



* All images are for illustrative purposes only.

Outdoor LED GSPA Series

Outdoor Signage with Long-Range Visibility

Capture Attention from Afar with Stunning Clarity.



A Variety of
Cabinet Sizes



90° Degree
Corner Cut Design



High Brightness
for Outdoor



Easy Installation
and Maintenance



Compatibility with
LG Software Solutions

GSPA

Pixel Pitch	10 / 6.67 mm
Brightness	10,000 cd/m ² (10,000 nits) 8,000 cd/m ² (8,000 nits) 6,000 cd/m ² (6,000 nits)
Service Access	Front and Rear
IP Rating Front / Rear	IP66

Life's Good.



Long-Range Visibility

Ideal for long-distance visibility, our GSPA6.6/10.0 models are perfect for large billboards and mid-to-high building facades. Capture attention from a distance with crisp, clear text and vibrant visuals.



Enhanced Energy Efficiency

Compared to LG's traditional model, power consumption has decreased by more than 21%*, based on the same brightness. This means that operating costs are significantly reduced.

* Power consumption improvement is compared to the LG GSEG100-GS model.



Flexible Installation

The GSPA series offers two sizes of cabinets, allowing for a screen size configuration that perfectly meets customer demands. Both side-cut cabinets can also be used as described. The GSPA series integrates seamlessly into the space and delivers smooth content to customers.



High Brightness for Outdoor

Optionally, users can choose among several models, such as P10 / 10,000 cd/m², P10 / 8,000 cd/m², P6.6 / 8,000 cd/m², and P6.6 / 6,000 cd/m². It can also be optimized for screen time, region, regulations, and power consumption, depending on different environmental conditions. The P10 operates at temperatures up to 60°C and can be reliably installed at altitudes of up to 5,000 meters.

* Brightness options are set before shipment from the factory, and cannot be changed after installation.



Compatibility with LG Software Solutions

When connected with LG's CVGA system controller, the GSPA series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers operate their own business properly.

* The availability of the 'LG ConnectedCare' service differs by region, and it needs to be purchased separately. So please contact the LG sales representative in your region for more details.

* The items that can be monitored by LG ConnectedCare : Main Board (Temp, Signal Status, FPGA Ver, Ethernet Connection Status), Receiving Card (Temp, LED Power)

* Actual GUI may vary in different webOS versions. * LG Software solutions needs to be purchased separately.

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SPECIFICATIONS

	Model name	GSPA066	GSPA100
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch (mm)	P6.67	P10.0
	Module Resolution (W x H)	72 x 48	48 x 32
	Module Dimensions (W x H, mm)	480 x 320	480 x 320
	Weight per Module (kg)	1.65	1.65
	No. of Modules per Cabinet (W x H)	2 x 3	2 x 3
	Cabinet Resolution (W x H)	144 x 144	96 x 96
	Cabinet Dimensions (W x H x D, mm)	960 x 960 x 68	960 x 960 x 68
	Cabinet Surface Area (m ²)	0.92	0.92
	Weight per Cabinet (kg/unit)	20.5	20.5
	Weight per Square Meter (kg/m ²)	22.5	22.5
	Physical Pixel Density (pixels/m ²)	22,500	10,000
	Flatness of Cabinet (mm)	±0.5	±0.5
	Cabinet material	Aluminum	Aluminum
	Service access	Front & Rear	Front & Rear
Optical Specifications	Max Brightness (After Calibration, nits)	Max. 6,000 cd/m ² (6,000 nits)	Max. 8,000 cd/m ² (8,000 nits)
	Color Temperature (K)	3,200 ~ 9,300	3,200 ~ 9,300
	Visual Viewing Angle (Horizontal)	160	160
	Visual Viewing Angle (Vertical)	140	140
	Brightness Uniformity (%)	0.97	0.97
	Color Uniformity	±0.003Cx, Cy	±0.003Cx, Cy
	Contrast Ratio	15,000 : 1	15,000 : 1
	Processing Depth (bit)	14 (HDR10, HDR10 Pro)	14 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	580	580
	Power Consumption (W/Cabinet, Avg.)	193	193
	Power Consumption (W/m ² , Max.)	630	630
	Heat Dissipation (BTU/h/Cabinet, Max.)	1,583	1,583
	Heat Dissipation (BTU/h/Cabinet, Avg.)	526	526
	Heat Dissipation (BTU/h/m ² , Max.)	1,720	1,720
	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	Operating Temperature (°C)	-30°C to +50°C	-30°C to +60°C
	Operating Humidity	10~90% RH	10~90% RH
	IP rating Front	IP66	IP66
	IP rating Rear	IP66	IP66
	LED Lifetime (Half brightness)	100,000	100,000
Standard	Certification	CE, CB, ETL, FCC	CE, CB, ETL, FCC
Environment	Environment	RoHS, REACH	RoHS, REACH, UAE RoHS
Controller	Controller	CVGA / LCQT	CVGA

Creative Visualization

*Product Images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Color/shades may vary due to printing restrictions. E&OE.