LG 2017拼接型顯示器產品型錄

INFORMATION DISPLAY AND SOLUTIONS

產品諮詢專線：
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諾亞媒體
NOVA MEDIA

台灣樂金LG授權商用顯示器在台正式經銷商

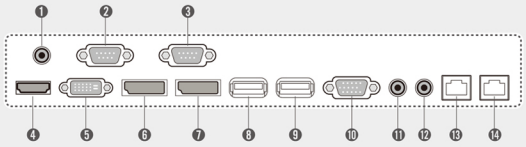
Specifications

		55VH7B	55VM5B	49VM5C
PANEL	Screen Size	55"	55"	49"
	Panel Technology	IPS		
	Aspect Ratio	16 : 9		
	Native Resolution	1,920 x 1,080 (FHD)		
	Brightness	700cd/m²	500cd/m²	500cd/m²
	Contrast Ratio	1,400:1	1,400:1	1,300:1
	Dynamic CR	500,000:1		
	Viewing Angle (H x V)	178 x 178		
	Response Time	8ms (G to G)		
	Surface Treatment	55VH7B-B : Hard coating(2H), Anti-reflection treatment of the front polarizer (Reflectance <2%) 55VH7B-H : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 44%)	Hard coating(2H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time (Typ.)	60,000 Hours		
	Guranteed Operating Hour	24 Hours		
	Orientation	Portrait & Landscape		
CONNECTIVITY	Input	HDMI, DP, DVI-D, OPS, Audio, USB 2.0, USB3.0, RGB		
	Output	DP, Audio		
	External Control	RS232C, RJ45, IR Receiver		
PHYSICAL SPECIFICATION	Bezel Color	-		
	Bezel Width	0.9mm (Top/Bottom/Left/Right even bezel) / 1.8mm *B to B : Panel Bezel + Panel Bezel		
	Monitor Dimension (W x H x D)	1,211.4 x 682.2 x 86.5 mm	1,211.4 x 682.2 x 86.5 mm	1,075.6 x 605.8 x 86.2 mm
	Weight (Head)	18.6 kg	18.6 kg	17.5 kg
	Carton Dimensions (W x H x D)	1,353 x 855 x 263 mm	1,353 x 855 x 263 mm	1,214 x 775 x 263 mm
	Packed Weight	25.3 kg	25.3 kg	23.2 kg
	VESA™ Standard Mount Interface	600 x 400mm		
SPECIAL FEATURES		Temperature Sensor, Tile Mode (up to 15x15), Natural Mode@Tile Mode, Energy Saving, Smart Energy Saving, File Play with USB, Internal Memory (8GB, System 4GB + Available 4GB), Wi-Fi Dongle Ready, USB Cloning, Content Scheduling, Fail over (USB, RGB, DVI, HDMI, Internal Memory)		
ENVIRONMENTAL CONDITIONS	Operating Temperature Range	0 °C to 40 °C		
	Operating Humidity Range	10 % to 80 %		
POWER	Power Supply	100-240V~, 50/60Hz		
	Power Type	Built-In Power		
POWER CONSUMPTION	Typ.	220 W	150 W	120 W
	Smart Energy Saving	110 W	80 W	70 W
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	OPS Type Compatible	Yes		
	External Media Player Attachable	Yes (MP500/MP700)		
SOFTWARE COMPATIBILITY	SuperSign W/Lite	Yes		
	SuperSign C	Yes		
ACCESSORIES	Basic	Remote controller, Power cable, DP cable, Manual, IR receiver, RS-232C cable, LAN cable, Guide bracket, Screws		
	Optional	Wall mount (Landscape: WM-L640V, Portrait: WM-P640V), OPS kit (KT-OPSA), HDBaseT (EB-B100)		

Connectivity

55VH7B/VM5B, 49VM5C

1. IR IN
2. RS-232C IN
3. RS-232C OUT
4. HDMI IN
5. DVI-D IN
6. DP IN
7. DP OUT
8. USB 2.0 IN
9. USB 3.0 IN
10. RGB/COMPONENT/AV IN
11. AUDIO IN
12. AUDIO OUT
13. LAN IN
14. LAN OUT



Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall 55VH7B/VM5B, 49VM5C

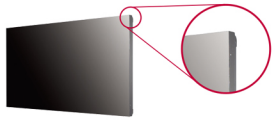
With its borderless design, the 55VH7B/VM5B, 49VM5C series offers maximum immersion for video walls. Its quad-core SoC plays various types of content without the need for an extra media player due to its efficient management tools. The 55VH7B/VM5B, 49VM5C effectively raises customer awareness, particularly in areas with heavy foot traffic such as museums, galleries, and large retail stores.

Key Features

Borderless Design

Narrow Bezel

Borderless design with its 0.9mm even panel bezel* and 1.8mm BtB(Bezel to Bezel)** size, verified by Nemko***, enables immersive and seamless viewing experiences on assembled video wall screens.



*Panel Bezel :
The black matrix section where an image is not displayed on the front panel.
**BtB (Bezel to Bezel) :
Panel Bezel + Panel Bezel (Borderless type, no metal bezel)
***Nemko (Nogerois Elektriske Materiellkontroll) was established in 1933 as an institution for mandatory safety testing and national approval of electrical equipment to be marketed and sold in Norway. Since it was transformed into independent, self-owned foundation in 1991, it has provided worldwide testing and certification.

Smart Platform

Built-in SoC* and Synced Playback

The optimized built-in quad-core SoC in the 55VH7B/VM5B, 49VM5C can play various content formats and eliminates the need for an external media player. Using its built-in SoC, each display plays its video tile without lag for synchronized content playback.

