

Standard Performance Digital Signage - SM5KD Series

Smart Platform with Quad Core SoC



The SM5KD Signage Series provides the ability to easily create customized apps using LG's Software Development Kit. This webOS 3.0 signage has built-in Wi-Fi and SoC* technologies, helping to simplify installation and conveniently manage content.

Key Features

Smart Platform



Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback without an external media player.



*System-on-Chip

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

The 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)



webOS 3.0+

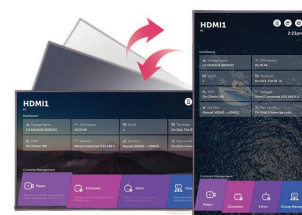
Integrated CMS (Contents Management System)

You can edit content, check your schedule and use group manager functions (among other functionality) without the need for a separate PC. This CMS enables one-stop, easy management of your signage.



Portrait & Landscape Mode

When using the SM5KD in portrait mode, the display adjusts to show the images without affecting the original ratio and resolution of the images.



EZ Setting

All of the unique functions on the SM5KD are indexed in EZ Setting, providing convenient access to these settings for efficient management.



Standard Performance Digital Signage - SM5KD Series

Smart Platform with Quad Core SoC



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



SM5KD Series

- Brightness : 450 cd/m² (32" 400 cd/m²)
- Bezel : T/L/R 11.9 mm (32" 13 mm), B 18.0 mm
- Depth : 56.5 mm (65"), 54 mm (55", 49", 43"), 55.5 mm (32")
- Interface : HDMI(2), DVI, DP, RGB, RJ45, IR, RS232C, USB
- Built-in Speaker : 10W + 10W

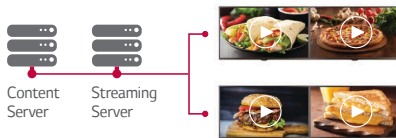


Key Features

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*.



*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

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



SoftAP

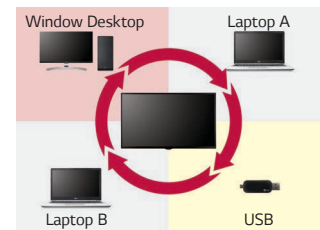
The SM5KD with SoftAP software can operate as a wireless access point for mobile devices.



Convenient Management

Enhanced Connectivity

Through its diverse interface, the signage lets you connect more than one device for optimal use.



Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by SM5KD*, retail stores can provide coupons and information in real time.



* SM5KD 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

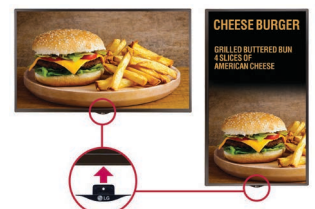
Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.



Industrial Design

Detachable logo

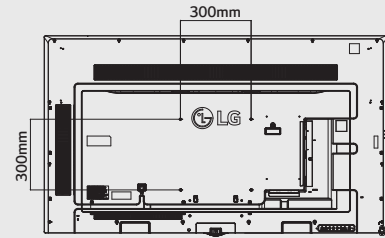
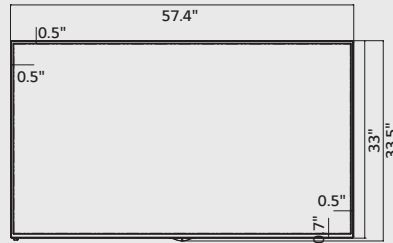
The detachable logo allows for installation in the desired orientation: landscape or portrait mode.



Dimension

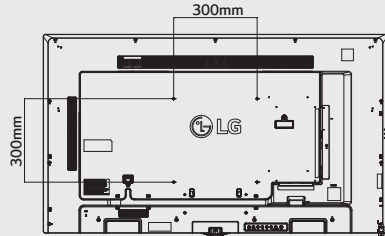
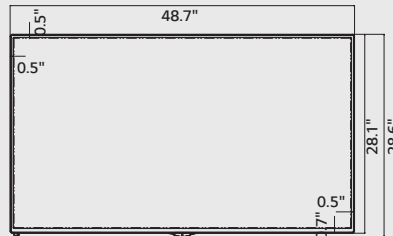
65" (64.5" diagonal)

57.4" x 33" x 2.2" /
61.5 lbs



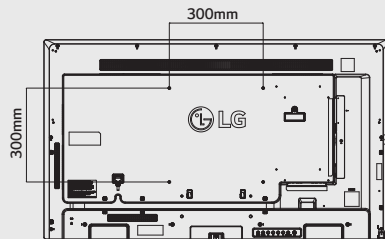
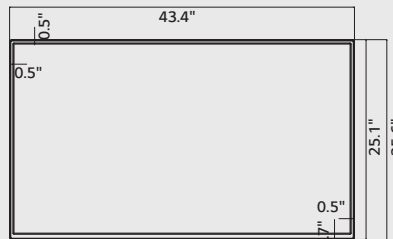
55" (54.6" diagonal)

48.7" x 28.1" x 2.1" /
38.6 lbs



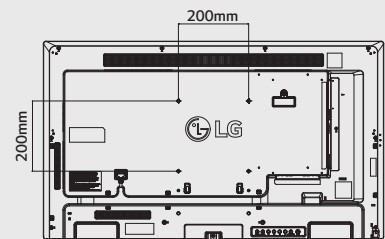
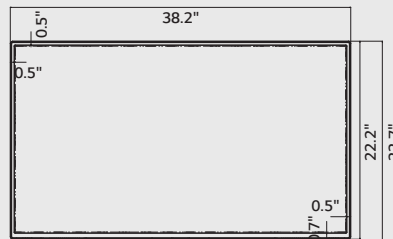
49" (48.5" diagonal)

