

## Specifications

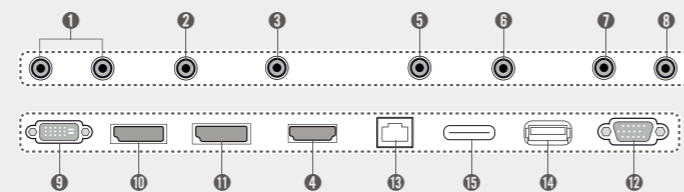
SM5KB Series	65SM5KB	55SM5KB	49SM5KB	43SM5KB	32SM5KB
Screen Size	65	55	49	43	32
Panel Technology	IPS (PD)				
Aspect Ratio	16 : 9				
Native Resolution	1,920 x 1,080 (FHD)				
Brightness	450cd/m <sup>2</sup>				400cd/m <sup>2</sup>
Contrast Ratio	1,300:1	1,100:1			2,000,000:1
Dynamic CR	4,000,000:1				
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				
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				
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				
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	100-240V~, 50/60Hz				
Power Type	Built-In Power				
Typ.	120W	100W	85W	75W	60W
Smart Energy Saving	85W	70W	60W	55W	45W
AUDIO POWER	20W(10W x 2) for Internal Speaker (6 ohm)				
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
OPS Type Compatible	Yes				
External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	No
SuperSign-W / Lite	Yes				
SuperSign-C	Yes				
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-SPO), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-492T), Pixel sensor(KT-SPO), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-492T), Pixel sensor(KT-SPO), Media player, Wall bracket(LSW350B), VESA Adapter (AM-B330S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-432T), Pixel sensor(KT-SPO), Media player, Wall bracket(LSW230B), VESA Adapter (AM-B220S), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	Stand(ST-322T), Pixel sensor(KT-SPO), Media player, Wall bracket(LSW230B), OPS Kit(KT-OPSA), HDBaseT(EB-B100)	

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

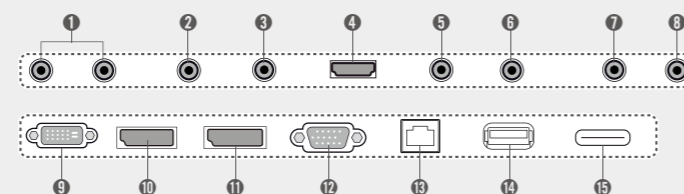
## Connectivity

- 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

### 65SM5KB



### 55SM5KB / 49SM5KB / 43SM5KB / 32SM5KB



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



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

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.

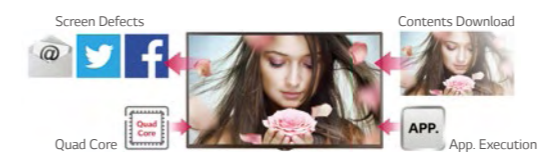
## Key Features

### 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.

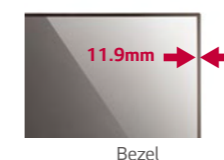


### Enhanced Design Configuration



### Slimmer Bezel

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



### 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/m<sup>2</sup> (32" 400cd/m<sup>2</sup>)
- 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

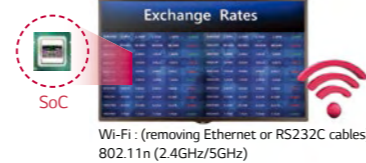
The SM5KB with SoftAP software can operate as a wireless access point for mobile devices.



\*Available after Sept. 2015 firmware update.

#### Simple Installation

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



### Enhanced Maintenance

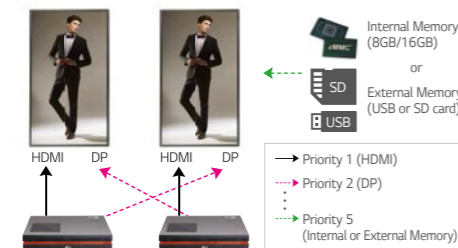
#### Dust & Humidity Protection

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



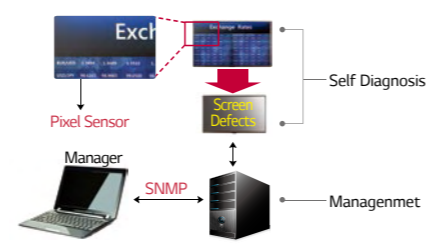
#### Advanced Failover

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

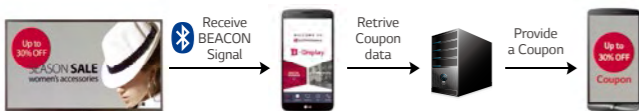
Detects screen failure and sends an alert log by email.



