49" Video Wall with Clear Visibility and Great Immersion

49VL7D

The 49VL7D creates entertaining and memorable experiences for passengers while providing various types of information and enhancing the value of the space. This model effectively delivers clear and vivid content with 700 cd/m^2 brightness, which is recommended for brightly lit locations such as airports or large-scale shopping malls.

LG | Business Solutions

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49VL7D

Clear Visibility

High Visibility

The 700 cd/m² brightness is enough to stand out against the surrounding background, so signage can attract passerby and delivers content vividly and effectively.

Consistent White Balance

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.
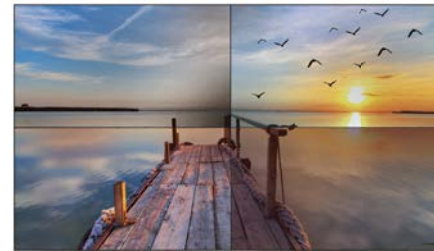
Conventional   VL7D

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Immersive Viewing Experience

Ultra Narrow Bezel

The 3.5mm ultra narrow bezel size creates immersive and seamless viewing experiences on assembled video wall screens.

Wide Viewing Angle

Stable image reproduction is critical in video walls, as it is usually installed in places above eye level and is seen from various angles. Thanks to the IPS panel and the high half luminance angle, VL7D delivers the best picture quality from any viewer position.

CHEEK BLUSH

Bezel to Bezel 3.5mm
2.3 mm (Left/Top)
1.2 mm (Right/Bottom)

Going places together

5 m

3 m

1 m

45°

3 m

Half luminance angle (vertical-wise): 45 degree*
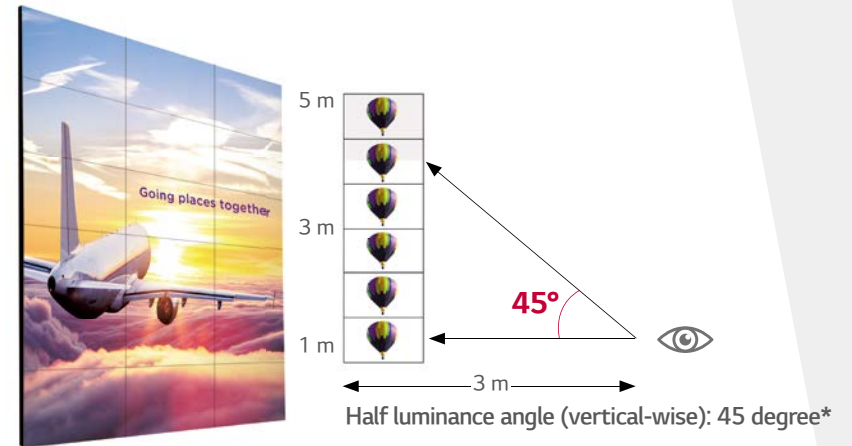
*The angle from the center of the screen to have 50 % of the initial luminance.

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Convenient Management

Dynamic Configuration

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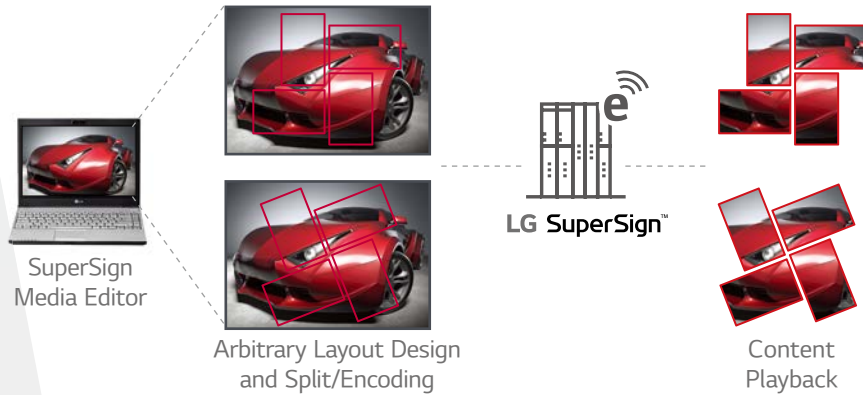
Conformal Coating

