

Specifications

SM5KB Series		65SM5KB	55SM5KB	49SM5KB	43SM5KB	32SM5KB
PANEL	Screen Size	65	55	49	43	32
	Panel Technology	IPS (PD)				
	Aspect Ratio	16 : 9				
	Native Resolution	1,920 x 1,080 (FHD)				
	Brightness	450cd/m ²				400cd/m ²
	Contrast Ratio	1,300:1	1,100:1			
	Dynamic CR	4,000,000:1				2,000,000:1
	Viewing Angle (H x V)	178 x 178				
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 1 % (Typ.))				
	Guaranteed Operating Hour	24 Hours				
CONNECTIVITY	Orientation	Portrait & Landscape				
	Input	HDMI, DP, DVI-D, RGB, Audio, USB 3.0, SD card				
	Output	DP, Audio, External Speaker				
PHYSICAL SPECIFICATION	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor				
	Bezel Color	Black				
	Bezel Width	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	11.9mm (T/R/L), 18mm (B)	13mm (T/R/L), 18mm (B)
	Monitor Dimension (W x H x D)	1456.9 x 838 x 56.5mm	1,238 x 714.9 x 54mm	1,102.2 x 638.5 x 54mm	969.6 x 563.9 x 54mm	729.4 x 428.9 x 55.5mm
	Weight (Head)	27.9Kg	17.5kg	14.3kg	10.0kg	5.4kg
	Weight (Head + Stand)	32.9kg	20.6kg	17.4kg	12.3kg	6kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,456.9 x 898.1 x 293.7mm	1,238 x 773.4 x 219.6mm	1,102.2 x 696.8 x 219.6mm	969.6 x 622.2 x 193mm	729.4 x 481 x 154.2mm
	Weight (Head + Stand + Speaker)	33.4kg	21.1kg	17.9kg	12.8kg	6.7kg
	Carton Dimensions (W x H x D)	1,561 x 951 x 170mm	1,330 x 813 x 151mm	1,197 x 760 x 134mm	1,052 x 650 x 123mm	810 x 510 x 132mm
	Packed Weight	33.8Kg	21.7kg	17.3kg	12.6kg	6.5kg
SPECIAL FEATURES		Temperature Sensor, ISM Method, Wi-Fi (802.11n combo built-in), USB Cloning, Contents Scheduling, Sync Mode, PM Mode, Local Time Auto Setting, Overlay Touch, Wake on LAN, Pivot Mode, Content Rotation 0,90, Fail Over, No Signal Image (Up to 5MB), BEACON On/Off, Embedded Template				
ENVIRONMENTAL CONDITIONS	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		100-240V~, 50/60Hz				
		Built-In Power				
POWER CONSUMPTION	Typ.	125W	105W	90W	80W	65W
	Smart Energy Saving	85W	60W	55W	50W	40W
AUDIO POWER		20W(10W x 2) for Internal Speaker (6 ohm)				
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC				
	EMC	FCC Class "A" / CE / KCC				
	ErP / Energy Star	Yes / Yes (Energy Star 6.0)				
MEDIA PLAYER COMPATIBILITY	External Media player	Yes (MP500/MP700, KT-OPSA)	Yes (MP500/MP700, KT-OPSA)	Yes (MP500/MP700, KT-OPSA)	Yes (MP500/MP700, KT-OPSA)	Yes (KT-OPSA)
	Attachable					
SOFTWARE COMPATIBILITY	SuperSign-w lite	Yes				
	SuperSign-c	Yes				
ACCESSORY	Basic	Remote Controller (2 batteries included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory cover				
		Stand(ST-652T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-492T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-492T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-432T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW230B), VESA Adapter (AM-B220S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-332T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW230B), VESA Adapter (AM-B220S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)
	Optional					