SoC

*System-on-Chip

- **CPU** 1.2GHz Quad Core CPU
- **Memory** 2.5GB double data 3 (DDR3) 32bit memory
- **GPU** 550MHz video processor with full codec (WMV, MP4, HEVC, VP9, and H.264 capabilities)
- **Internal Memory** A storage of 8GB (4GB is occupied by system)

webOS 2.0

The webOS 2.0 platform provides easy and convenient tools to create contents. LG's SDK* and technical supports make content development and management easier.

http://developer.lge.com/webOSSignage

*Software Development Kit

Artistic Immersion, Overwhelming Attractiveness

World Best Class Video Wall 55VH7B/VM5B, 49VM5C

Screen Size

49", 55"

IPS 24hr/7days SUPERSIGN webOS 2.0

55VH7B/VM5B, 49VM5C

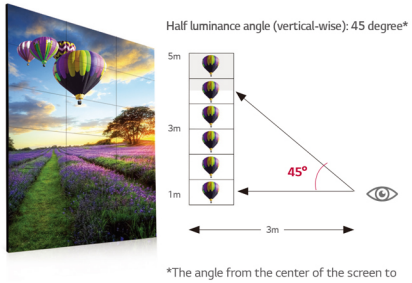
- Brightness : 55VH7B : 700cd/m², 55VM5B : 500cd/m², 49VM5C : 500cd/m²
- Surface Treatment :
  - 55VH7B-B : Hard coating(2H), Anti-reflection treatment of the front polarizer (Reflectance <2%)
  - 55VH7B-H : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 44%)
  - 55VM5B : Hard coating(2H), Anti-glare treatment of the front polarizer (Haze 10%)
  - 49VM5C : Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 10%)
- Bezel : 0.9mm (T/B/L/R even bezel)
- Depth :
  - 55VH7B/VM5B : 86.5 mm
  - 49VM5C : 86.2 mm
- Interface : HDMI / DVI / RGB / IR, Daisy-chain (DP, RS232C, RJ45)

Key Features

Superior Picture Quality

Clear Viewing Angle

The 55VH7B/VM5B, 49VM5C ensures clear picture quality even when installed in stacks of more than four. This is very favorable for the quantity of video walls installed in large spaces.



*The angle from the center of the screen to have 50% of the initial luminance.

Uniform Brightness

LG's LED backlight technology guarantees high uniformity in brightness to ensure a clear picture. On other screens, certain spots may appear darker than others, but the new 55VH7B/VM5B, 49VM5C generates high visibility and a consistent brightness across the whole screen.

Conventional (80%) | 55VH7B/VM5B, 49VM5C (90%)

Video Wall Image Creation

Through Video Wall Image Creation (VIC) technology, color and brightness differences are compensated in circuit part with an algorithm to make the panels into a same characteristic so that each video wall maintains the consistent white balance.

Conventional | 55VH7B/VM5B, 49VM5C

Image Gap Reduction

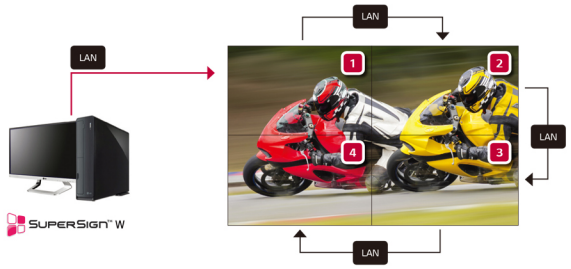
The 55VH7B/VM5B, 49VM5C includes an image improvement algorithm that can adjust to objects located in the boundary of bezel for a seamless viewing experience.

Conventional | 55VH7B/VM5B, 49VM5C

Enhanced Content Management

LAN Daisy Chain Performance

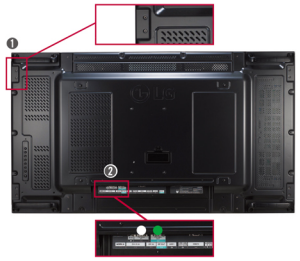
A LAN daisy chain allows you to execute commands to control and monitor the screens and even update their firmware.



Convenient Options

Guide Bracket / Classified Port

A guide bracket is an attachment that ensures the video wall remains flat. The classified in/out port prevents errors when connecting a daisy chain.



1. Guide Bracket
2. Classified In/Out Port
   - Input : White
   - Output : Green

Control Buttons

With 8 control buttons, it's easy to operate various functions of the 55VH7B/VM5B, 49VM5C, such controlling the OSD (On Screen Display) and changing the input source.

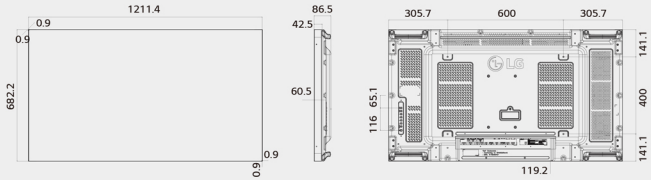
Input, Menu, Up/Down/Right/Left, Auto/Set, Power

Dimension (unit : mm)

55"

1,211.4 x 682.2 x 86.5 mm

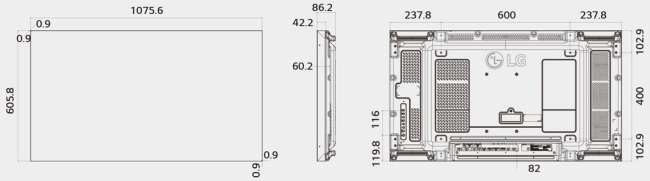
18.6 kg



49"

1,075.6 x 605.8 x 86.2 mm

17.5 kg



Enhance a Seamless Viewing Experience

Screen Size

49"

49VL5B

- Brightness : 450cd/m²
- Bezel to Bezel : 3.5mm
- Depth : 89.7mm
- Interface : HDMI / DVI / RGB / RJ45 / USB / RS232C

