LG | Business Solutions

THE
MASK
< OPERA >

YOU DO NOT
KNOW MY FACE
BEHIND
THE MASK

COME TO
THE MYSTERIOUS
MASQUERADE

OPERA HOUSE
SEPTEMBER

*All images in this datasheet are for illustrative purposes only
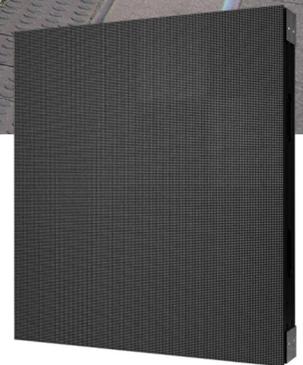
Outdoor LED GSED

Eye-level Accessible LED

Eye-level Pitch
for Outdoor

Design for Durability
and Easy Maintenance

Signal Redundancy
Support

Compatibility with
LG Software Solutions

GSED	
Pixel Pitch	2.50 mm
Brightness	4,000 nit
Weight per Cabinet	8.5 kg/Cabinet
Service Access	Front and Rear
IP Rating	IP66

Eye-level Pitch for Outdoor

Unlike the existing large-scale screen that used to be installed high to secure visibility, the GSED series has a lower pixel pitch of 2.5 mm, which allows installment for eye-level accessibility and to accurately display images even on a smaller screen.
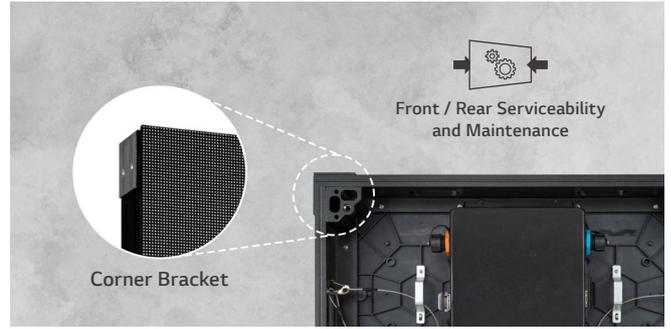
Design for Durability and Easy Maintenance

The GSED series corner brackets provide a solid installation and reduce the risk of twisting. Its accessibility to the front and rear sides allows for easy maintenance for various installation environments.
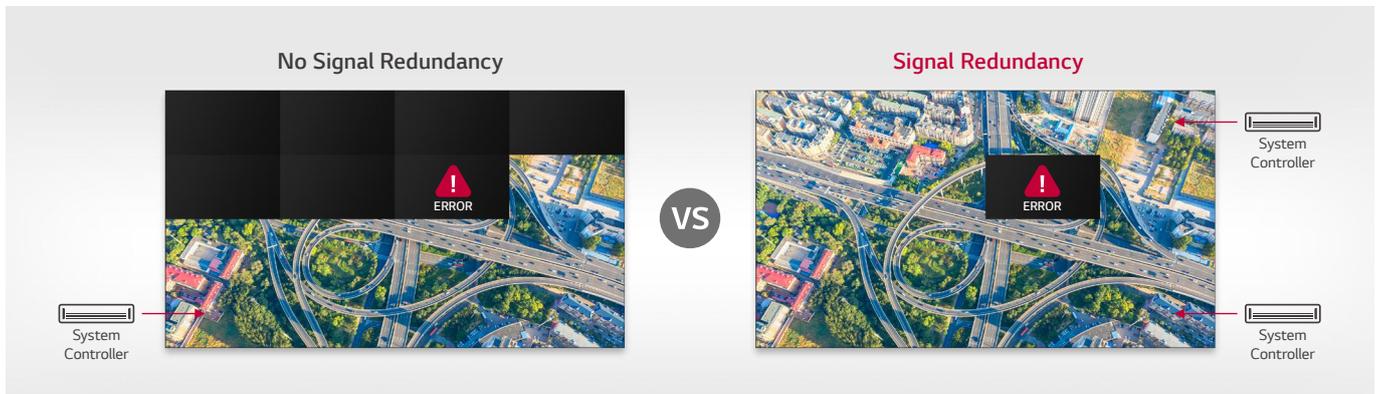
Signal Redundancy Support

The GSED series is designed to support redundancy of signal, providing users with comfort. With an additional system controller, customers can get continuous operation while the dual controllers can reduce screen failures with bi-directional signal input.

* To use Signal redundancy properly, video transmission system has to be arranged suitably. Please check it with LG engineer to confirm it.

Compatibility with LG Software Solutions

When connected with LG's CVEA system controller, the GSED 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.
* SuperSign CMS service needs to be purchased separately.

SPECIFICATIONS

		GSED025-GD
	Pitch Name	P2.50
Physical Parameters	Pixel Configuration	Single SMD
	Pixel Pitch (mm)	2.50
	Module Resolution (W × H)	96 × 108
	Module Dimensions (W × H, mm)	240 × 270
	Weight per Module (kg)	1.05
	No. of Modules per Cabinet (W × H)	2 × 2
	Cabinet Resolution (W × H)	192 × 216
	Cabinet Dimensions (W × H × D, mm)	480 × 540 × 70
	Cabinet Surface Area (m²)	0.26
	Weight per Cabinet (kg/Cabinet)	8.5
	Weight per Square Meter (kg/m²)	32.7
	Physical Pixel Density (pixels/m²)	160,000
	Flatness of Cabinet (mm)	±1.0
	Cabinet Material	Al
	Service Access	Front and Rear
Optical Specifications	Max Brightness (After Calibration, nit)	4,000
	Color Temperature (K)	3,500-8,500
	Visual Viewing Angle (H × V)	160 × 140
	Brightness Uniformity	97%
	Color Uniformity	±0.05 Cx, Cy
	Contrast Ratio	4,000 : 1
	Processing Depth (bit)	16 (HDR10, HDR10 Pro)
Electrical Specifications	Power Consumption (W/Cabinet, Max.)	180
	Power Consumption (W/Cabinet, Avg.)	72
	Power Consumption (W/m², Max.)	694
	Heat Dissipation (BTU/h/Cabinet, Max.)	614
	Heat Dissipation (BTU/h/Cabinet, Avg.)	246
	Heat Dissipation (BTU/h/m², Max.)	2,368
	Power Supply (V)	100 to 240
	Frame Rate (Hz)	50 / 60
	Refresh Rate (Hz)	3,840
Operation Specifications	LED Lifetime (Half Brightness)	100,000
	Operating Temperature (°C)	-30 to +50
	Operating Humidity	0-90% RH
	IP Rating Front / Rear	IP66 / IP66
Certification		CE / FCC / ETL
Environment		RoHS, REACH
Controller		CVEA
90 Degree Corner Cut		Yes

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

LG | Business Solutions