* All images are for illustrative purposes only.

Indoor LED LAS-V Series

LG LED Signage

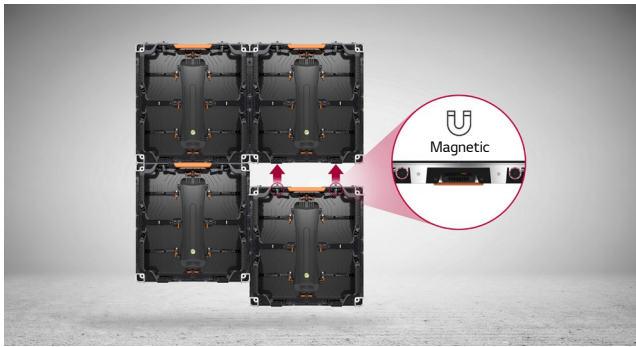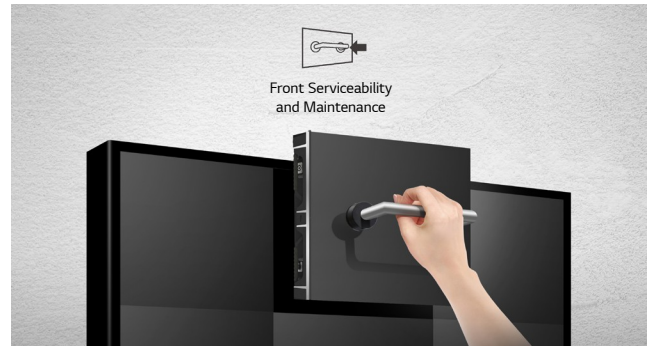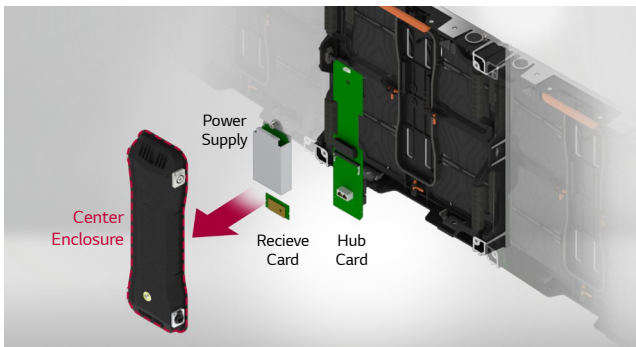|		
Fast Installation and Teardown	Front Module Removal	Easy Maintenance
Simple Status Check	Uniform Picture Quality with Accurate colors	Compatibility with LG Software Solutions

Fast Installation and Teardown

The LED cabinets are attached via magnets for easy installation. Moreover, lock handles on the top and sides make it easy for even one person to set up and dismantle the cabinets.
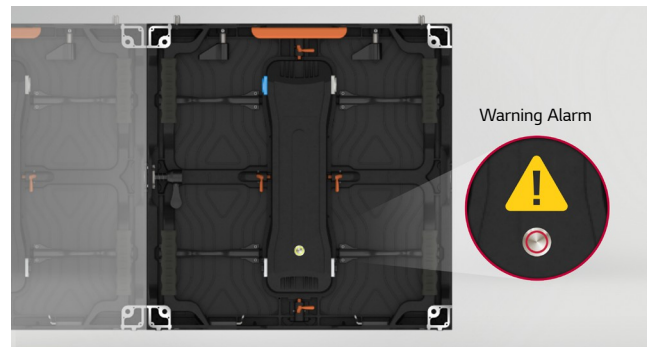

Front Module Removal

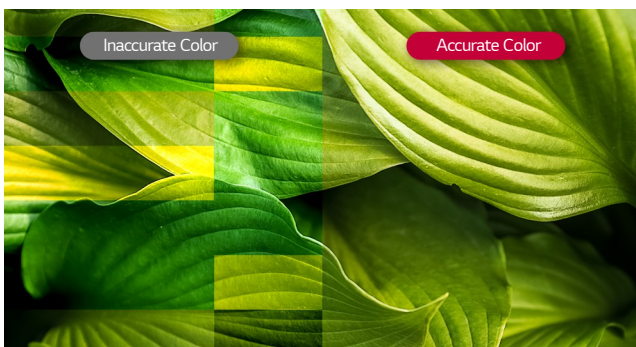With magnetic tool, LED module can be easily removed.

Easy Maintenance

The center enclosure on the back of the product conveniently includes a power supply module, receive card, and hub card, making it easy to maintain the components.

Simple Status Check

You can easily check power and signal status through the status button on the outside of the cabinet (alternates between red and green). The button shows test patterns, eliminating the need to connect the source.