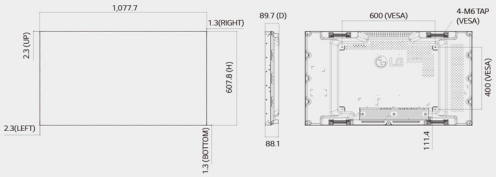
Specifications

		49VL5B
PANEL	Screen Size	49" (48.50" measured diagonally)
	Panel Technology	IPS
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Brightness	450cd/m²
	Contrast Ratio	1,300 : 1
	Viewing Angle (H x V)	178 x 178
	Response Time	8ms (G to G)
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time	50,000 Hrs
	Orientation	Portrait & Landscape
CONNECTIVITY	Input	HDMI, DVI-D, RGB
	Output	DVI-D
	External Control	RS232C (In/Out), RJ45, IR Receiver, USB
PHYSICAL SPECIFICATION	Bezel Color	Black
	Bezel Width	2.3mm (Left / Top), 1.2mm (Right / Bottom)
	Monitor Dimension (W x H x D)	1,077.7 x 607.8 x 89.7mm
	Weight (Head)	17.8kg
	Carton Dimensions (W x H x D)	1,214 x 778 x 263mm
	Packed Weight	22.8kg
	VESA™ Standard Mount Interface	600 x 400mm
SPECIAL FEATURES		Temperature Sensor, Tile Mode (Up to 15x15), Natural Mode@Tile Mode, Energy Saving, Smart Energy Saving, File Play with USB
ENVIRONMENTAL CONDITIONS	Operation Temperature Range	0°C to 40°C
	Operation Humidity Range	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz
	Power Type	Built-in Power
	Power Consumption – Typ.	90W
	Power Consumption – Smart Energy Saving	40W
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 Attachable	Yes
SOFTWARE COMPATIBILITY	SuperSign-W/Lite	Yes
	SuperSign-C	Yes
ACCESSORY	Accessory	Remote Control, Power Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw
	Optional Accessory	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V)

Dimension (unit : mm)

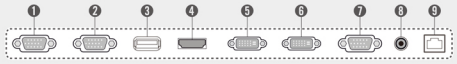
49"

1,077.7 x 607.8 x 89.7mm / 17.8kg



Connectivity

1. RS-232C IN
2. RS-232C OUT
3. USB
4. HDMI IN
5. DVI IN
6. DVI OUT
7. RGB/AV/COMPONENT IN
8. IR IN
9. LAN



Enhance a Seamless Viewing Experience

Super-Narrow Bezel Video Wall 49VL5B

49VL5B provides overwhelming screen immersion thanks to its super-narrow bezel and delivers a clear image from any angle with an innovative IPS panel. With its extremely attractive and highly functional design, it can be used to deliver information in a variety of business environments.

Key Features

Narrow Bezel

Super-Narrow Bezel

The super-narrow bezel video wall creates a visually stunning digital wall that is efficiently installed, maintained and managed.

Advanced IPS Technology

Wide Viewing Angle

IPS panel technology means a more advanced control of the liquid crystal display. As a result, it allows users to view the screen from virtually any angle.

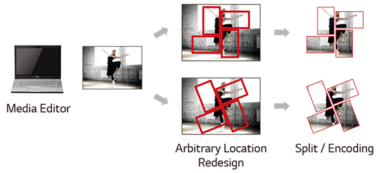
Stable Panel

On account of the structure of the liquid crystal in an IPS display, when you touch the screen, there are no flashes or ripple effects due to the rapid recovery.

Content Management

SuperSign W for Content Management

Flexible content editing in various layouts, including both regular and irregular video-wall layouts, is made possible in a timely and cost-effective manner without the need for an expensive video-wall console.



