

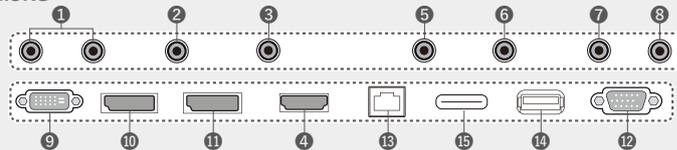
Specifications

SM5KC Series		65SM5KC	55SM5KC	49SM5KC	43SM5KC	32SM5KC
PANEL	Screen Size	65" (164cm)	55" (139cm)	49" (123cm)	43" (108cm)	32" (80cm)
	Panel Technology	IPS				
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	450 cd/m ²				400 cd/m ²
	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 polariser (Haze 1 % (Typ.))				
	Life time (Typ.)	50,000 hrs (Typ.)				
	Guaranteed Operating Hour	24 hrs				
CONNECTIVITY	Orientation	Portrait & Landscape				
	Input	HDMI (1), DP (1), DVI-D (1), RGB (1), Audio, SD card (1), USB 3.0 (1)				
	Output	DP, Audio, External Speaker				
PHYSICAL SPECIFICATION	External Control	RS232C in/out, RJ in, IR Receiver, Pixel Sensor				
	Bezel Colour	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)	11.9 mm (T/R/L), 18 mm (B)	13 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	1,457 x 838 x 41 mm	1,238 x 715 x 39 mm	1,102 x 639 x 39 mm	970 x 564 x 39 mm	729 x 429 x 56 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)	1,457 x 898 x 294 mm	1,238 x 773 x 220 mm	1,102 x 697 x 220 mm	970 x 622 x 193 mm	729 x 481 x 154 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
SPECIAL FEATURES	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm
		Temperature Sensor, Auto Brightness 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	AS/NZS 60950, CB Scheme				
	EMC	AS/NZS CISPR 22, RCM (Class A)				
	Energy Rating	N/A				
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				
ACCESSORIES	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-SPO), Media player, Wall bracket (LSW350B), VESA Adapter (AMB330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Speaker (SP-5000), Stand (ST-492T), Pixel sensor (KT-SPO), 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-SPO), 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-SPO), 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-SPO), OPS Kit (KT-OPSA), HDBaseT (EB-B100)

