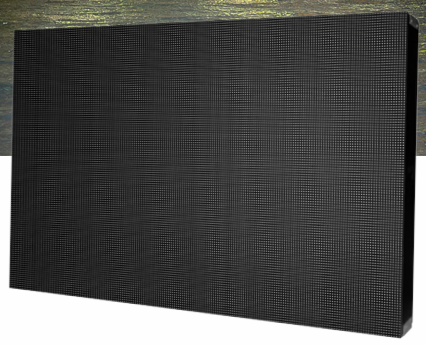
LG Business Solutions



Outdoor DVLED GSEH Series

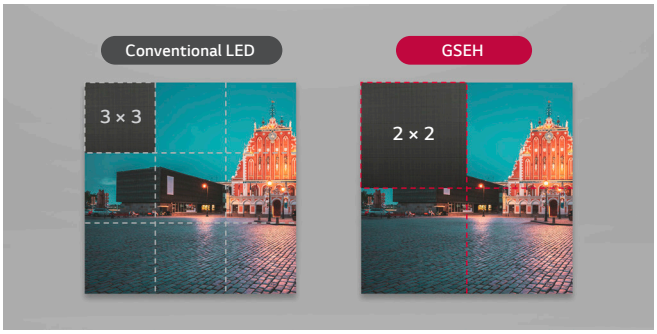
Ultra High Brightness Series

- Ultra High Brightness
- Quick Installation
- Easy Maintenance
- Compatibility with LG Software Solutions

GSEH	
Pixel Pitch	6.00 / 8.00 / 10.67 / 16.00 mm
Brightness	8,500 nits
Weight per Cabinet	42 lbs. / 42.0 kg(P6.00) 229.3 lbs. / 104.0 kg(P8.00, P10.67, P16.00)
Service Access	Front and Rear
IP Rating Front / Rear	IP65 / IP54

Ultra High Brightness

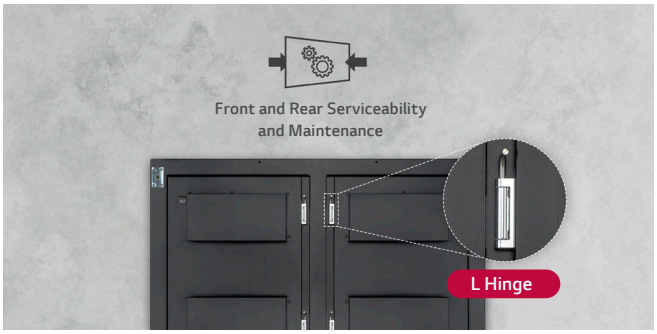
8,500 nits delivers clear content and attracts public attention, which is suitable for outdoor display visibility.



Quick Installation

The GSEH series is 1.5 times larger than a conventional LED cabinet*, making it much easier to fit a screen of the same size.

*Conventional LED cabinet size is 1.0 x 1.0m



Easy Maintenance

When rear service is required, the L-shaped hinges that are supported on the front and the rear of the cabin doors can be removed. This allows maintenance to be performed in a narrow space.

Compatibility with LG Software Solutions

Powered by LG's high performance system controller, the LSAC series is compatible with LG software solutions including SuperSign CMS, LED Assistant, and ConnectedCare, which help customers have even more control over their systems.*

* LG ConnectedCare and LG SuperSign CMS are each sold separately. Actual user interface may very in different webOS versions.