LG Life's Good

SPECIFICATIONS

			47LV35A	55LV35A
PANEL	Screen Size		47" (46.96" measured diagonal)	55" (54.64" measured diagonal)
	Panel Technology		IPS	IPS
	Aspect Ratio		16 : 9	16 : 9
	Native Resolution		1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness		450cd/m²	500cd/m²
	Contrast Ratio		1,200:1	1,400:1
	Dynamic CR		500,000 : 1	500,000 : 1
	Viewing Angle (H x V)		178 x 178	178 x 178
	Response Time		12ms (Typ.)	12ms (G to G)
	Surface Treatment		Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time		Min. 30,000 Hrs, Typ. 50,000Hrs	Min. 50,000 Hrs, Typ. 60,000 Hrs
	Orientation		Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input (Rear)	Digital	DVI-D (1), HDMI (1) with HDCP for all input	DVI-D (1), HDMI (1) with HDCP for all input
		Analog	RGB (1), Component (RGB Shared), AV (RGB Shared)	RGB (1), Component (RGB Shared), AV (RGB Shared)
		Audio	N/A	N/A
		External Control	RS232C (1), RJ45 (1), IR Receiver (1)	RS232C (1), RJ45 (1), IR Receiver (1)
		USB	USB 2.0 (1)	USB 2.0 (1)
	Output (Rear)	Digital	DVI-D (1)	DVI-D (1)
		Audio	N/A	N/A
		External Control	RS232C (1)	RS232C (1)
PHYSICAL SPECIFICATION	Color		Black	Black
	Bezel Width		3.2mm (left/top) / 1.7mm (right/bottom)	2.25mm (left/top) / 1.25mm (right/bottom)
	Monitor Dimension (W x H x D)		1,044.9mm x 590mm x 89.9mm	1,213.4mm x 684.2mm x 88.5mm
	Weight (Head)		16.5kg	23kg
	Carton Dimensions (W x H x D)		1,180mm x 165mm x 770mm	1,353mm x 850mm x 255mm (Box outer size)
	Packed Weight		21.5kg	30kg
	Handle		Yes	Yes
	VESA™ Standard Mount Interface		600mm x 400mm	600mm x 400mm
SPECIAL FEATURES	Temperature Sensor		Yes	Yes
	Cooling FAN		No	No
	Tile Mode		Yes, Up to 15 x 15	Yes, Up to 15 x 15
	Natural mode @Tile mode		Yes	Yes
	Source Selection		Digital (HDMI / DVI) / Analog (RGB) / Component / USB	Digital (HDMI / DVI) / Analog (RGB) / Component / USB
	Brightness / Contrast / Backlight		Yes	Yes
	Position / Size		Yes	Yes
	Auto Config / Phase		Yes	Yes
	ISM Method		Normal, Color Wash	Normal, Color Wash
	Input Label		Yes	Yes
	Auto Power / Source Memory		Yes	Yes
	DPM Select		Yes (Installation Menu)	Yes (Installation Menu)
	Energy Saving		Yes, Off / Minimum / Medium / Maximum / Screen Off	Yes, Off / Minimum / Medium / Maximum / Screen Off
	Smart Energy Saving		Yes	Yes
ENVIRONMENT CONDITIONS	Operation Temperature		0°C ~ 40°C	0°C ~ 40°C
	Operation Humidity		10% ~ 90%	10% ~ 80%
POWER	Power Supply		100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type		Built-in Power	Built-in Power
	Power Consumption	Typ.	130W	160W
		Smart Energy Saving	85W	90W
		DPM	0.7W	0.7W
		Power Off	0.5W	0.5W
STANDARD (CERTIFICATION)	Safety		UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC		FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star		Yes / Yes (Energy Star 6.0)	Yes / Yes (Energy Star 6.0)
MEDIA PLAYER COMPATIBILITY	External Media Player Attatchable		Yes	Yes
SOFTWARE COMPATIBILITY	SuperSign-W lite		Yes	Yes
			-	Editing, Scheduling, Distribution & Play, Control
	SuperSign-C		Yes	Yes
ACCESSORY	Accessory		Remote Controller, Power cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw	Remote Controller, Power cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw
	Optional Accessory		Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V) Frame Kit (Horisontal : FK-47V10 , Vertical: FK-47V20)	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V) 600 x 400 (AP-WX60)

Super Narrow Bezel

VIDEO WALL DISPLAY LV35A

47LV35A | 47" CLASS (46.96" measured diagonal)

55LV35A | 55" CLASS (54.64" measured diagonal)

Super Narrow Bezel
47LV35A : 4.9mm
55LV35A : 3.5mm

Lighter & Thinner Cabinet
47LV35A : Weight 16.5kg, Depth 89.9mm
55LV35A : Weight 23kg, Depth 88.5mm

Higher Brightness Uniformity 80%

Dynamic Video-wall Configuration
Video Wall S/W to freely configure the layout and content

Free S/W for Remote Monitor & Control
Remotely monitor display status & control

24/7 Operation

Brightness
47LV35A : 450nit
55LV35A : 500nit

Portrait & Landscape Mode

Interfaces
RGB in, HDMI in, DVI in,
RS232C in/out, RJ45, USB

LG
Life's Good

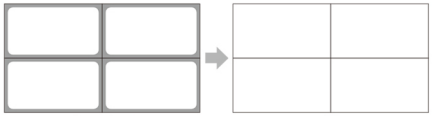
DISPLAY

SUPER NARROW BEZEL

47" super narrow bezel 4.9mm and 55" super narrow bezel 3.5mm video wall displays create visually stunning digital wall that is easily installed, maintained and managed.

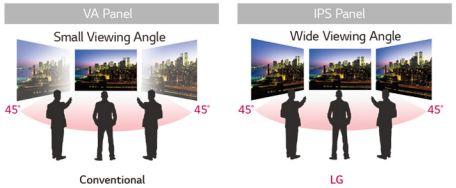
HIGHER BRIGHTNESS UNIFORMITY

Brightness uniformity 80% ensures high-quality image delivered across displays.



WIDE VIEWING ANGLE

IPS panels have the better control of liquid crystal and in consequence, it allows you to watch the screen virtually at any angle.

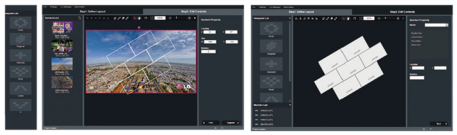


TEMPERATURE RESISTENT PANEL TEMPERATURE

SOFTWARE

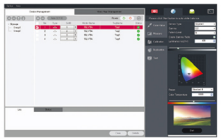
SUPERSIGN V FOR DYNAMIC LAYOUT

- Use given templates to configure video wall layout easily
- Rotate, cut and edit content according to a defined layout
- Flexible content editing in various layouts is viable
- Scheduled-based content playback based on time and day
- Distribute content to media players as well


SuperSign V Editor
SuperSign V

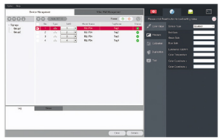
FREE SUPERSIGN C FOR ADVANCED COLOR ADJUSTMENT

- Intuitive GUI in SuperSign C S/W allows to measure and adjust color and brightness instantly on display
- Automatic white balancing of a video-wall display using a sensor


