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/m²				400cd/m²
	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				
	Orientation	Portrait & Landscape				
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio, USB 3.0, SD card				
	Output	DP, Audio				
	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor				
PHYSICAL SPECIFICATION	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)	33.1kg	20.8kg	17.6kg	12.5kg	6.2kg
	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
	Carton Dimensions (W x H x D)	1,561 x 977 x 190mm	1,330 x 807 x 170mm	1,197 x 760 x 166mm	1,052 x 650 x 123mm	810 x 510 x 132mm
	Packed Weight	33.8Kg	21.7kg	17.4kg	12.6kg	6.7kg
	VESA™ Standard Mount Interface	300 x 300mm				200 x 200mm
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 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃	0 ℃ to 40 ℃
	Operating Humidity Range	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %	10 % to 80 %
POWER	Power Supply	100-240V~, 50/60Hz				
	Power Type	Built-In Power				
POWER CONSUMPTION	Typ.	120W	100W	85W	75W	60W
	Smart Enegy Saving	85W	70W	60W	55W	45W
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/NA	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
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				
ACCESSORY	Basic	Remote Controller (2 batteries included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory cover				
	Optional	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-322T), Pixel sensor(KT-SP0), Media player, Wall bracket(LSW230B), OPS Kit(KT-OPSA), HDBaseT(EB-B100)

*Pivot Mode, BEACON, Embedded Template : Available after Sept. 2015 firmware update.

Connectivity

❶ SPEAKER OUT
❷ IR & LIGHT SENSOR
❸ PIXEL SENSOR
❹ HDMI
❺ RS-232C IN
❻ RS-232C OUT
❼ AUDIO IN
❽ AUDIO OUT
❾ DVI-D IN
❿ DP IN
⓫ DP OUT
⓬ RGB IN
⓭ LAN
⓮ USB 3.0
⓯ SD

65SM5KB

55SM5KB / 49SM5KB / 43SM5KB / 32SM5KB
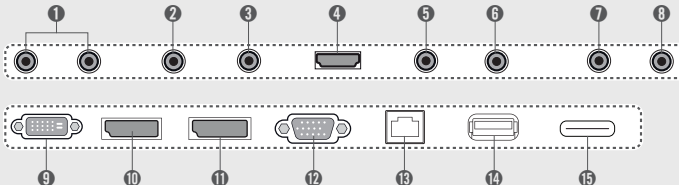
Smart Platform with a Powerful Embedded System-on-Chip
Standard Performance SM5KB Series

The SM5KB Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. Its built-in Wi-Fi and SoC reduces the total cost of ownership and simplifies installation, which allows you to manage content more conveniently.

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.

Screen Defects   Contents Download
Quad Core   App. Execution
*SoC : System-on-Chip

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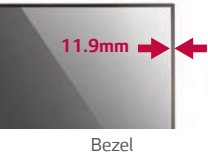The webOS 2.0 platform provides powerful and convenient tools to create, including app development materials.

Enhanced Design Configuration

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

11.9mm
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.

LG Life's Good
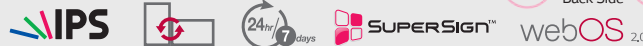
Smart Platform with a Powerful Embedded System-on-Chip

Standard Performance SM5KB Series

Invest with your future

10W x 2
Built-in Speaker

Back Side

webOS 2.0

IPS | 24hr/7days | SuperSign

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

SM5KB Series
- Edge-lit LED
- Brightness : 450 cd/m² (32" 400cd/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.

Support WPA2

Device 1 Device 2

*Available after Sept. 2015 firmware update.

Simple Installation
Installation has been simplified by removing the external media player and Ethernet/RS232C cables.

Exchange Rates

SoC

Wi-Fi : (removing Ethernet or RS232C cables)
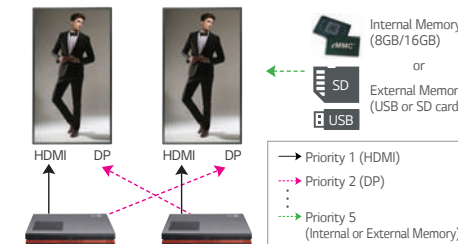802.11n (2.4GHz/5GHz)
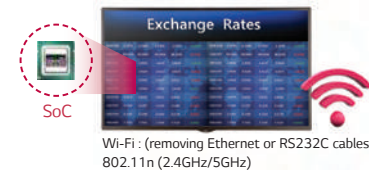
Enhanced Maintenance

Dust & Humidity Protection
Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.
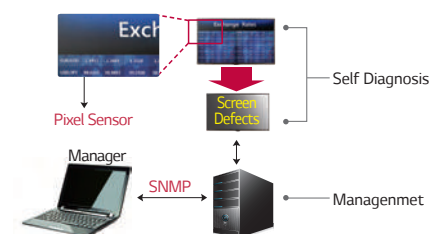
Advanced Failover
Enables content in the internal or external memory to be displayed without dead spots when none of the external inputs is working. The monitor performs the signal switching automatically.

