

SPECIFICATIONS

49MS75A

PANEL	
Screen Size	48.50 inches (1232.00mm) diagonal
Panel Technology	IPS
Aspect Ratio	16 : 9
Native Resolution	1,920 x 1,080 (FHD)
Pixels (H x V x 3)	6,220,800
Brightness	240cd/m ²
Dynamic CR	150,000:1
Color Gamut	72%
Viewing Angle (H x V)	178 x 178
Color Depth	1.06 Billion
Response Time	8ms (G to G BW) typ.
Surface Treatment	Hard Coating (3H), Anti-Glare Treatment of the Front Polarizer (Haze 10%)
Orientation	Portrait & Landscape
VIDEO(PC)	
Max Input Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)
Recommended Resolution	1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)
H-Scanning Frequency	30 - 83kHz (HDMI, DVI-D, Display Port, OPS)
V-Scanning Frequency	60Hz (HDMI, DVI-D, Display Port, OPS)
Pixel Frequency	148.5MHz (HDMI, DVI-D, Display Port)
Sync Compatability	Digital
Video Input	HDMI1, HDMI2/OPS, DVI-D, Display Port
Picture Mode	Vivid, Standard, APS, Cinema, Sports, Game, Expert 1/2
Color Temperature	Warm, Medium, Cool
CONNECTIVITY	
Digital	HDMI (1), HDMI/OPS (1), DP (1), DVI (1)
Audio	DVI (3.5Φ 1)
External Control	RS232C (1), RJ45 (1), IR/Light sensor (1), Pixel Sensor (1)
USB	Yes (1)
HDTV Formats	HDMI : 720p / 1,080i / 1,080p
Digital	DP (1) from HDMI/DVI/DP/OPS input
Audio	External Speaker (1)
External Control	RS232C (1)
AUDIO	
Auto Volume	No
Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/Off	Yes
Clear Voice II	Yes
Sound Mode	Standard, News, Music, Cinema, Sports, Game
PHYSICAL SPECIFICATION	
Color	Black
Bezel Width	8.4mm (Even)
Monitor Dimension (W x H x D)	1,095 x 625.2 x 37.3
Weight (Head)	22kg
Monitor with Optional Stand Dimensions (W x H x D)	1,095 x 699.9 x 298.7mm
Weight (Head+Stand)	23.4kg
Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,095 x 699.9 x 298.7mm
Weight (Head+Stand+Speaker)	24.2kg
Carton Dimensions (W x H x D)	1,330 x 810 x 174mm
Packed Weight	25.3kg
Handle	No
VESA™ Standard Mount Interface	400 x 400
SPECIAL FEATURES	
Temperature Sensor	Yes
Auto Brightness sensor	Yes
Cooling FAN	No
Tile Mode	Yes (Up to 15 x 15)
Natural Mode @Tile Mode	Yes
Source Selection	DVI-D, HDMI, Display Port, USB, OPS
Brightness/Contrast/Backlight	Yes

SPECIAL FEATURES	
Position/Size	No
Auto Config/Phase	No
Language (OSD)	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek
Language (USB Playback)	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek
Language (Manual)	English, French, Italian, German, Spanish, Portugues, Hungarian, Greek, Russian, Dutch, Kazakh, Ukrainian, Polish, Arabic, Indonesian, Korean, Japanese, Turkish, Czech, Taiwanese, Slovak
Language (ESG)	English, French, Italian, German, Spanish, Portugues, Greek, Polish, Czech, Slovak
Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level
Time	Clock, On/Off Time, Power on Delay, Auto Off, Automatic Standby
Information	Model/Type, Software Version, Serial Number, IP Address, Homepage
Input Label	Yes (PC/DTV)
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
Energy Saving	Yes (Minimum, Medium, Maxium)
Smart Energy Saving	Yes
Power Indicator On/Off	No
File Play with USB	Yes
PIP/PBP	No
Internal Memory	16GB (System 4GB + Available 12GB)
Wi-Fi	Dongle Ready
ENVIRONMENT CONDITIONS	
Operation Temperature	0 °C to 40 °C
Operation Humidity	10 % to 80 %
POWER	
Power Supply	100-240V~, 50/60Hz
Power Type	Built-In Power
Power Switch	No
Typ.	125W
Smart Energy Saving	95W
Power Consumption	DPM 0.7W (DVI-D, HDMI, DP)
Power off	0.5W
STANDARD(CERTIFICATION)	
Safety	UL / cUL / CB / TUV / KC
EMC	FCC Class "A" / CE / KCC
ErP / Energy Star	NA / Yes (Energy Star 6.0)
MEDIA PLAYER COMPATIBILITY	
Slot PC compatible (optional)	No
External Media player Attatchable	Yes (MP500/MP700), KT-OPSA
SOFTWARE COMPATIBILITY	
SuperSign-w lite	Yes
SuperSign-c	Yes
ACCESSORY	
Accessory	Remote Controller (include battery 2ea), Power Cord, IR/Light sensor receiver, CD (Owner's Manual), HDMI Cable
Optional Accessory	SP-2100, ST-200T, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SPO
MIRROR	
Glass Coating	Transmittive Ratio : 38.0 ± 5% / Reflective Ratio : below 55%
Transmission Color Coordination	x=0.324, y=0.339
Reflection Color Coordination	L* = 82.48, a* = 0.78, B* = -1.83
Glass Thickness	2.8T
Software Feature	screen off mode

webOS for Signage 49MS75A (MIRROR DISPLAY)

49MS75A | 48.50" (1232.00 mm) diagonal



FEATURES

- Built-in Mirror
- OPS Compatibility - OPS-ready and supports OPS Kit (optional)
- Supports Wi-Fi ready (Dongle)
- Supports SNMP
- Enhanced Failover - Auto signal switching even from internal memory
- High Performance & Cost-effective SoC - Embedded high performance player for heavy contents (FHD movie clips)
- webOS for Signage Platform - Web-centric platform, simple customization, intuitive UX, simple management



Portrait



Landscape

Integrator-side

INSTALLATION CONVENIENCE

No need for additional installations.