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

SuperSign
Media Editor

Arbitrary Layout Design
and Split/Encoding

LG SuperSign™

Content
Playback

Dimension

49"

1,077.7(W)   1.2(RIGHT)
89.7(D)
600
2.3(UP)
607.8(H)
400
2.3(LEFT)
1.2(BOTTOM)
88.1
351.4(AC SOCKET)
111.4

Connectivity

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① RS232C IN
② RS232C OUT
③ USB
④ HDMI IN
⑤ DVI IN

⑥ DVI OUT
⑦ RGB / AV / COMPONENT IN
⑧ IR IN
⑨ LAN

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Specifications

49VL7D

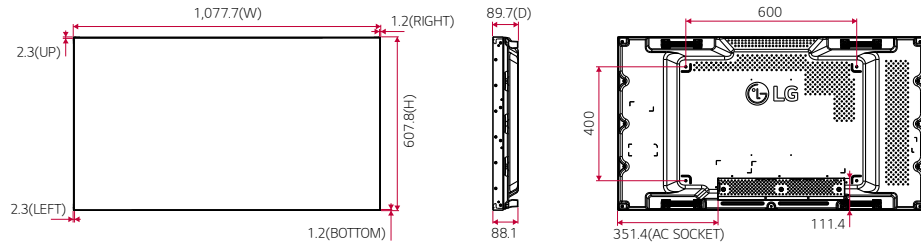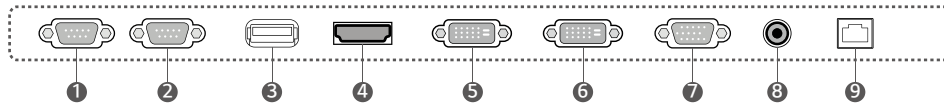|		
PANEL	Screen Size	49"
	Aspect Ratio	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)
	Brightness	700 cd/m²
	Viewing Angle (H x V)	178 x 178
	Surface Treatment	Hard Coating (3H), Anti-glare Treatment of the Front Polarizer (Haze 3%)
	Life time	50,000 Hrs
	Operation Hours	24 Hrs
	Orientation	Landscape & Portrait
CONNECTIVITY	Input	HDMI, DVI-D, RGB, USB
	Output	DVI-D
	External Control	RS232C In/out, RJ45 In, IR Reveiver In
PHYSICAL SPECIFICATION	Bezel Color	Black
	Bezel Width	2.3 mm (L/R) / 1.2 mm (R/B)
	Monitor Dimension (W x H x D)	1,077.6 x 607.8 x 89.7 mm
	Weight (Head)	17.8 kg
	Carton Dimensions (W x H x D)	1,214 x 778 x 263 mm
	Packed Weight	22.8 kg
	Handle	Yes
	VESA™ Standard Mount Interface	600 x 400 mm
SPECIAL FEATURES		Temperature Sensor, Tile Mode (Up to 15x15), Natural Mode @Tile Mode, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB
ENVIRONMENT 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.	130 W
	Power Consumption — Smart Energy Saving	50 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC
	ErP / Energy Star	NA / Energy Star 7.0 (US Only)
MEDIA PLAYER COMPATIBILITY	Slot PC Compatible (Optional)	No
	External Media Player Attachable	Yes
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign CMS
	Control and Monitoring Software	SuperSign C
ACCESSORIES	Basic	Remote Controller, Power Cable, DVI Cable, Manual, IR Receiver, RS232C Cable, Guide Bracket, Screw
	Optional	Wall Mount (Landscape: WM-L640V, Portrait: WM-P640V)

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