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.



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.



LG Business Solutions

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

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*.



*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

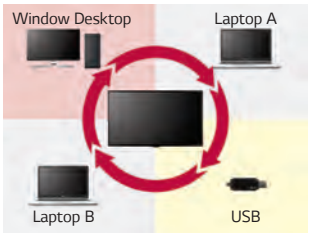
The SM5KD with SoftAP software can operate as a wireless access point for mobile devices.



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

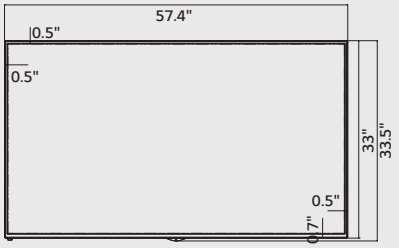
The detachable logo allows for installation in the desired orientation: landscape or portrait mode.



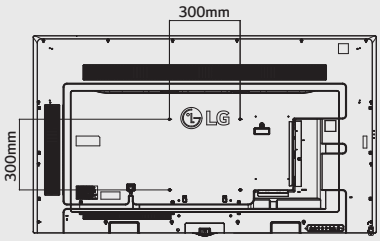
Dimension

65" (64.5" diagonal)

57.4" x 33" x 2.2" /
61.5 lbs

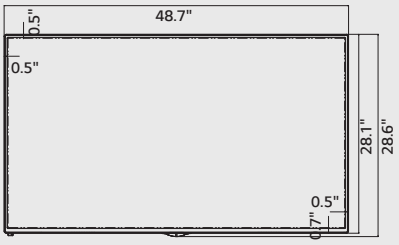




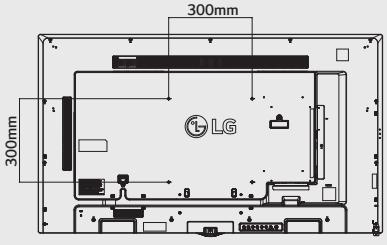


55" (54.6" diagonal)

48.7" x 28.1"x 2.1"/
38.6 lbs

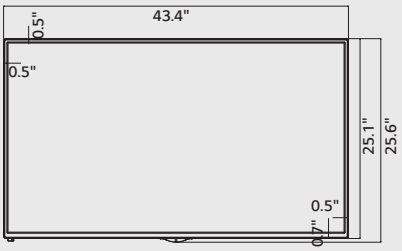




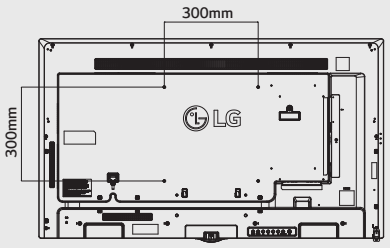


49" (48.5" diagonal)

43.4" x 25.1" x 2.1" /
31.5 lbs

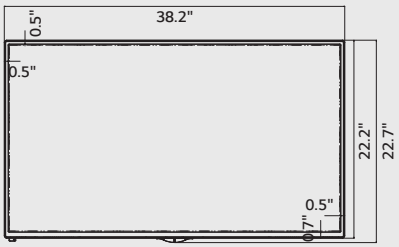




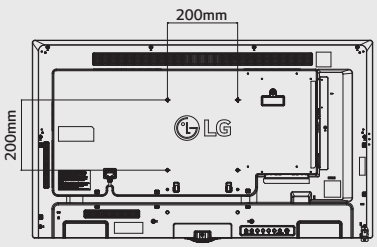


43" (42.5" diagonal)

38.2" x 22.2" x 2.1" /
22 lbs

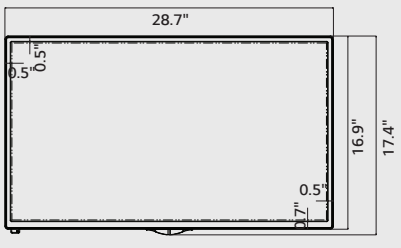




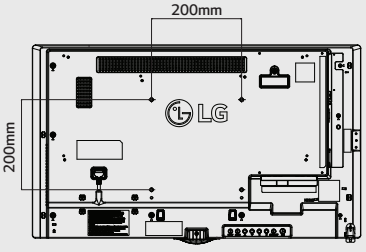


32" (31.5" diagonal)

28.7" x 16.9" x2.2" /
11.9 lbs







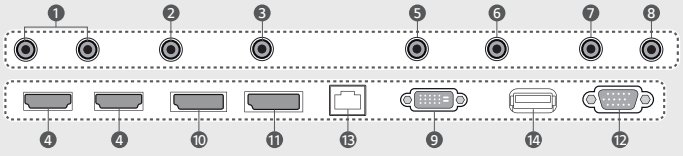
Specifications

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/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.))				
	Lifetime (typical)	50,000 hrs (typical)				
	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)	11.9mm (T/R/L), 18 mm (B)	13 mm (T/R/L), 18 mm (B)
	Monitor Dimension (W x H x D)	57.4" x 35.4" x 2.2"	48.7" x 28.1" x 2.1"	43.4" x 25.1 x2.1"	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 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, 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-SP0), Media Player, OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T651)	Stand (ST-492T), Pixel Sensor (KT-SP0), Media Player, OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T550)	Stand (ST-492T), Pixel Sensor (KT-SP0), Media Player, OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T490)	Stand (ST-432T), Pixel Sensor (KT-SP0), Media Player, OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T430)	Stand (ST-322T), Pixel Sensor (KT-SP0), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T320)
OTHER	Warranty	2-Year Limited Warranty Parts/Labor				

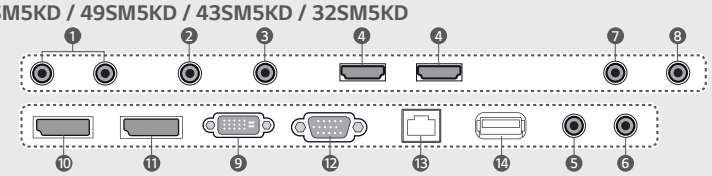
Connectivity

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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