Vividness with Color Accuracy

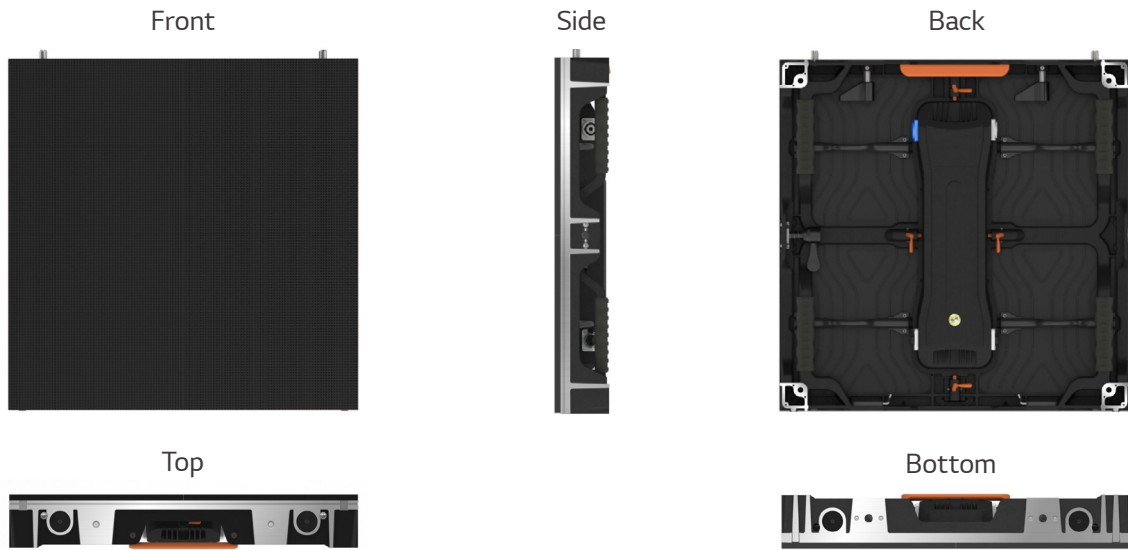LG's rigorous quality standards also make LG LED signage reproduce accurate colors, vividly displaying the original colors of objects without distortion.

Compatibility with LG Software Solutions
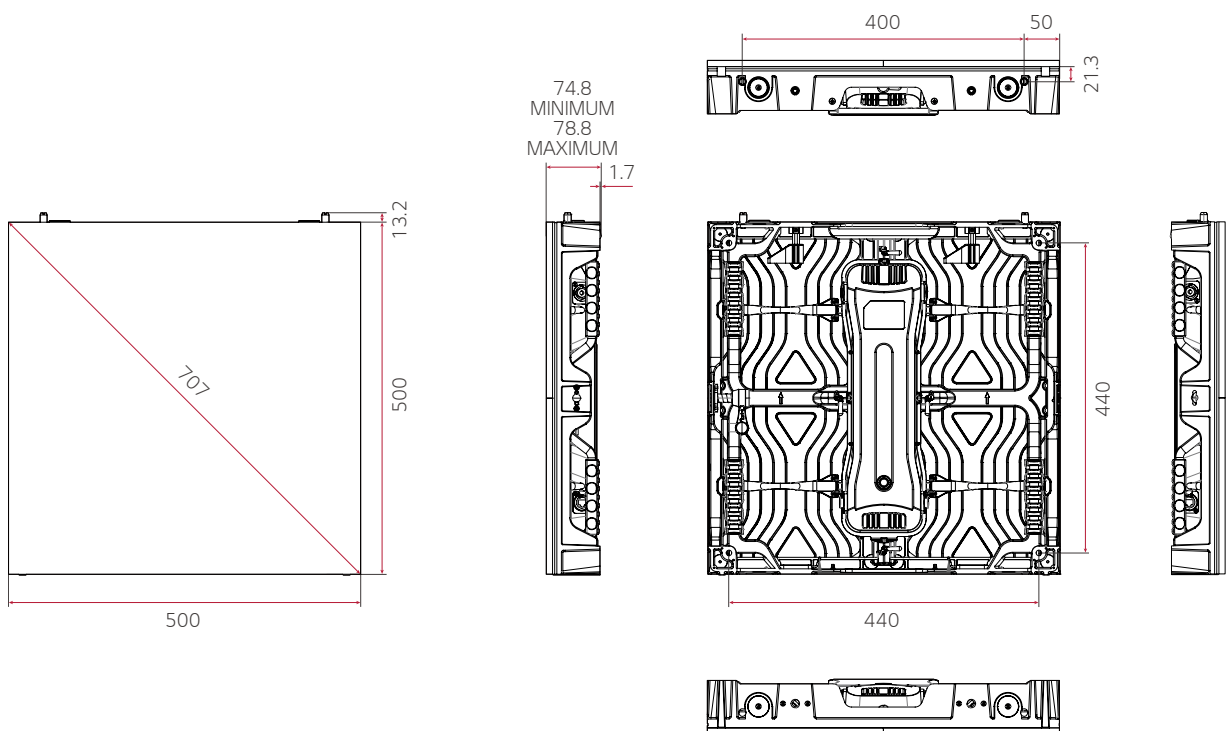
Powered by LG's high performance system controller, the LAS-V series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and Signage365Care, which help customers operate their own business flawlessly.