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

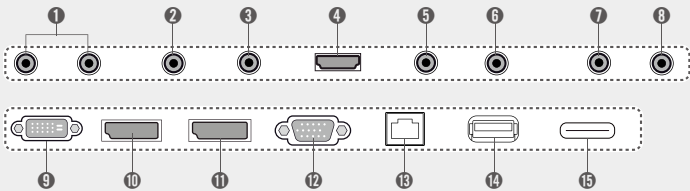
12 RGB IN

13 LAN

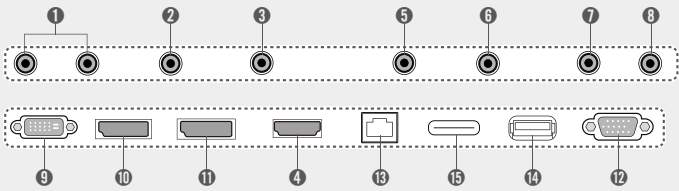
14 USB 3.0

15 SD

55SM5KB / 49SM5KB / 43SM5KB / 32SM5KB



65SM5KB



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Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5KB Series



Built-in Speaker Model (10W x 10W)

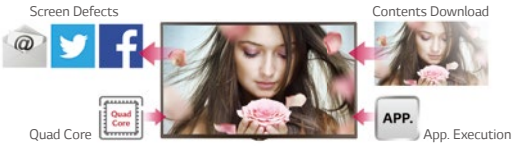
Key Features

Smart Platform



Quad Core SoC*

The High Performance SoC can execute several tasks at the same time and provides smooth content playback.



*SoC : System-on-Chip

webOS^{2.0}

The webOS 2.0 platform provides powerful and convenient tools to create, including app development materials.

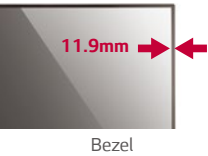


Enhanced Design Configuration



Slimmer Bezel

The thinner bezel allows a perfect fit for a sleek look.



Bezel

Detachable Logo

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



Cable Management

The well-organized cable terminals in the back optimize available space.



Built-in IR Receiver

This receiver is very space efficient with features that are detachable and adjustable to suit your environment.



Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KB Series



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



SM5KB Series

- Edge-lit LED
- Brightness : 450 cd/m²
- Bezel : Top/Left/Right 11.9mm (Bottom 18.0mm)
- Depth : 54mm(55", 49", 43"), 56.5mm(65"), 66.8mm(32")
- Interface : HDMI/DVI/RGB/RJ45/IR, Daisy-Chain (DP, RS232C)
- Built-in Speaker : 10W x 10W



Key Features

Built-in Wi-Fi

Mirroring

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



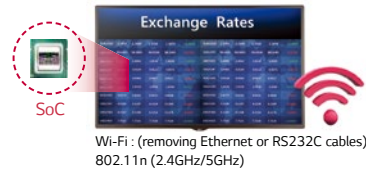
SoftAP

The SM5KB with SoftAP 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.



Enhanced Maintenance

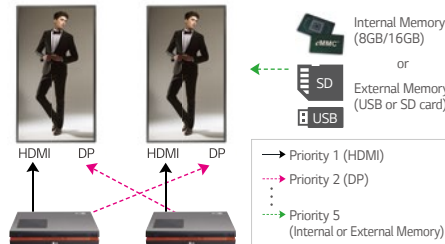
Dust & Humidity Protection

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



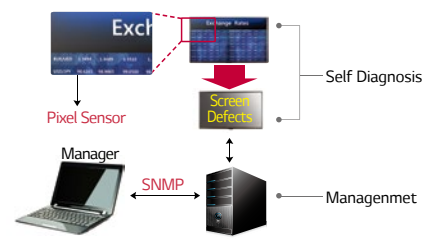
Advanced Failover

Enables content in the internal or external memory to be displayed without dead spots when none of the external inputs is working. The monitor performs the signal switching automatically.



Screen Fault Detection

Detects screen failure and sends an alert log by email.



Supportive Convenience

BEACON

With BEACON and Bluetooth Low Energy (BLE) supported by SM5KB, retail stores can provide coupons and information in real-time.



OPS* Kit / HDBaseT Box

The SM5KB provides an OPS Kit to connect a third-party OPS player or HDBaseT box. Users have the flexibility to choose any media player as long as it complies with the OPS.