SuperSign C

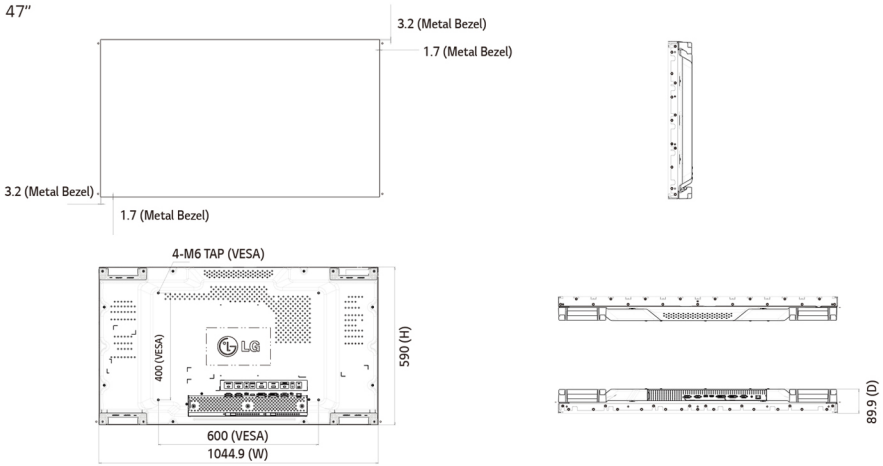
FREE SUPERSIGN C FOR REMOTE MONITOR AND CONTROL

Intuitive GUI-based Remote Monitoring & Control via the networks and RS232 connection feature in SuperSign C S/W.

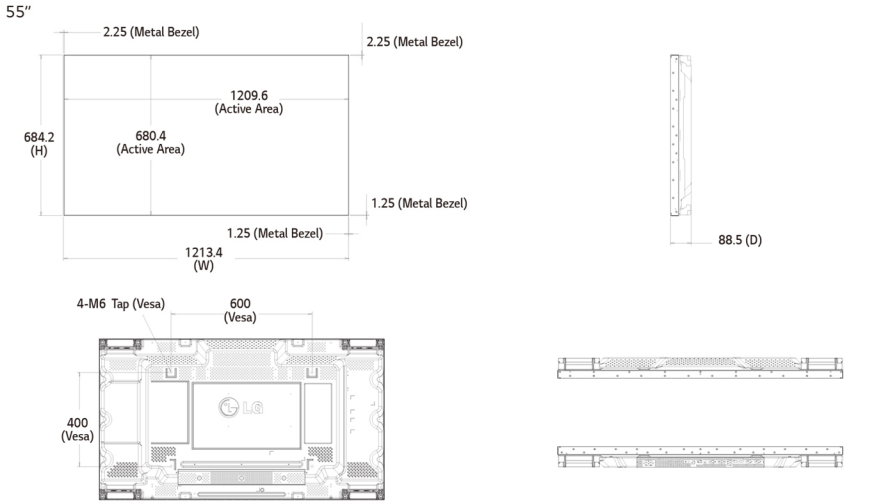

SuperSign C

DIMENSION (unit : mm)

47"



55"



INTERFACE

SPECIFICATIONS

55" Super Narrow Bezel
VIDEO WALL DISPLAY LV75A/LV77A

			55LV77A	55LV75A
PANEL	Screen Size		55" (54.64" measured diagonal)	55" (54.64" measured diagonal)
	Panel Technology		IPS	IPS
	Aspect Ratio		16 : 9	16 : 9
	Native Resolution		1920 x 1080 (FHD)	1920 x 1080 (FHD)
	Brightness		700cd/m²	500cd/m²
	Contrast Ratio		1,400:1	1,400:1
	Dynamic CR		500,000 : 1	500,000 : 1
	Viewing Angle (H x V)		178 x 178	178 x 178
	Response Time		12ms (G to G)	12ms (G to G)
	Surface Treatment		Hard coating(3H), Anti-reflection treatment of the front polarizer (Reflectance <2%)	Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time		60,000 Hrs	60,000 Hrs
	Orientation		Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input (Rear)	Digital	DVI-D (1), HDMI (2), Display Port (1) with HDCP for input	DVI-D (1), HDMI (2), Display Port (1) with HDCP for input
		Analog	RGB (1), Shared Component, AV (1)	RGB (1), Shared Component, AV (1)
		Audio	PC Audio In (1)	PC Audio In (1)
		External Control	RS232C (1), RJ45 (1), IR Receiver (1)	RS232C (1), RJ45 (1), IR Receiver (1)
		USB	USB (1)	USB (1)
	Output (Rear)	Digital	Display Port(1)	Display Port(1)
		Audio	Audio Out(1)	Audio Out(1)
		External Control	RS232C(1)	RS232C(1)
PHYSICAL SPECIFICATION	Color		Black	Black
	Bezel Width		2.25mm (left/top), 1.25mm (right/bottom)	2.25mm (left/top), 1.25mm (right/bottom)
	Monitor Dimension (W x H x D)		1213.4 x 684.2 x 88.5 mm	1213.4 x 684.2 x 88.5 mm
	Weight (Head)		23.2kg	23kg
	Carton Dimensions(W x H x D)		1337 x 828 x 239mm	1337 x 828 x 239mm
	Packed Weight		30.5kg	30.3kg
	Handle		Yes	Yes
	VESA™ Standard Mount Interface		600 x 400mm	600 x 400mm
SPECIAL FEATURES	Temperature Sensor		Yes	Yes
	Cooling FAN		Yes	No
	Tile Mode		Yes, Up to 15 x 15	Yes, Up to 15 x 15
	Natural mode @Tile mode		Yes	Yes
	Source Selection		RGB / DVI-D / HDMI / Component / AV / Display Port / USB	RGB / DVI-D / HDMI / Component / AV / Display Port / USB
	Brightness/Contrast/Backlight		Yes	Yes
	Position/Size		Yes	Yes
	Auto Config/Phase		Yes	Yes
	ISM Method		Normal, Orbiter, inversion, White wash	Normal, Orbiter, inversion, White wash
	Input Label		Yes	Yes
	Auto Power/Source Memory		Yes	Yes
	DPM Select		Yes	Yes
	Energy Saving		Yes, Off / Minimum / Medium / Maximum / Screen Off	Yes, Off / Minimum / Medium / Maximum / Screen Off
	Smart Energy Saving		Yes	Yes
ENVIRONMENT CONDITIONS	Operation Temperature		0°C ~ 40°C	0°C ~ 40°C
	Operation Humidity		10% ~ 80%	10% ~ 80%
POWER	Power Supply		100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type		Built-in Power	Built-in Power
	Power Consumption	Typ.	230W	160W
		Smart Energy Saving	130W	130W
		DPM	0.7W	0.7W
		Power Off	0.5W	0.5W
STANDARD (CERTIFICATION)	Safety		UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC		FCC Class "B" / CE / KCC	FCC Class "B" / CE / KCC
	ErP / Energy Star		NA / Yes(Energy Star 6.0)	NA / Yes(Energy Star 6.0)
MEDIA PLAYER COMPATIBILITY	External Media Player Attachable		Yes	Yes
SOFTWARE COMPATIBILITY	SuperSign-W/Lite		Yes	Yes
	SuperSign-C		Yes	Yes
ACCESSORY	Accessory		Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw	Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw
	Optional Accessory		WM-L640V(Landscape), WM-P640V(Portrait)	WM-L640V(Landscape), WM-P640V(Portrait)

