basic	Remote Controller (2ea batteries included), Power cord, QSG, RGB cable, Regulation book, Phone to RS232C gender, Memory cover		
	Optional	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-432T), Pixel sensor (KT-SP0), Media player, OPS Kit (KT-OPSA), HDBaseT (EB-B100)
UPC		7 191926 0905 1	7 191926 0904 4	7 19192 60903 7

Connectivity

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

55SM3C / 49SM3C / 43SM3C



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All screen images are simulated. Dimension and weights are approximate.
Design, features and specifications subject to change without notice.
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LG Life's Good

Easy Content Creation and Management Solution

Standard Performance SM3C Series

The SM3C Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently. The SM3C series strengthens capability in supporting various network-based protocols.

Key Features

All images on screen are simulated.

Smart Platform

Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback.

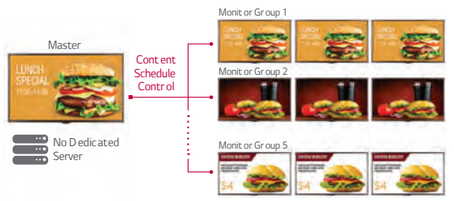
*System-on-Chip

webOS 3.0

The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.

Group Manager

Content can be created, distributed and controlled by a signage without a dedicated PC or server.



PBP (Picture-By-Picture) / PIP (Picture-In-Picture)

PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.

LG Life's Good

Easy Content Creation and Management Solution

Standard Performance SM3C Series

Screen Sizes

55”/49”/43”

SM3C Series

- Brightness : 350 cd/m²
- Bezel : Top/Left/Right 11.9 mm (Bottom 18.0 mm)
- Depth : 38.6 mm
- Interface : HDMI / DVI / DP / RGB / RJ45 /IR / RS232C / SD Card / USB
- 3 Year Limited Warranty

IPS 18/7 webOS 3.0 SUPERSIGN

Key Features

Support Network Protocol

IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

Secure Communication Protocol

By supporting HTTPS* protocol, communication between server and signage is more secure.

*Hyper text Transfer Protocol over Secure Socket Layer

Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking ces from other servers.)

Built-in Wi-Fi

Mirroring

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

Soft AP

The SM3C with Soft AP software can operate as a wireless access point for mobile devices.

Simple Installation

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

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

Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by SM3C*, retail stores can provide coupons and information in real time.

*SM3C is enhanced to support ibeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013 ***
Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015

Enhanced Maintenance

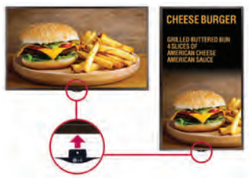
Dust & Humidity Protection

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

Industrial Design

Detachable logo

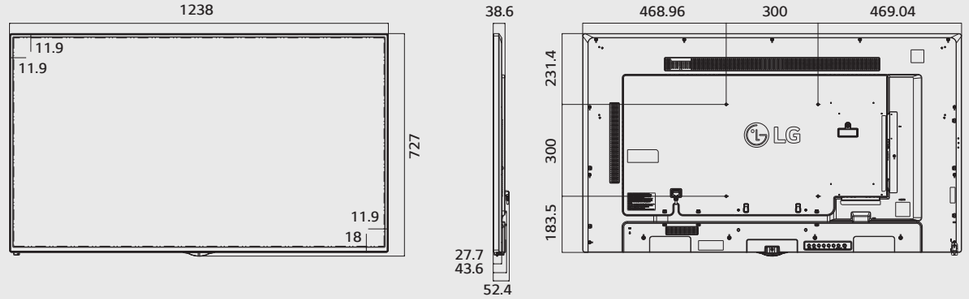
The detachable logo allows for installation in the desired orientation: landscape or portrait mode.



Dimensions (unit: mm)

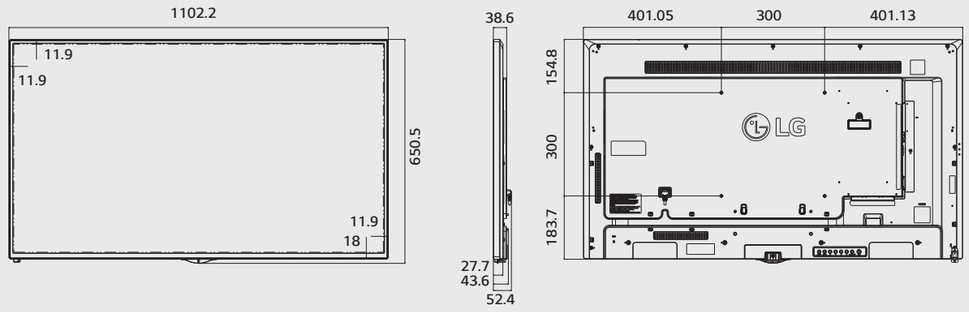
55”

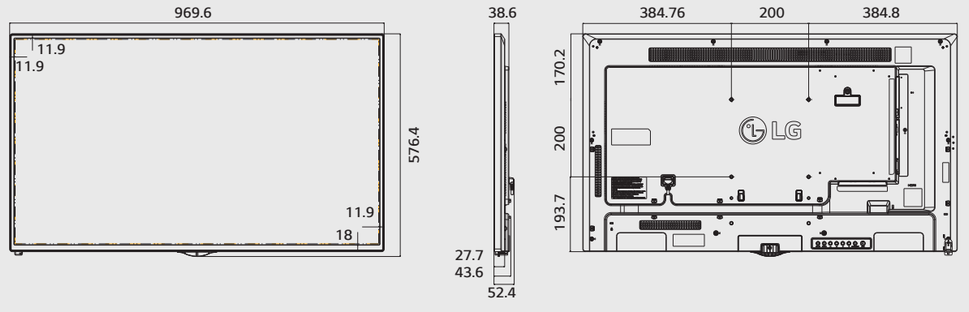
1,238 x 714.9 x 38.6 / 17.3 kg



49”

1,102.2 x 638.5 x 38.6/ 14.1 kg



43”

969.6 x 563.9 x 38.6 / 9.8 kg