43.4" x 25.1" x 2.1" /
31.5 lbs



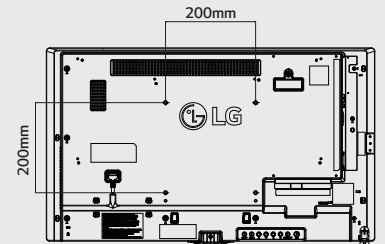
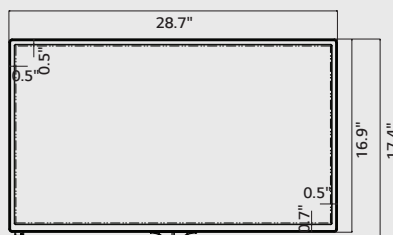
43" (42.5" diagonal)

38.2" x 22.2" x 2.1" /
22 lbs



32" (31.5" diagonal)

28.7" x 16.9" x 2.2" /
11.9 lbs



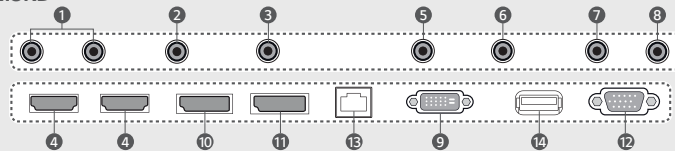
Specifications

| SM5KD Series | | 65SM5KD | 55SM5KD | 49SM5KD | 43SM5KD | 32SM5KD |
|----------------------------|--|---|---|---|---|--|
| 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/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 polarizer (Haze 1 % (Typ.)) | | | | |
| | Guaranteed Operating Hour | 24 hrs | | | | |
| | Orientation | Portrait & Landscape | | | | |
| CONNECTIVITY | Input | HDMI (2), DP, DVI-D, RGB, Audio, USB 3.0 | | | | |
| | Output | DP, Audio | | | | |
| | External Control | RS232C in/out, RJ in, IR Receiver, Pixel Sensor | | | | |
| 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) | 11.9 mm (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 35.4" x 2.2" | 48.7" x 28.1" x 2.1" | 43.4" x 25.1" x 2.1" | 38.2" x 22.2" x 2.1" | 28.7" x 16.9" x 2.2" |
| | Weight (Head) | 61.5 lbs | 38.6 lbs | 31.5 lbs | 22.2 lbs | 11.9 lbs |
| | Monitor with Optional Stand Dimensions (W x H x D) | 57.4" x 35.4" x 11.6" | 48.7" x 30.4" x 8.6" | 43.4" x 27.4" x 8.6" | 38.2" x 24.5" x 7.6" | 28.7" x 19" x 6.1" |
| | Weight (Head + Stand) | 73 lbs | 45.9 lbs | 38.8 lbs | 27.6 lbs | 13.7 lbs |
| | Carton Dimensions (W x H x D) | 61.5" x 38.5" x 7.5" | 52.4" x 31.8" x 6.7" | 47.1" x 29.9" x 6.5" | 41.4" x 25.6" x 4.7" | 31.9" x 20.1" x 5.2" |
| | Packed Weight | 74.5 lbs | 47.8 lbs | 38.4 lbs | 27.8 lbs | 14.8 lbs |
| | VESA™ Standard Mount Interface | 300 mm x 300 mm | | | 200 mm x 200 mm | |
| | SPECIAL FEATURES | 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, Fail Over, Mirroring, SoftAP, BEACON, Embedded Template | | | | |
| ENVIRONMENTAL CONDITIONS | Operating Temperature | 32°F to 104°F | | | | |
| | Operating Humidity | 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 | NA / Yes (Energy Star 7.0) | | | | |
| | 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) | | | | No |
| SOFTWARE COMPATIBILITY | SuperSign Premium | Yes | | | | |
| | SuperSign Link | Yes | | | | |
| ACCESSORIES | Basic | Remote Controller (included 2ea batteries), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory cover | | | | |
| | Optional | Stand (ST-652T), Pixel Sensor (KT-SPO), Media Player, Wall Bracket (LSW350B), VESA Adapter (AMB330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T651) | Stand (ST-492T), Pixel Sensor (KT-SPO), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T550) | Stand (ST-492T), Pixel Sensor (KT-SPO), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T490) | Stand (ST-432T), Pixel Sensor (KT-SPO), Media Player, Wall Bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T430) | Stand (ST-322T), Pixel Sensor (KT-SPO), Wall Bracket (LSW230B), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T320) |
| OTHER | Warranty | 2-Year Limited Warranty Parts/Labor | | | | |

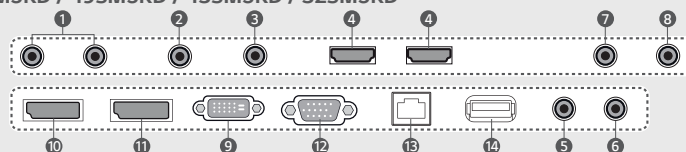
Connectivity

- 1 SPEAKER OUT
- 2 AUDIO IN
- 3 AUDIO OUT
- 4 HDMI
- 5 RS-232C IN
- 6 RS-232C OUT
- 7 PIXEL SENSOR
- 8 IR & LIGHT SENSOR
- 9 DVI-D IN
- 10 DP IN
- 11 DP OUT
- 12 RGB IN
- 13 LAN
- 14 USB 3.0

65SM5KD



55SM5KD / 49SM5KD / 43SM5KD / 32SM5KD



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