Specifications

SM5KC Series

		65SM5KC	55SM5KC	49SM5KC	43SM5KC	32SM5KC
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 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)
	Audio Power	20 W (10 W x 2) for Internal Speaker (6 ohm)				
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 IR & LIGHT SENSOR
❷ PIXEL SENSOR
❸ HDMI
❹ RS-232C IN
❺ RS-232C OUT
❻ AUDIO IN
❼ AUDIO OUT
❽ DVI-D IN
❾ DP IN
❿ DP OUT
⓫ RGB IN
⓬ LAN
⓭ USB 3.0
⓮ SD

65SM5KC

55SM5KC / 49SM5KC / 43SM5KC / 32SM5KC
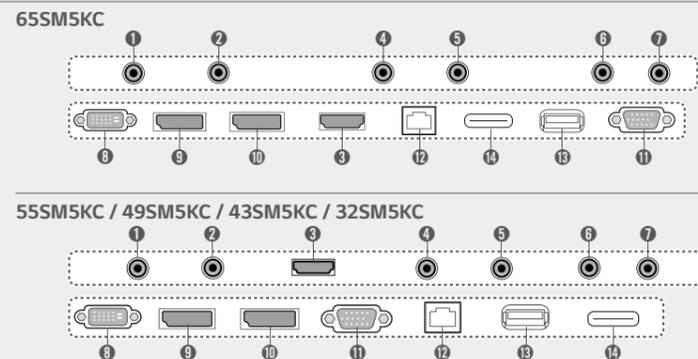
Learn more www.lg.com/b2b or www.lgcommercial.com
YouTube youtube.com/c/LGECommercialDisplay

LG Life's Good

Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5KC Series
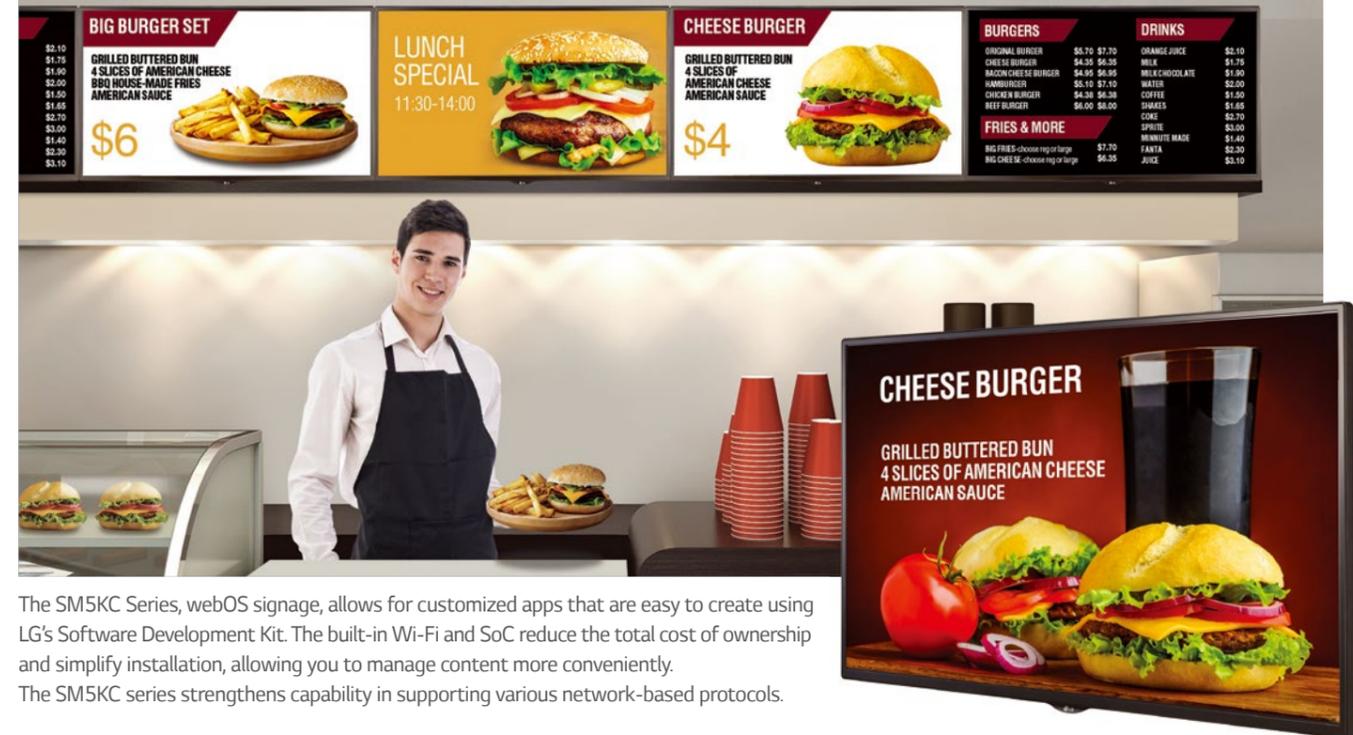
The SM5KC Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.
The SM5KC series strengthens capability in 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. 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 — Monitor Group 1 / Monitor Group 2 / Monitor Group 5

No Dedicated 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.

