

Specifications for LG 55SM5KB



Model	55 Inch LG-55SM5B-B Commercial Multi-Touch Display
Screen Size	55" class (54.6"/1386.84m m diagonal)
Panel Technology	IPS
Aspect Ratio	16:9
Native Resolution	1920 x 1080 (FHD)
Pixels (H x V x 3)	6,220,800
Contrast Ratio	1,100:1
Brightness	450 cd/m ²
Response Time	12ms(GtoGBW)
Dynamic Contrast Ratio	4,000,000:1
Lifetime (typ)	50,000 Hrs (min)
Color Gamut	68%
Recommended Use	24hrs /7 days
Viewing Angle	178° x 178°
Color Depth	16.7 Million
Orientation	Portrait & Landscape

Input	
Analog RGB	Yes (1)
RS232C	Yes (1)
HDTV Formats	HDMI : 720p, 1080i, 1080p
Digital HDMI	Yes (1)
Digital DVI	Yes (1)
Pixel Sensor	Yes (1)
Digital DP	Yes (1)
Audio In	RGB/DVI
USB 3.0	Yes (1)
USB	Yes (2)
IR Cap Receiver	Yes (1)
External Control	RJ45
SD Card (Full Size)	Yes (1)
Output	
Ext Speaker Out	Yes (L/R)
External Control	RS232C
Audio	Yes
Audio	
Balance	Yes
Audio Power	20W (10W x 2) for External Speaker
Speaker On/Off	Yes
Sound Mode	Standard, News, Music, Cinema, Sport, Game
Clear Voice II	Yes
Virtual Surround	Yes
Equalizer	Yes
Cabinet	
Bezel Color	Black
Bezel Width	11.9mm (T/R/L), 18mm (B)
Monitor Dimensions (WxHxD)	48.7"x28.1"x 1.5"
VESA Compatible	11.8" (300mm x 300mm)
Weight	45.4lbs
Carton	52.4"x32"x5.9" (1330mm x 813mm x 151mm)
Weight (Carton)	47.4lbs

Special Features	
Temperature Sensor	Yes
Auto Brightness Cap Sensor	Yes
Cooling FAN	No
Tile Mode	Up to 15x15
Natural Mode @ Tile Mode	Yes
Source Selection	RGB, HDMI, DVI-D, DP, OPS, USB, SD Card
Brightness/Contrast/Backlight	Yes
Position/Size	Yes
Auto Config/Phase	Yes
Language	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues(Europe), Dutch, Czech, Greek
ISM Method	Normal, White Wash, Color Wash, User image, Scheduling
Advanced	Dynamic Contrast, Dynamic Color, Color Gamut, Skin Color, Sky Color, Grass color, Gamma
Time	Clock, On/Off Timer, Auto Off, Automatic Standby
Input Label	PC/DTV
Power on Status	Standby, Power, LST
Key Operation	IR, Local
DPM Select	Yes
Energy Saving	Auto, Minimum, Medium, Maximum, Screen off
File Play with USB	Yes
Internal Memory	8GB (System 4GB + Available 4GB)
Wi-Fi	802.11n combo built-in
Content Scheduling	USB, Internal memory, SD Card
Calibration Mode	Yes
Savings Time	Yes
Sync Mode	Time sync, Content sync
PM Mode	Yes
Firmware Update (LAN)	Yes
Local Time Auto Setting	Yes
Image Diagnosis	Yes
Wake on LAN	Yes
Digital Audio Port	Yes
Power On Delay	0~255
Content Rotation	0, 90
OSD Portrait Mode	0, 90

Intelligent AUdio	Yes
Password Change	Yes
Set ID Setup	Manual, Auto
Configuration Setup	USB auto Playback
Fail Over	USB, SDCard, RGB, DVI, HDMI, Internal Memory
SuperSign Server Setup	Player name, Server IP setting, Server IP Status
No Signal Image (Up to 5MB)	Yes
External Media Player Attachable	Yes (MP500/MP700)
SuperSign-w Lite	Yes
SuperSign-c	Yes
Check Screen	Yes
OPS PC power Control	Sync On, Sync On/Off, Disable
Lock Mode	USB
Smart Energy Saving	Yes
USB Cloning	Logo image download, Sent to USB, Receive from USB
Environmental Conditions	
Operation Temperature	32°F - 104°F
Operation Humidity	10 % to 80 %
Accessories	
Basic	Remote Controller(includes battery 2ea), 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, OPS Kit(KT-OPSA), HD Base T(EB-B100)
Power	
Power Supply	110 ~ 240V, 50/60Hz, Normal (Typical) 102W, Stand-by: 0.5W
Power Type	Built-In Power
Power Consumption-Typ	100W
Smart Energy Saving	70W
DPM	0.7W
Power Off	0.5W

Standard Certifications	
Safety	UL / cUL / CB / TUV / KC
EMC	FCC Class "A" / CE / KCC
ErP/Energy Star	Yes / Yes (Energy Star 6.0)
Warranty	
Warranty	3-Year Limited Warranty (Parts/Labor/Backlight)
UPC	
UPC	7 19192 19665 0



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