55LV75A/LV77A | 55"CLASS(54.64inchesmeasureddiagonally)

Super Narrow Bezel 3.5mm

Lighter & Thinner Cabinet
Weight: 23kg / Depth: 89mm

Higher Brightness Uniformity 90%

Vivid Imagery Viewing
TruMotion™ improves Motion Blur and Motion Judder

DisplayPort1.2 Daisy-Chain
UHD content playback on 4K video-wall in 2 x 2 displays

Dynamic Video-wall Configuration
Video Wall SW to freely configure the layout and content

Free S/W for Remote Monitor & Control
Remotely monitor display status & control

Features
24/7 Operation
DP1.2 daisy-chain
Brightness (LV77A: 700cd/m² / LV75A: 500cd/m²)
Shine-out (available on LV77A)
Portrait & Landscape Mode

Interfaces
RGB in, HDMI in, DVI in, DP in/out,
RS232C in/out, RJ45, USB

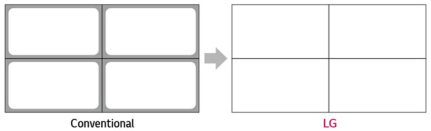
DISPLAY

Super Narrow Bezel

47" super narrow bezel 4.9mm and 55" super narrow bezel 3.5mm video wall displays create visually stunning digital wall that is easily installed, maintained and managed.

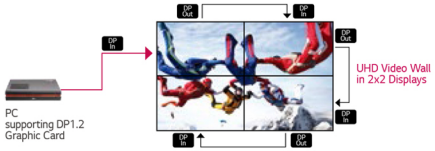
Higher Brightness Uniformity

Brightness uniformity 90% ensures high-quality image delivered across displays.



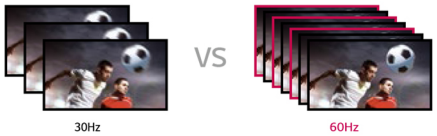
Evolved Daisy-Chain Performance

DisplayPort1.2 connectors enable UHD content playback on 4K Video Wall in 2x2 displays. (available on LV75A/LV77A)



Vivid Imagery Viewing

TruMotion™ 60Hz Refresh Rate drastically reduces motion blur and judder ensuring vivid image details.



SOFTWARE

SuperSign V for Dynamic Layout

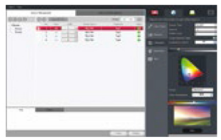
- Use given templates to configure video wall layout easily
- Rotate, cut and edit content according to a defined layout
- Flexible content editing in various layouts is viable
- Scheduled-based content playback based on time and day
- Distribute content to media players as well

SuperSign V Editor

SuperSign V

Free SuperSign C for Advanced Color Adjustment

- Intuitive GUI in SuperSign C S/W allows to measure and adjust color and brightness instantly on display
- Automatic white balancing of a video-wall display using a sensor

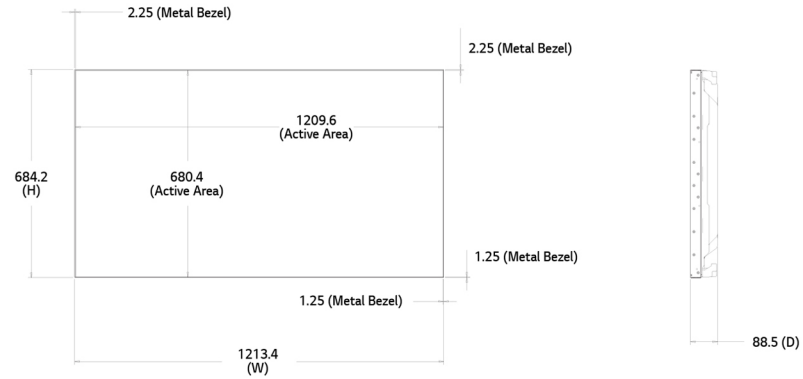

SuperSign C

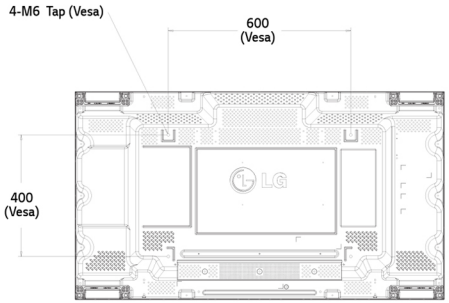
Free SuperSign C for Remote Monitor and Control

Intuitive GUI-based Remote Monitoring & Control via the networks and RS232 connection feature in SuperSign C S/W.

