

Specifications

SM5D Series		65SM5D	55SM5D	49SM5D	43SM5D	32SM5D
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), 8 ms (MPRT)	12 ms (G to G BW), 9 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.))				
CONNECTIVITY	Guaranteed Operating Hour	24 Hours				
	Orientation	Landscape & Portrait				
	Input	HDMI (2), DP, DVI-D, RGB, Audio				
PHYSICAL SPECIFICATION	Output	DP, Audio, External Speaker				
	External Control	RS232C in/out, RJ in, IR Receiver, Pixel Sensor, USB 3.0				
	Bezel Color	Black				
SPECIAL FEATURES	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
ENVIRONMENTAL CONDITIONS	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm
		Temperautre 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				
POWER CONSUMPTION	Operating Temperature Range	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 Range	10% to 80%	10% to 80%	10% to 80%	10% to 80%	10% to 80%
	Power Supply	100-240 V~, 50/60 Hz				
STANDARD (CERTIFICATION)	Power Type	Built-in Power				
	Power Switch	No				
	Typ.	120 W	100 W	85 W	75 W	60 W
MEDIA PLAYER COMPATIBILITY	Smart Energy Saving	85 W	70 W	60 W	55 W	45 W
	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
SOFTWARE COMPATIBILITY	ErP / Energy Star	NA / Yes (Energy Star 7.0)				
	OPS Type Compatible	Yes				
	External Media Player Attachable	Yes (MP500 / MP700)	Yes (MP500 / MP700)	Yes (MP500 / MP700)	Yes (MP500 / MP700)	No
ACCESSORIES	Content Management Software	SuperSign Premium				
	Control and Monitoring Software	SuperSign Link				
	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 (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T651)	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), Touch Overlay (KT-T550)	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), Touch Overlay (KT-T490)	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), Touch Overlay (KT-T430)	Speaker (SP-5000), Stand (ST-322T), Pixel Sensor (KT-SP0), Media Player, Wall Bracket (LSW230B), OPS Kit (KT-OPSA), HDBaseT (EB-B100), Touch Overlay (KT-T320)

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

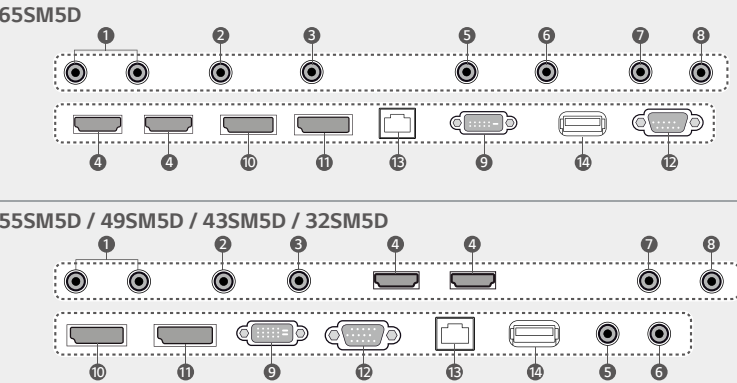
DP IN
- 11

DP OUT
- 12

RGB IN
- 13

LAN
- 14

USB 3.0



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Smart Platform Display with webOS 3.0+
Standard Performance SM5D Series



The SM5D Series, webOS 3.0+ 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 SM5D series strengthens capability in supporting various network-based protocols.

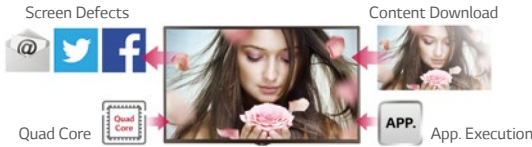
Key Features

Smart Platform



Quad Core SoC*

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



*System-on-Chip

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.



webOS 3.0+

Integrated CMS (Contents Management System)

You can edit contents, check your schedule, and use group manager function etc. without a separate PC. It is one-stop system that enables you to manage the signage.



Portrait & Landscape Mode

When using the signage in Portrait Mode, GUI tailored to Portrait Mode is provided without affecting images' original ratio and resolution.



EZ Setting

As all of its unique functions are indexed in EZ setting, you can enjoy convenient access to setting for efficient management.



