Specifications

SM5C Series

		65SM5C	55SM5C	49SM5C	43SM5C	32SM5C
PANEL	Screen Size	65	55	49	43	32
	Panel Technology	IPS				
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	450 cd/m²				400 cd/m²
	Viewing Angle (H x V)	178 x 178				
	Response Time	10 ms (G to G BW), 7.6 ms (WOT)	12 ms (G to G BW), 9.0 ms (WOT)	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)	10 ms (G to G BW), 7.1 ms (WOT)
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1 % (Typ.))				
	Life time (Typ.)	50,000 hrs (Typ.)				
	Guaranteed Operating Hour	24 hrs				
	Orientation	Portrait & Landscape				
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio, SD card				
	Output	DP, Audio, External Speaker				
	External Control	RS232C in/out, RJ in, IR Receiver, Pixel Sensor, USB 3.0, SD Card				
PHYSICAL SPECIFICATION	Bezel Color	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)	11.9mm (T/R/L), 18 mm (B)	13 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	1,456.9 x 838 x 41.1 mm	1,238 x 714.9 x 38.6 mm	1,102.2 x 638.5 x 38.6 mm	969.6 x 563.9 x 38.6 mm	729.4 x 428.9 x 55.5 mm
	Weight (Head)	27.7 kg	17.3 kg	14.1 kg	9.8 kg	5.2 kg
	Weight (Head + Stand)	32.9 kg	20.6 kg	17.4 kg	12.3 kg	6 kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,456.9 x 898.1 x 293.7 mm	1,238 x 773.4 x 219.6 mm	1,102.2 x 696.8 x 219.6 mm	969.6 x 622.2 x 193 mm	729.4 x 481 x 154.2 mm
	Weight (Head + Stand + Speaker)	33.4 kg	21.1 kg	17.9 kg	12.8 kg	6.5 kg
	Carton Dimensions (W x H x D)	1,561 x 977 x 190 mm	1,330 x 807 x 170 mm	1,197 x 760 x 166 mm	1,052 x 650 x 123 mm	810 x 510 x 132 mm
	Packed Weight	33.6 kg	21.5 kg	17.2 kg	12.4 kg	6.5 kg
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm
SPECIAL FEATURES		Temperautre 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	0°C to 40°C	0°C to 40°C
	Operating Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply	100-240 V~, 50/60 Hz				
	Power Type	Built-In Power				
	Power Switch	No				
POWER CONSUMPTION	Typ.	120 W	100 W	85 W	75 W	60 W
	Smart Energy Saving	85 W	70 W	60 W	55 W	45 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	N/A / Yes (Energy Star 7.0)				N/A / Yes (Energy Star 6.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes				
	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 (included 2ea batteries), 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, Wall bracket (LSW350B), VESA Adapter (AMB330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-432T), Pixel sensor (KT-SP0), Media player, Wall bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-322T), Pixel sensor (KT-SP0), Wall bracket (LSW230B), OPS Kit (KT-OPSA), HDBaseT (EB-B100)

Connectivity

❶ SPEAKER OUT
❷ IR & LIGHT SENSOR
❸ PIXEL SENSOR
❹ HDMI
❺ RS-232C IN
❻ RS-232C OUT
❼ AUDIO IN
❽ AUDIO OUT
❾ DVI-D IN
❿ DP IN
⓫ DP OUT
⓬ RGB IN
⓭ LAN
⓮ USB 3.0
⓯ SD

65SM5C

55SM5C / 49SM5C / 43SM5C / 32SM5C

ENERGY STAR

HDMI — HIGH-DEFINITION MULTIMEDIA INTERFACE
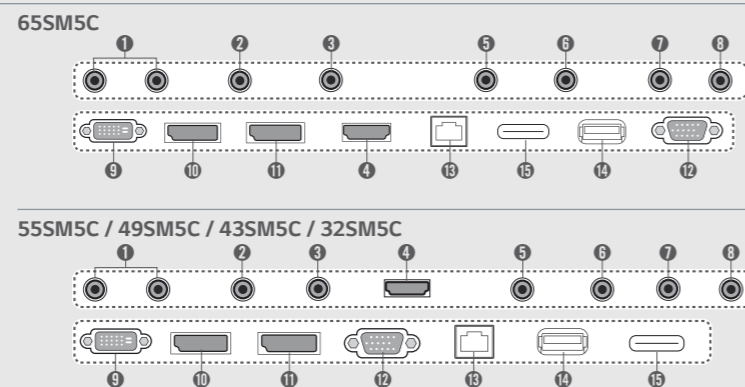
Learn more www.lg.com/b2b or www.lgcommercial.com
▶ YouTube youtube.com/c/LGECommercialDisplay