### Supportive Convenience

#### BEACON

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



\*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.

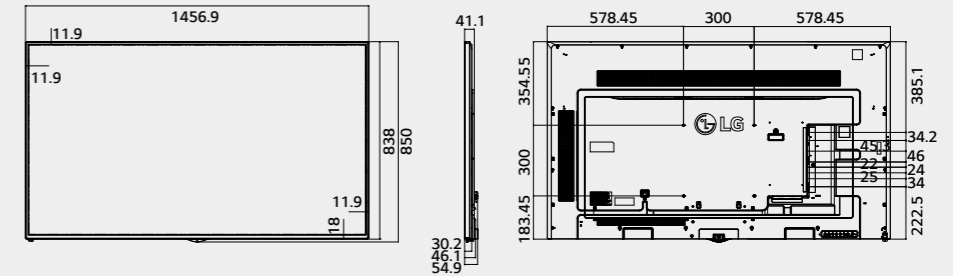


\*OPS : Open Pluggable Specification

### Dimension (unit : mm)

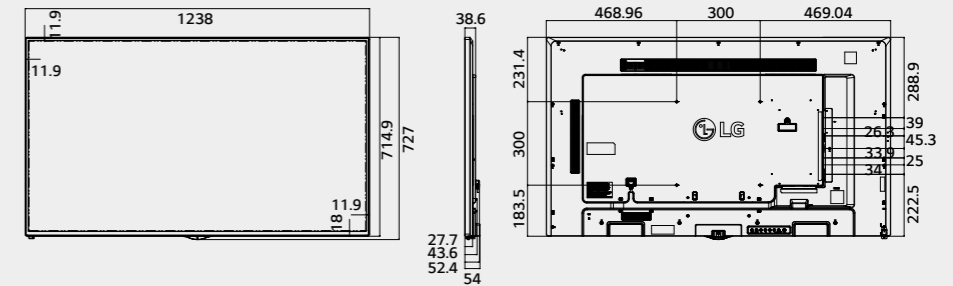
#### 65"

1,456.9 x 838 x 56.5 / 27.9kg



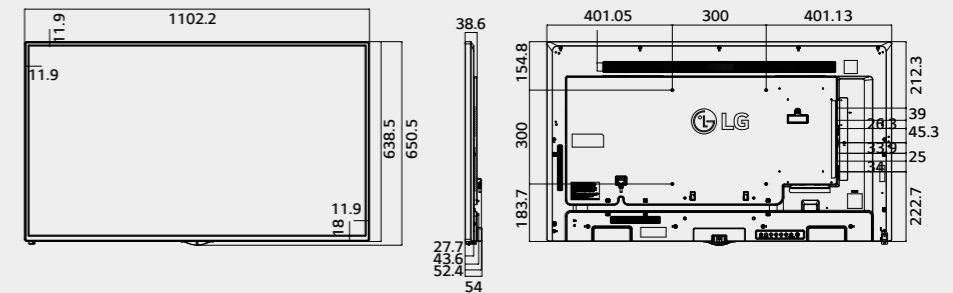
#### 55"

1,238 x 714.9 x 54 / 17.5kg



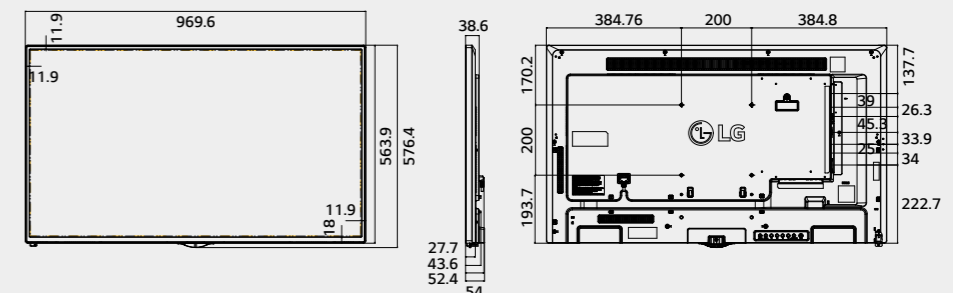
#### 49"

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