Internal Memory (8GB/16GB)
or
External Memory (USB or SD card)

SD
USB

HDMI DP   HDMI DP

→ Priority 1 (HDMI)
⋯▸ Priority 2 (DP)
⋯▸ Priority 5 (Internal or External Memory)

Screen Fault Detection
Detects screen failure and sends an alert log by email.

Exch

Pixel Sensor

Screen Defects

Self Diagnosis

Manager

SNMP

Managenmet

Supportive Convenience

BEACON
With BEACON and Bluetooth Low Energy (BLE) supported by SMK5B, retail stores can provide coupons and information in real-time.

Receive BEACON Signal
Retrive Coupon data
Provide a Coupon

*Available after Sept. 2015 firmware update.

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.
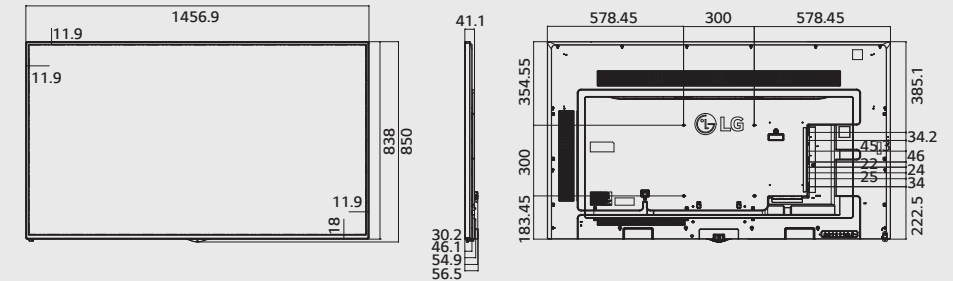
Connect With 80pin
Piggy back

SM5KB

OPS Kit (Optional)

OPS Player (Third-party)
or
HDBaseT Box (EB-B100)

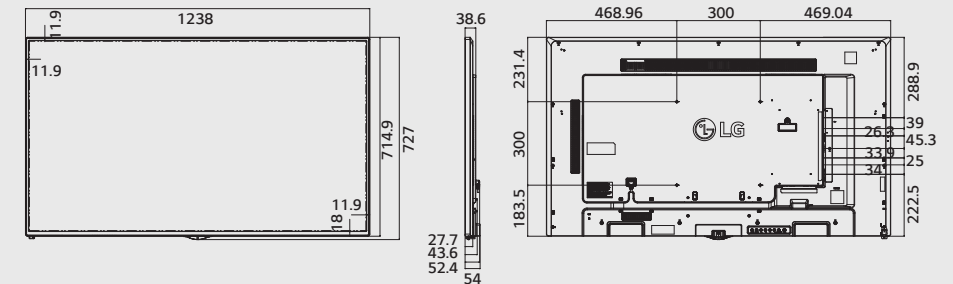*OPS : Open Pluggable Specification

Dimension (unit : mm)

65"
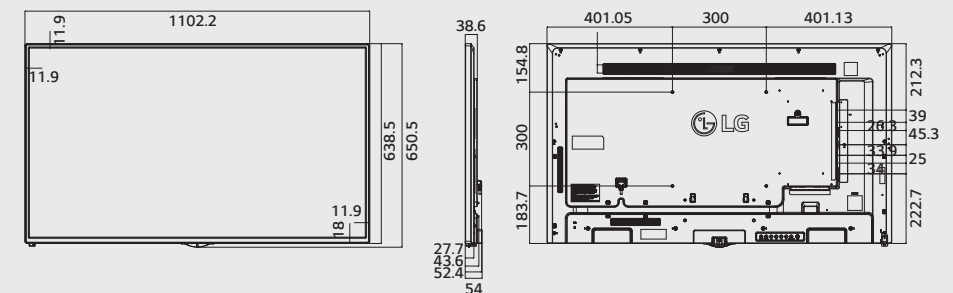1,456.9 x 838 x 56.5 /
27.9kg

55"
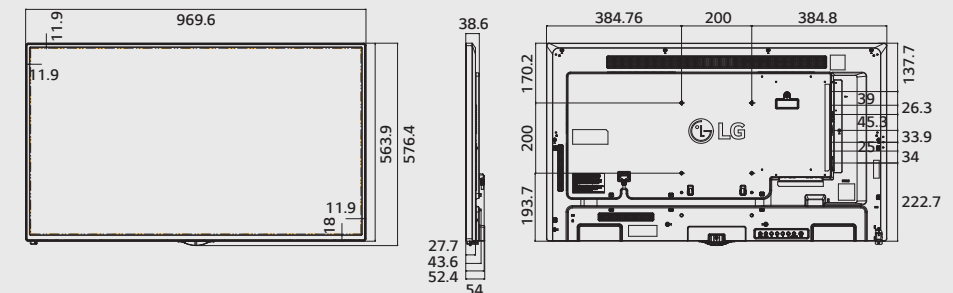1,238 x 714.9 x 54 /
17.5kg

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