PRODUCT IMAGE

Front

Side

Back

Top

Bottom

DIMENSION

(unit: mm)

400

50

21.3

74.8
MINIMUM
78.8
MAXIMUM

1.7

13.2

707

500

500

440

440

SPECIFICATIONS

Panel	Model Name	LAS025DB9-V	LAS039DB9-V
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	2.50	3.90
	Module Resolution (W × H)	100 × 100	64 × 64
	Module Dimensions (W × H, mm)	250 × 250	250 × 250
	Weight per Module (kg)	0.54	0.54
	No. of Modules per Cabinet (W × H)	2 × 2	2 × 2
	Cabinet Resolution (W × H)	200 × 200	128 × 128
	Cabinet Dimensions (W × H × D, mm)	500 × 500 × 74	500 × 500 × 74
	Cabinet Surface Area (m²)	0.250	0.250
	Weight per Cabinet (kg/Cabinet)	7.0	7.0
	Weight per Square Meter (kg/m²)	28.0	28.0
	Physical Pixel Density (pixels/m²)	160,000	65,536
	Flatness of Cabinet (mm)	±0.5	±0.5
	Cabinet Material	Die Casting Aluminum	Die Casting Aluminum
	Service Access	Front	Front
Optical Specifications	Min. Brightness (After Calibration)	1,000 nit	1,000 nit
	Color Temperature	3,000-10,000	3,000-10,000
	Visual Viewing Angle (H × V)	160 × 140	160 × 140
	Brightness Uniformity	97%	97%
	Color Uniformity	±0.003 Cx,Cy	±0.003 Cx,Cy
	Contrast Ratio	8,000	8,000
	Processing Depth (bit)	16	16
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	160	160
	Power Consumption (W/Cabinet, Avg.)	58	56
	Power Consumption (W/m², Max.)	640	640
	Power Consumption (BTU/Cabinet, Max.)	546	546
	Power Consumption (BTU/Cabinet, Avg.)	198	191
	Power Consumption (BTU/m², Max.)	2,184	2,184
	Power Supply (V)	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	3,840
Operation Specifications	Lifetime (Hours to Half Brightness)	100,000	100,000
	Operating Temperature	-10℃ to +40℃	-10℃ to +40℃
	Operating Humidity	10-80% RH	10-80% RH
	IP Rating Front	IP30	IP30
	IP Rating Rear	IP30	IP30
Certification		CE / FCC / cTUVus / CB	CE / FCC / cTUVus / CB
Environment		RoHS / REACH	RoHS / REACH

Controller	Model Name	LCLG006			
Connectivity	Input	HDMI (HDCP 2.2)	Software	Platform	webOS 4.0 w / Open API Support
		DP (HDCP 2.2, HDCP 1.4)		Setup and Maintenance	LG LED Assistant
		OPS		Content Management	LG SuperSign CMS
		USB 2.0		Cloud Monitoring	LG Signage365Care
	Output	Gigabit Ethernet ×16	Physical Specs	Dimensions (W × H × D, mm)	443 × 63 × 307.5 → EIA Standard Rack (2U)
	Control	RS-232C In/Out (4 pin phone-jack)			
		RJ45 In (LAN)		Weight (kg)	4.9
Video	Resolution	3,840 × 2,160 @ 60Hz	Power Specs	Power Supply (V)	AC 100-240 V, 50/60 Hz
	Format	RGB YCbCr4:4:4 YCbCr4:2:2		Power Type	Built-in Power
				Power Consumption (W)	50 (Max.)
Feature		8 GB (System 4 GB + Available 3.6 GB)	Environmental Conditions	Operation Temperature	0℃ to 40℃
		Temperature Sensor		Operation Humidity	10% to 80%
		Local Key Operation	Certifications	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1
		Signal Redundancy			
		HDR10		EMC	FCC Class "A" / CE / KC

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