SPECIFICATIONS

		GSEH060-GR	GSEH080-GR	GSEH100-GR	GSEH160-GR
Pitch Name		P6.00	P8.00	P10.67	P16.00
Physical Parameters	Pixel Configuration	Single SMD	Single SMD	Single SMD	Single SMD
	Pixel Pitch (mm)	6.00	8.00	10.67	16.00
	Module Resolution (W × H)	32 × 32	24 × 24	18 × 18	12 × 12
	Module Dimensions (W x H, in. / mm)	7.6 x 7.6 / 192 x 192	7.6 x 7.6 / 192 x 192	7.6 x 7.6 / 192 x 192	7.6 x 7.6 / 192 x 192
	Weight per Module (lbs. / kg)	1.2 / 0.54	1.3 / 0.57	1.2 / 0.56	1.2 / 0.56
	No. of Modules per Cabinet (W × H)	6 × 4	8 × 8	8 × 8	8 × 8
	Cabinet Resolution (W × H)	192 × 128	192 × 192	144 × 144	96 × 96
	Cabinet Dimensions (W x H x D, in. / mm)	45.4 x 30.2 x 8.5 / 1,152 x 768 x 217	60.5 x 60.5 x 8.7 / 1,536 x 1,536 x 222	60.5 x 60.5 x 8.7 / 1,536 x 1,536 x 222	60.5 x 60.5 x 8.9 / 1,536 x 1,536 x 227
	Cabinet Surface Area (ft² / m²)	9.5 / 0.885	25.4 / 2.359	25.4 / 2.359	25.4 / 2.359
	Weight per Cabinet (lbs. / kg)	92.6 / 42	229.3 / 104.0	229.3 / 104.0	229.3 / 104.0
	Weight per Square Meter (lbs./ft² / kg/m²)	9.7 / 47.5	9.03 / 44.1	9.03 / 44.1	9.03 / 44.1
	Physical Pixel Density (pixels/m²)	27,777	15,625	8,789	3,906
	Flatness of Cabinet (mm)	±1.0	±1.0	±1.0	±1.0
	Cabinet Material	Al	Al	Al	Al
	Service Access	Front and Rear	Front and Rear	Front and Rear	Front and Rear
Optical Specifications	Max Brightness (After Calibration, nits)	8,500	8,500	8,500	8,500
	Color Temperature (K)	3,500-8,500	3,500-8,500	3,500-8,500	3,500-8,500
	Visual Viewing Angle (H × V)	160° × 130°	160° × 130°	160° × 140°	160° × 105°
	Brightness Uniformity	97%	97%	97%	97%
	Color Uniformity	±0.05 Cx, Cy	±0.05 Cx, Cy	±0.05 Cx, Cy	±0.05 Cx, Cy
	Contrast Ratio (Typ.)	4,000 : 1	5,000 : 1	8,000 : 1	10,000 : 1
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)	16 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	690	1,770	1,810	1,690
	Power Consumption (W/Cabinet, Avg.)	276	708	724	676
	Power Consumption (W/m², Max.)	780	750	767	716
	Heat Dissipation (BTU/h/Cabinet, Max.)	2,355	6,040	6,177	5,767
	Heat Dissipation (BTU/h/Cabinet, Avg.)	942	2,416	2,471	2,307
	Heat Dissipation (BTU/h/m², Max.)	2,662	2,560	2,618	2,445
	Power Supply (Vac)	100 to 240	100 to 240	100 to 240	100 to 240
	Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
	Refresh Rate (Hz)	3,840	5,040	7,680	3,840
Operation Specifications	LED Lifetime (Half Brightness)	Up to 100,000 hours	Up to 100,000 hours	Up to 100,000 hours	Up to 100,000 hours
	Operating Temperature (°F / °C)	-22 to 122 / -30 to 50	-22 to 122 / -30 to 50	-22 to 122 / -30 to 50	-22 to 122 / -30 to 50
	Operating Humidity	0-90% RH	0-90% RH	0-90% RH	0-90% RH
	IP Rating Front / Rear	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Warranty		3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
Certification		CE / FCC / ETL	CE / FCC / ETL	CE / FCC / ETL	CE / FCC / ETL
Environment		RoHS, REACH	RoHS, REACH	RoHS, REACH	RoHS, REACH
Controller		CVEA	CVEA	CVEA	CVEA
90 degree corner cut		Yes	Yes	Yes	Yes

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

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SPEC_GSEH Series_062331_LR

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