PBP (Picture-By-Picture)

PIP (Picture-In-Picture)

LG Life's Good

Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5KC Series

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

10W x 2
Built-in Speaker

Back Side

IPS | SUPERSIGN™ | webOS 3.0

SM5KC 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
- Built-in Speaker : 10W + 10W

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 SM5KC 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 SM5KC*, retail stores can provide coupons and information in real time.

### 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.

* SM5KC 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
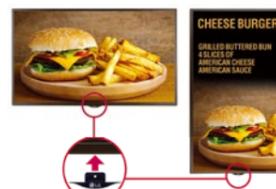
Dimensions (unit: mm)
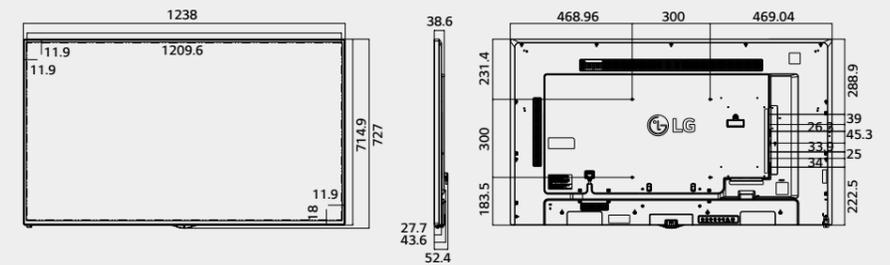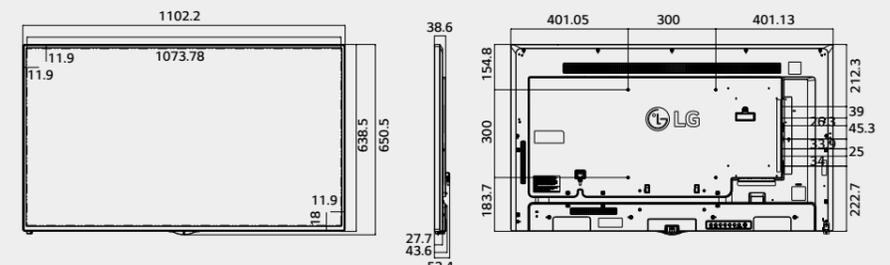
65"
1,456.9 x 838 x 41.1 /
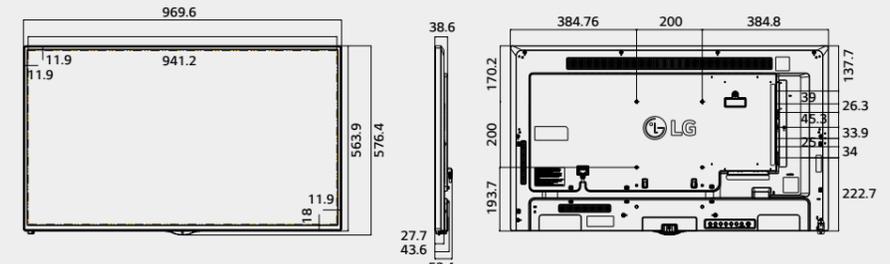27.7 kg
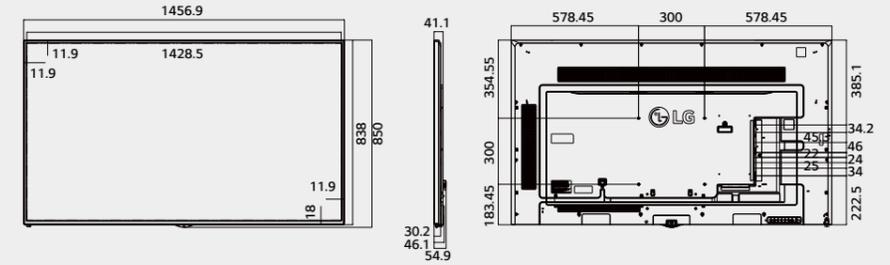
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