LG
Life's Good

Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5C Series

BIG BURGER SET
$6

LUNCH SPECIAL

CHEESE BURGER
$4

BURGERS   DRINKS

FRIES & MORE

CHEESE BURGER
GRILLED BUTTERED BUN
4 SLICES OF AMERICAN CHEESE
AMERICAN SAUCE
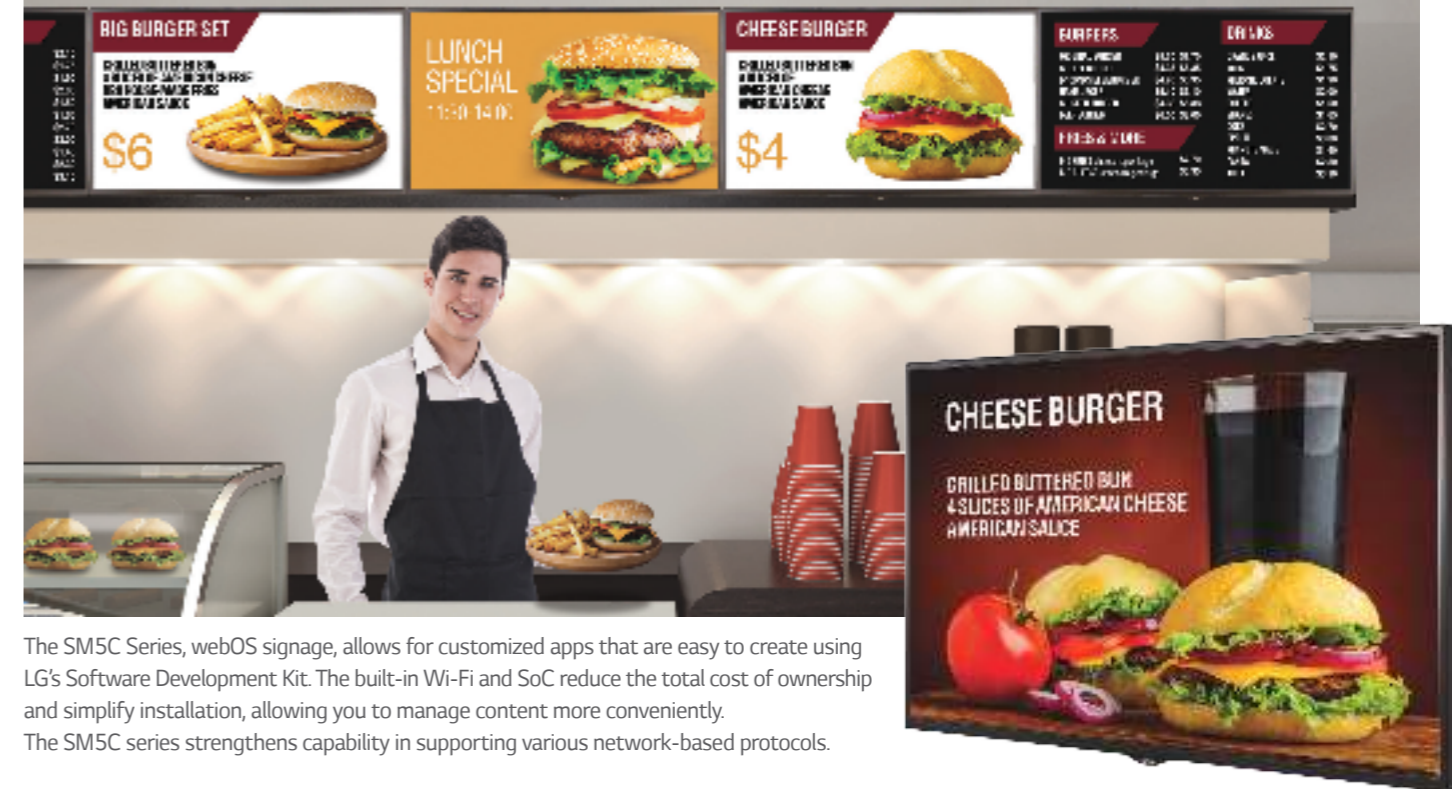
The SM5C Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.
The SM5C series strengthens capability in supporting various network-based protocols.

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

Content Download
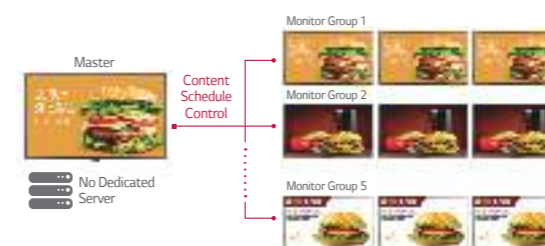
Quad Core

App. Execution

*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.

Master
Content Schedule Control
No Dedicated Server
Monitor Group 1
Monitor Group 2
Monitor Group 5

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.

PBP (Picture-By-Picture)

PIP (Picture-In-Picture)

LG
Life's Good

Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5C Series

Screen Sizes

65"/55"/49"/43"/32"

SM5C Series
- Brightness: 450 cd/m² (32" 400 cd/m²)
- Bezel: Top/Left/Right 11.9 mm (Bottom 18.0 mm)
- Depth: 38.6 mm
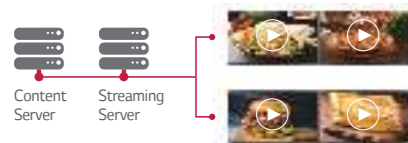- Interface: HDMI, DVI, DP, RGB, RJ45, IR, RS232C, SD Card, USB

IPS | 24hr/7days | SuperSign | webOS 3.0

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*.