SuperSign C

DIMENSION (unit : mm)





INTERFACE

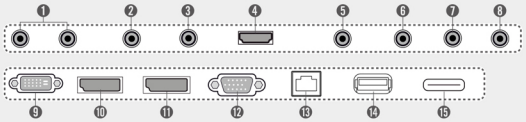
Specifications

LS75C/73C Series			55LS75C/73C	49LS75C/73C	42LS75C/73C
PANEL	Screen Size		54.64 inches (1387.80mm) diagonal	48.50 inches (1232.00mm) diagonal	41.92 inches (1064.67mm) diagonal
	Panel Technology		IPS	IPS	IPS
	Aspect Ratio		16:9	16:9	16:9
	Native Resolution		1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness		700cd/m² (LS75C), 500cd/m² (LS73C)	700cd/m² (LS75C), 500cd/m² (LS73C)	700cd/m² (LS75C), 500cd/m² (LS73C)
	Contrast Ratio		1,300:1	1,300:1	1,300:1
	Viewing Angle (H x V)		178 x 178	178 x 178	178 x 178
	Response Time		1ms (G to G), 8ms (MPRT)	8ms (G to G BW) typ.	8ms (G to G BW) typ.
	Surface Treatment		Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)
	Life time (Typ.)		50,000 Hrs min.	50,000 Hrs min.	50,000 Hrs min.
	Operation Hours		24 Hrs / 7 Days	24 Hrs / 7 Days	24 Hrs / 7 Days
	Orientation		Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input		HDMI (2), DP, DVI-D, Audio in, OPS		
	External Control		RS232C in/out, RJ45, IR / Light sensor, Pixel sensor, USB 3.0		
	Output		DP, External Speaker out		
PHYSICAL SPECIFICATION	Bezel Color		Black	Black	Black
	Bezel Width		7.4 mm (T/L/R/B even)	7.4 mm (T/L/R/B even)	7.4 mm (T/L/R/B even)
	Monitor Dimension (W x H x D)		1,230 x 714 x 32 mm	1,095 x 637 x 32 mm	949 x 555 x 32 mm
	Weight (Head)		20.7 kg	15.6 kg	12.5kg
	Monitor with Optional Stand Dimensions (W x H x D)		1,230 x 776 x 298 mm	1,095 x 700 x 298 mm	949 x 618 x 298 mm
	Weight (Head+Stand)		22.1 kg	17.0 kg	13.9 kg
	Carton Dimensions (W x H x D)		1,330 x 815 x 174 mm	1,197 x 760 x 134 mm	1,045 x 645 x 127 mm
	Packed Weight		25.2 kg	18.7 kg	14.8 kg
	VESA™ Standard Mount Interface		400 x 400 mm	400 x 400 mm	400 x 400 mm
SPECIAL FEATURES			Temperature sensor, Auto brightness sensor, Tile Mode, DPM select, DPM wake up, Energy saving, Smart energy saving, File play with USB, PIP/PBP(2), Internal memory 16GB (System 4GB + Available 12GB), Wi-Fi dongle ready (802.11n) , USB cloning, Fail over		
ENVIRONMENTAL CONDITIONS	Operating Temperature		0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operating Humidity		10% to 80%	10% to 80%	10% to 80%
POWER	Power Supply		100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type		Built-In Power	Built-In Power	Built-In Power
	Power Consumption	Typ.	140 W (TBD)	125 W (TBD)	110 W (TBD)
		Smart Energy Saving	100 W (TBD)	90 W (TBD)	80 W (TBD)
STANDARD (CERTIFICATION)	Safety		UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC		FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star		NA / Yes (Energy Star 7.0)	NA / Yes (Energy Star 7.0)	NA / NA
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible		Yes	Yes	Yes
	External Media Player Attachable		Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign W/Lite		Yes	Yes	Yes
	SuperSign C		Yes	Yes	Yes
ACCESSORIES	Basic		Remote controller (2ea batteries included), Power cord, IR/Light sensor receiver, QSG, Regular book (depend on regional standard), HDMI cable		
	Optional		SP-2100 (External speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB dongle), KT-OPSA (OPS kits), KT-SP0 (Pixel sensor)		

Connectivity

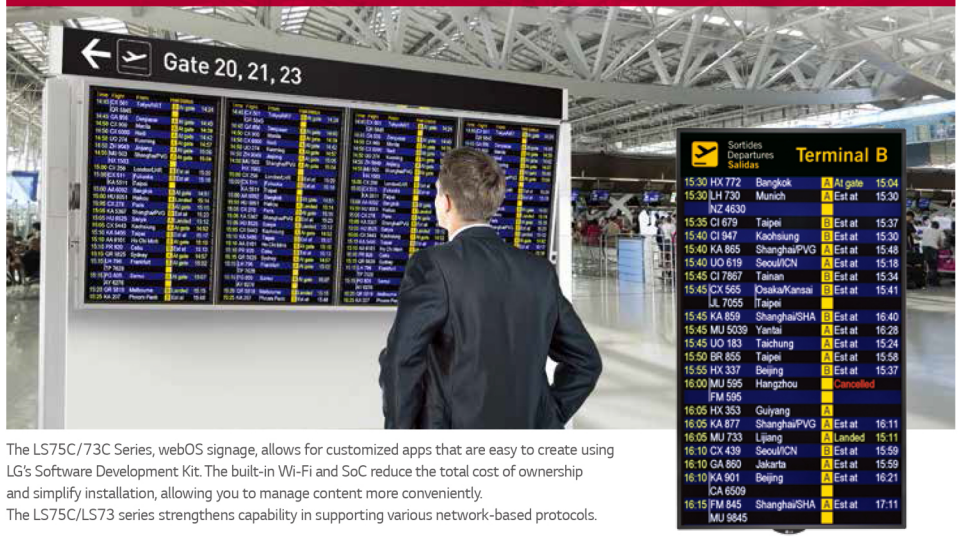
1. SPEAKER OUT
2. IR & LIGHT SENSOR
3. PIXEL SENSOR
4. HDMI
5. RS-232C IN
6. RS-232C OUT
7. AUDIO IN
8. AUDIO OUT
9. DVI-D IN
10. DP IN
11. DP OUT
12. RGB IN
13. LAN
14. USB 3.0
15. SD