Smart Platform Display with webOS 3.0+

Standard Performance SM5D Series



Screen Sizes

65", 55", 49", 43", 32"

SM5D Series

- Brightness: 450 cd/m² (32" 400 cd/m²)
- Bezel: T/L/R 11.9 mm (32" 13 mm), B 18.0 mm
- Depth: 38.6 mm (65" 41.1 mm, 32" 55.5 mm)
- Interface: HDMI (2) / DVI / DP / RGB / RJ45 / IR / RS232C / USB

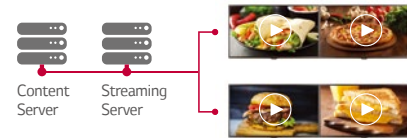


Key Features

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.



Soft AP

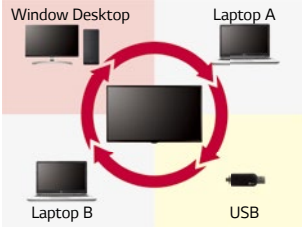
The SM5D with Soft AP software can operate as a wireless access point for mobile devices.



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 SM5D*, retail stores can provide coupons and information in real time.



*SM5D 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

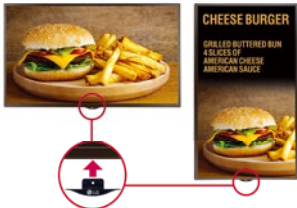
Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.



Industrial Design

Detachable logo

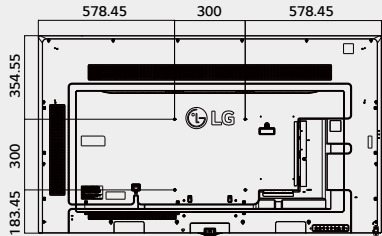
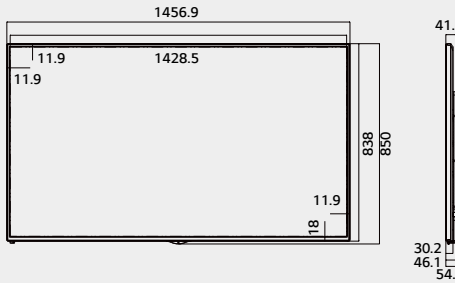
The detachable logo allows for installation in the desired orientation: landscape or portrait mode.



Dimensions (unit: mm)

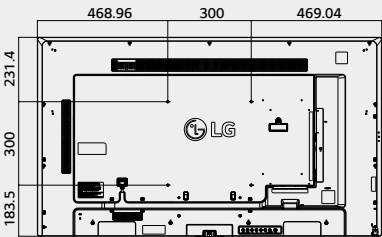
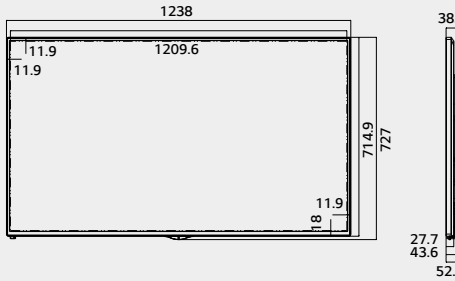
65"

1,456.9 x 838 x 41.1 /
27.7 kg



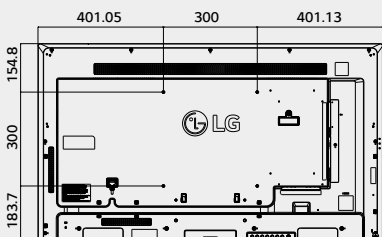
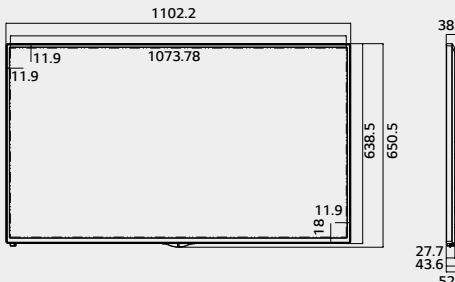
55"

1,238 x 714.9 x 38.6 /
17.3 kg



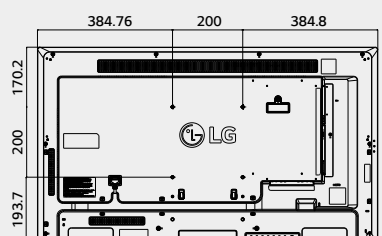
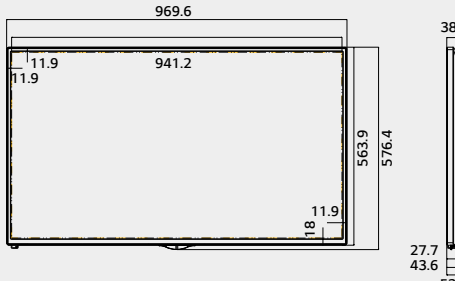
49"

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