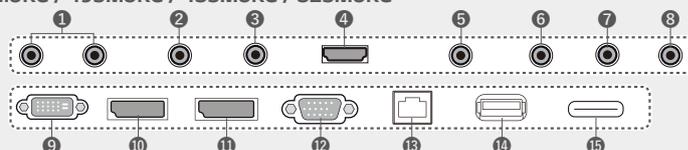
Connectivity

- 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

65SM5KC

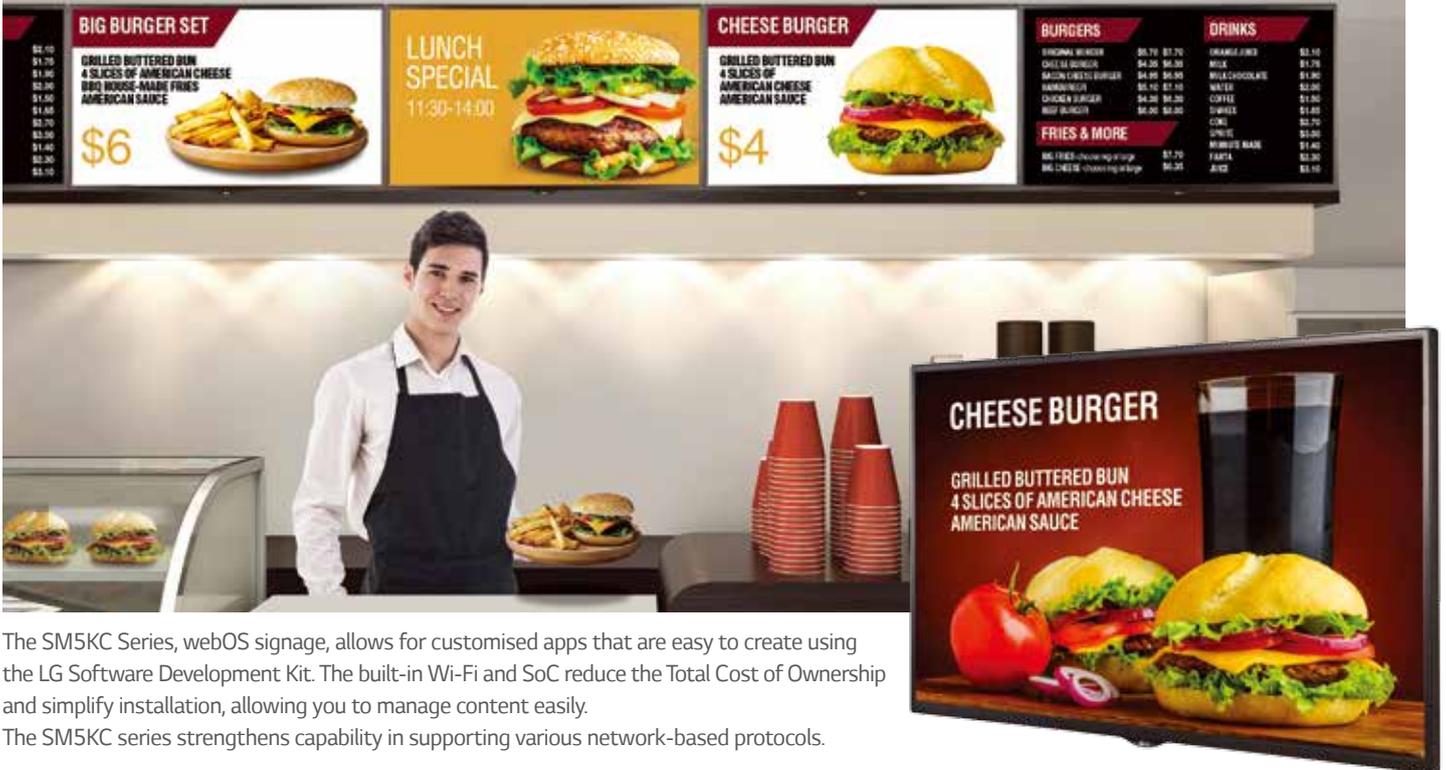


55SM5KC / 49SM5KC / 43SM5KC / 32SM5KC



Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KC Series



The SM5KC Series, webOS signage, allows for customised apps that are easy to create using the LG Software Development Kit. The built-in Wi-Fi and SoC reduce the Total Cost of Ownership and simplify installation, allowing you to manage content easily. The SM5KC series strengthens capability in supporting various network-based protocols.

Key Features

Smart Platform



Quad Core SoC*

Built into this signage is a Quad Core Processor. This is the engine behind the webOS platform that allows fast loading of apps and menu's, as well as multi-tasking between apps. The result? Quick access to content and smooth playback.



*System-on-Chip

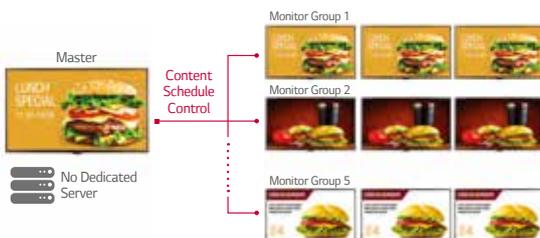
webOS_{3.0}

With webOS 3.0 you can build apps and construct your own customised signage solutions using the LG Software Development Kit (SDK) and display logos during screen idle time (i.e. boot up, lost signal).



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.



Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KC Series



Screen Sizes

- 65" (164cm)
- 55" (139cm)
- 49" (123cm)
- 43" (108cm)
- 32" (80cm)

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



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*.



*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.)



Built-in Wi-Fi

Mirroring

This signage has built-in Wi-Fi and the ability to mirror your Miracast enabled smartphone's screen, so you can share content on a Wi-Fi network.



Soft AP

With SoftAp, the SM5KC signage can operate as a wireless access point for SoftAp enabled mobile devices.



Simple Installation

Easy to install as there is no external media player or Ethernet/RS232C cables required.



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.



*SM5KC is enhanced to support ibeacon** and Eddystone***
**iBeacon: Bluetooth Low Energy beacon profile released by Apple
***Eddystone: Bluetooth Low Energy beacon profile released by Google

Enhanced Maintenance

Dust & Humidity Protection

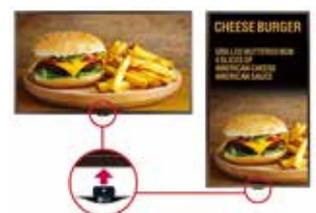
The SE5KC Series has been designed with the LG Conformal Coating to provide additional protection to circuit boards in harsh environments such as dust and humidity.