ADD CREATIVE OPTIONS

Use sensors and contents for maximum exposure. Multi-touch, proximity sensors, gestures can be added by integrator/ contents provider.

- increase contents exposure
- surprise customers (e.g. display digital contents at unexpected moments)

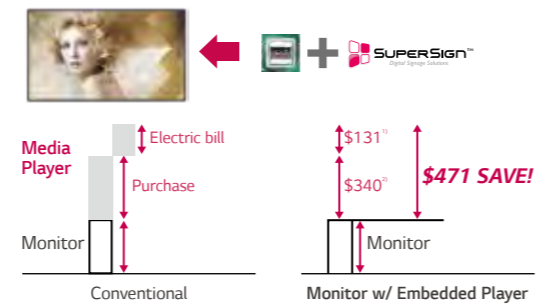
OPS Compatibility

Compatible with the Open Pluggable Specification (OPS), users have the flexibility to choose their appropriate media player.



No Extra Media Player

No additional media player comes to TCO reduction.

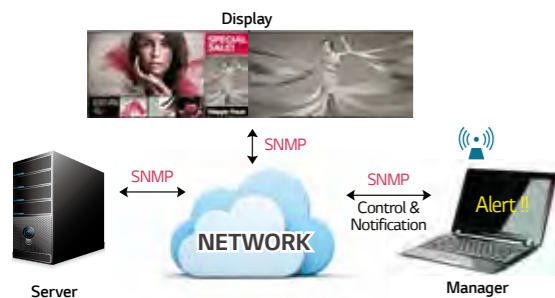


- 1) 3-year savings on electricity bills based on 24 hrs. of use each day.
- 2) Cost of 3rd party's low-end media player.

Advanced Self-diagnosis

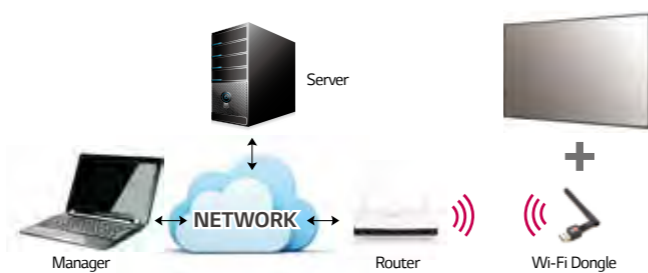
SUPPORT SNMP

LG's signage monitors are compatible with 3rd-party device management solutions that follow SNMP standards.



SUPPORT WI-FI

A Wi-Fi Dongle can be connected to the MS75A for easy installation and simple management.



Easy Installation & Maintenance

Only power & LAN required.



Smart SoC Built-In for Signage

EMBEDDED WEB SERVER

Remote Contents and H/W Status Monitoring without additional server.

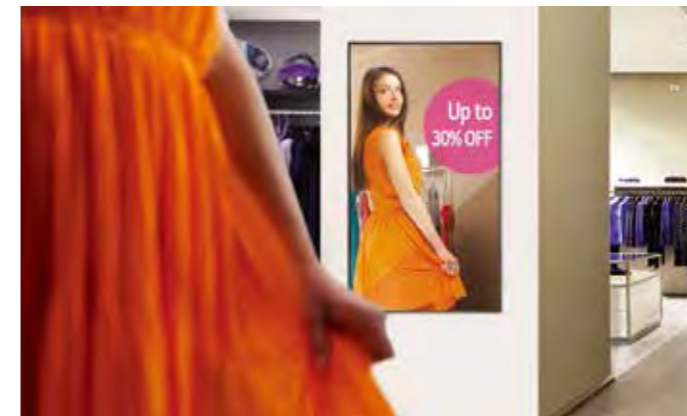


SIMPLE CUSTOMIZATION

Simple customization function will be provided. Our solution can be customized through an SDK to showcase your logo or improve compatibility.



Application



FASHION

- Venue : Fitting room, Store
- Virtual fitting, Recommended clothing, View purchasing legacy



HOTEL

- Venue : Lobby, Elevator, Bathroom
- Display Hotel information, Advertisement



BEAUTY

- Venue : Hair salon, Cosmetic
- View hairstyle legacy, Recommended hairstyle, Display virtual hairstyle simulation, Target marketing (Ads)

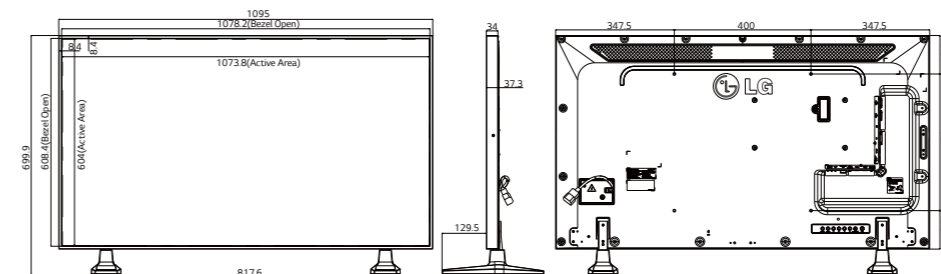


FITNESS

- Venue : Gym, Fitness Center
- Customized exercise program, Virtual training

DIMENSION (unit : mm)

49"



INTERFACE