55LS75C/LS73C, 49LS75C/LS73C, 42LS75C/LS73C



Smart Platform with a Powerful Embedded System-on-Chip

Standard Premium LS75C/73C Series



The LS75C/73C Series, webOS signage, allows for customized apps that are easy to create using LG's Software Development Kit. The built-in Wi-Fi and SoC reduce the total cost of ownership and simplify installation, allowing you to manage content more conveniently.
The LS75C/LS73 series strengthens capability in supporting various network-based protocols.

Key Features

Smart Platform

Quad Core SoC*

The high-performance SoC can execute several tasks at the same time and provides smooth content playback.

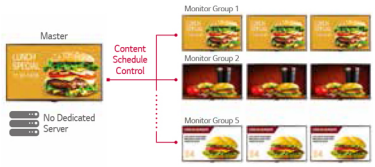
*System-on-Chip

webOS 3.0

The webOS 3.0 platform provides powerful and convenient creation tools, including app development materials.

Group Manager

Content can be created, distributed and controlled by a signage without a dedicated PC or server.



PBP (Picture-By-Picture) / PIP (Picture-In-Picture)

PBP (Picture-By-Picture) and PIP (Picture-In-Picture) features enable you to compose various layouts for several digital devices.

Smart Platform with a Powerful Embedded System-on-Chip

Standard Premium LS75C/73C Series

Screen Sizes

55"/49"/42"

LS75C / 73C Series

- Brightness : 700 cd/m² (LS75C) / 500 cd/m² (LS73C)
- Bezel : 7.4 mm Even Bezel
- Depth : 32 mm
- Interface : HDMI (2) / DVI / DP / RGB / RJ45 / IR / Light Sensor / RS232C / Pixel sensor / USB 3.0 / Audio In

IPS webOS 3.0 SUPERSIGN

Key Features

Support Network Protocol

IP Streaming Protocol

Various types of IP video streaming protocol are supported, such as RTSP/RTP, MMS, HLS and MPEG-2 TS*.

*RTSP (Real-Time Streaming Protocol), RTP (Real-time Transport Protocol), MMS (Microsoft Media Server), HLS (http live streaming)

Secure Communication Protocol

By supporting HTTPS* protocol, communication between server and signage is more secure.

*HTTPS: Hypertext Transfer Protocol over Secure Socket Layer

Proxy Server

Web access speed and security can be improved by supporting Proxy Server (A server that acts as an intermediary for requests from clients seeking resources from other servers.)

Built-in Wi-Fi

Mirroring

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

Soft AP

The LS75C/LS73C with Soft AP 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.

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

Supportive Convenience

BEACON

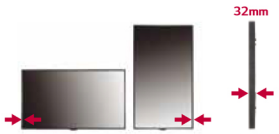
With BEACON and Bluetooth Low Energy (BLE) supported by LS75C/LS73C*, retail stores can provide coupons and information in real time. When Wi-Fi dongle is connnected, the BEACON is available.

* LS75C/LS73C is enhanced to support ibeacon** and Eddystone***
** iBeacon: Bluetooth Low Energy beacon profile released by Apple in 2013
*** Eddystone: Bluetooth Low Energy beacon profile released by Google in 2015

Industrial Design

Slimmer Even Bezel & Depth

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



Bezel with : **7.4 mm** (T/R/L/B Even Bezel)

Depth

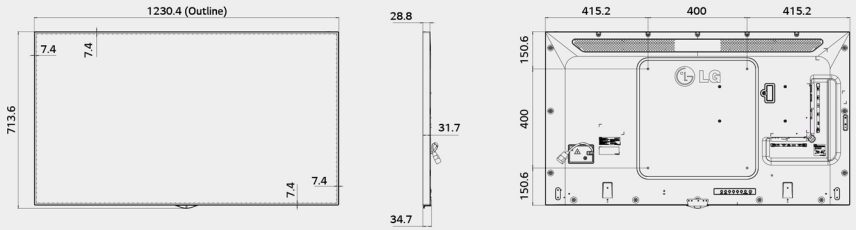
Detachable Logo

Portrait mode allows the logo to be positioned in the desired setting.

Dimensions (unit: mm)

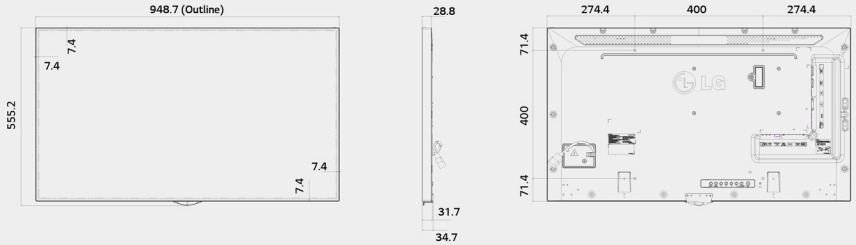
55"

1,230 x 714 x 32 / 20.7 kg



49"

1,095 x 637 x 32 / 15.6 kg

42"

949 x 555 x 32 / 12.5 kg