Industrial Design

Detachable logo

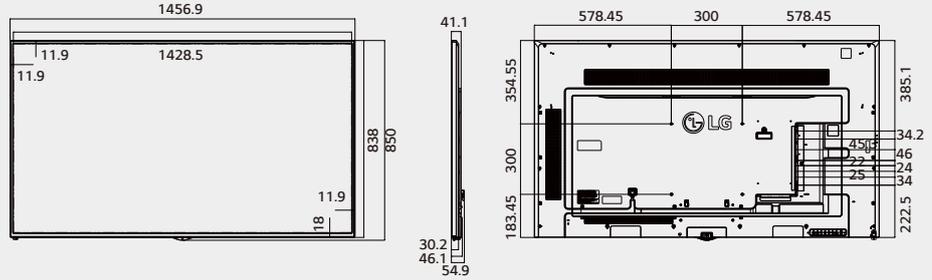
The detachable LG logo allows easy installation in Portrait or Landscape mode.



Dimensions (unit: mm)

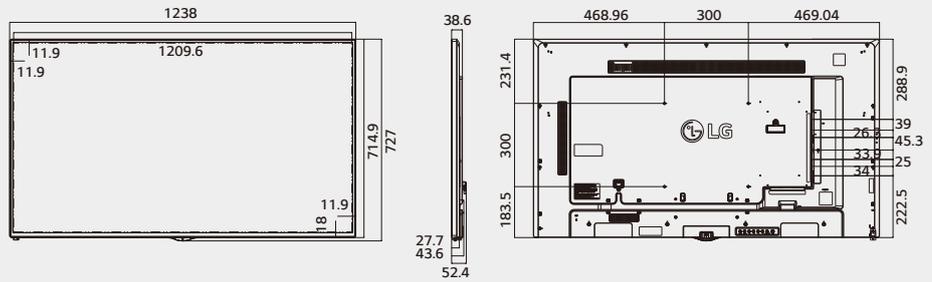
65"

1,456.9 x 838 x 41.1 /
27.7 kg



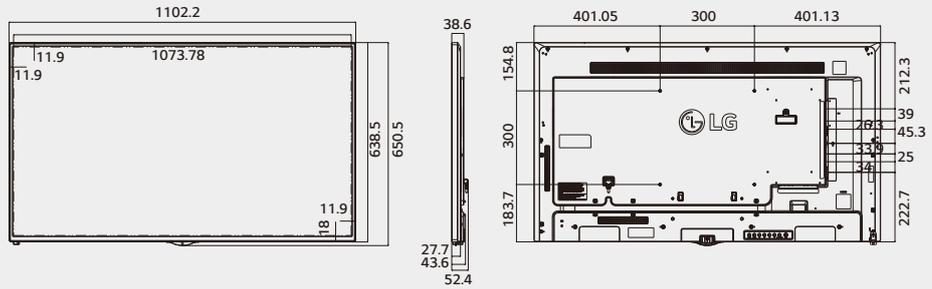
55"

1,238 x 714.9 x 38.6 /
17.3 kg



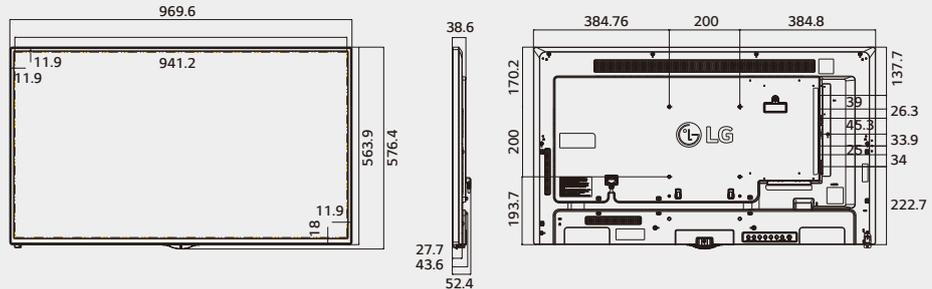
49"

1,102.2 x 638.5 x 38.6 /
14.1 kg



43"

969.6 x 563.9 x 38.6 /
9.8 kg



32"

729.4 x 428.9 x 55.5 /
5.2 kg