Content Server   Streaming Server

*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.

*HTTPS: Hypertext 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 resources from other servers.)

Web Server   Web Proxy Sever   Administator

Built-in Wi-Fi

Mirroring

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

Soft AP

The SM5C 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.

SoC

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 SM5C*, retail stores can provide coupons and information in real time.

Receive BEACON Signal → Retrive Coupon Data → Provide a Coupon

*SM5C 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.
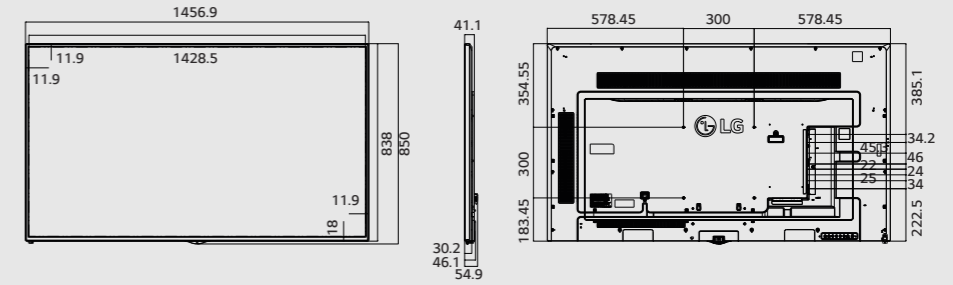
Industrial Design

Detachable logo

The detachable logo allows for installation in the desired orientation: landscape or portrait mode.
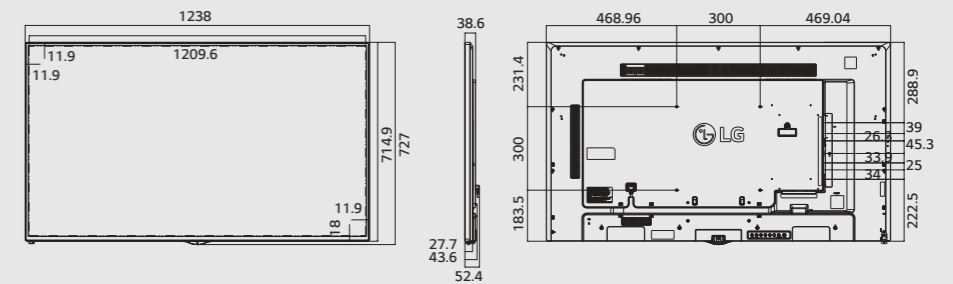
Dimensions (unit: mm)
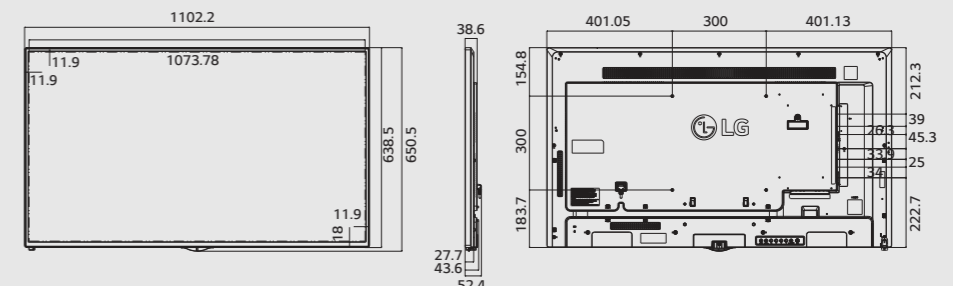
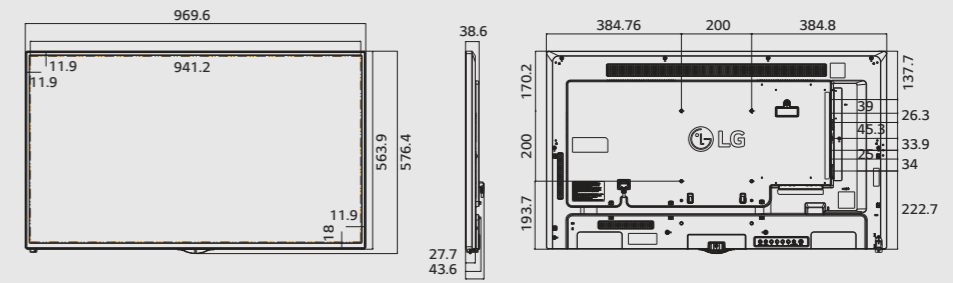### 65"
1,456.9 x 838 x 41.1 /
27.7 kg

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 | 34.2 | 46 | 22.2 | 24 | 34 | 25

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

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 | 26.3 | 33.9 | 25 | 34

49"
1,102.2 x 638.5 x 38.6 /
14.1 kg

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

43"
969.6 x 563.9 x 38.6 /
9.8 kg

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 | 26.3 | 33.9 | 34

32"
729.4 x 428.9 x 55.5 /
5.2 kg

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