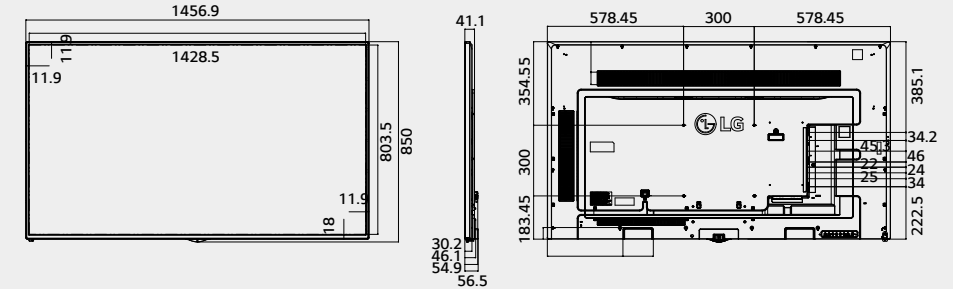


*OPS : Open Pluggable Specification

Dimension (unit : mm)

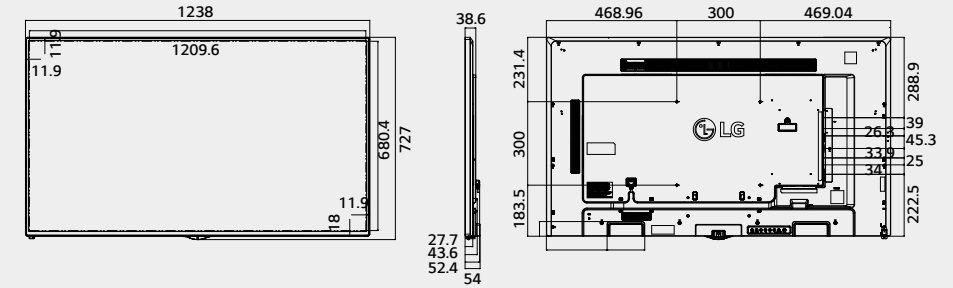
65"

1,456.9 x 838 x 56.5 /
27.9kg



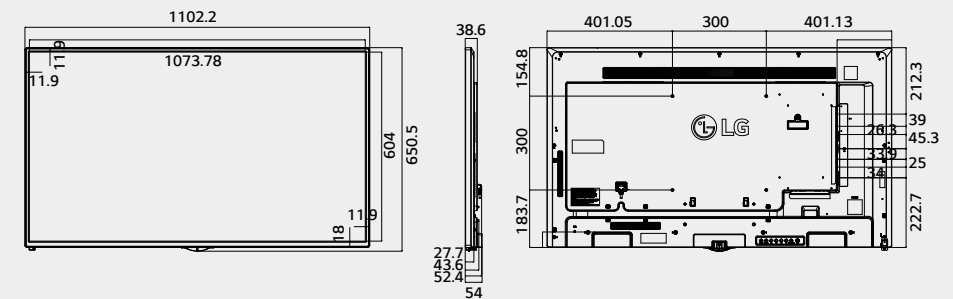
55"

1,238 x 714.9 x 54 /
17.5kg



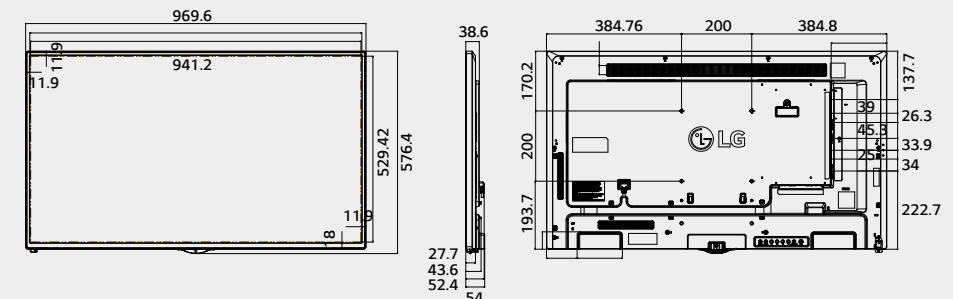
49"

1,102.2 x 638.5 x 54 /
14.3kg



43"

969.6 x 563.9 x 54 /
10.0kg



32"

729.4 x 428.9 x 55.5 /
5.4kg

