

Eye-level Accessible LED



Eye-level Pitch for Outdoor



Design for Durability and Easy Maintenance



Signal Redundancy Support



Compatibility with LG Software Solutions

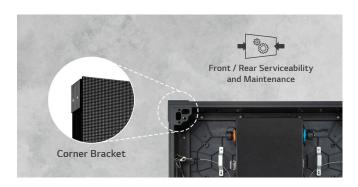
GSED

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			
Pose Picch (mm)		Pitch Name	P2.50
		Pixel Configuration	Single SMD
Module Dimensions (W × H, mm)		Pixel Pitch (mm)	2.50
Physical Parameters No. of Module (eg) 1.05 Physical Parameters Cabinet Consultors (W × H) 2 × 2 Cabinet Dimensions (W × H × D, mm) 480 × 540 × 70 Cabinet Surface Area (m²) 0.26 Weight per Cabinet (kg/cabinet) 8.5 Weight per Supare Meter (kg/cabinet) 3.5 Physical Piscel Penerty (pack/m²) 1.60,000 Platences of Cabinet (mm) ±1.0 Cabinet Material Al Service Acces Fronta and Rear A (900 4,000 Color Tamperature (K) 3,500-8,500 Yould Verying Arrige (H + V) 100 × 140 Bightness Uniformity 9.7% Color Landing Arabo 4,000 · 1 Contract Ratio 4,000 · 1 Processing Depth (Hx) 100 × 140 Processing Depth (Hx) 100 × 140 Processing Depth (Hx) 1,000 · 1 Power Consumption (Wild Alliers, Awa) 72 Power Consumption (Wild Alliers, Awa) 604 Heart Dissipation (RTUAric Alliers, Awa) 614 Heart Dissipation (RTUAric Alliers, Awa)		Module Resolution (W × H)	96 × 108
Physical Parameters Cabnec Resolution (W × H) 19 2 × 216 Cabnec Resolution (W × H) 480 × 540 × 70 Cabnec Dimensions (W × H × D, mm) 480 × 540 × 70 Cabnec Surface Area (m²) 0.26 Weight per Square Meter (kg/m²) 3.2.7 Physical Post Control (kg/Cobinet) 8.5 Weight per Square Meter (kg/m²) 1.00 Catnec Matreal Al Service Access Front and Rear Awas Brightness (After Calibration, nik) 4.000 Cool Temperature (k) 3.500-8.500 Visual Viewing Angle (H × V) 1.00 × 1.00 Brightness Uniformity 9.7% Cool Temperature (k) 3.500-8.500 Visual Viewing Angle (H × V) 1.00 × 1.00 Brightness Uniformity 9.7% Cool Temperature (k) 3.500-8.500 Weight (kit) 1.0 × 1.00 Brightness (Lindown) 9.7% Cool Temperature (k) 1.0 × 1.00 Brightness (Lindown) 1.0 × 1.00 Cool Temperature (k) 1.0 × 1.00 Power Consumption (WCabinec, Max) 1.00		Module Dimensions (W × H, mm)	240 × 270
Parameters Parameter		Weight per Module (kg)	1.05
Physical Parameters (Parameters) Cabinet Dimensions (W × k × D, mm) 480 × 540 × 70 Cabinet Surface Area (m²) 0.26 Weight per Cabinet (kq/Cabinet) 8.5 Weight per Square Meter (lighm²) 16,0000 Physical Dived Density (picket/m²) 16,0000 Flames of Cabinet (mm) ±1.0 Cabinet Material Al Sevice Access Front and Rear Vasual Viewing Angle (H × V) 1600 × 140 Vasual Viewing Angle (H × V) 1600 × 140 Specifications Binglith cas Uniformity ±0.05 Cx, Cy Cool retrains Ratio 4,000 · 1 Processing Depth (bit) 16 (HDR10, HDR10 Pm) Heat Dissipation (BTU/n/Cabinet, Max) 39 Heat Dissipation (BTU/n/Cabinet, Max) 346 Heat Dissipation (BTU/n/Cabinet, Max) 3,340 Heat Dissipation (BTU/n/Cabinet, Max) 3,340 Power Supply (W) 100 to 240 Frame Rate (H2)		No. of Modules per Cabinet (W × H)	2 × 2
Colonite Control Deliver (Very Colonite) Colonite Control Colonite (Very Colonite) Colonite Colonite (Very Colonite)		Cabinet Resolution (W × H)	192 × 216
Cabinet Surface Area (m²)		Cabinet Dimensions (W × H × D, mm)	480 × 540 × 70
Weight per Square Meter (kg/m²) 32.7	i didilietei3	Cabinet Surface Area (m²)	0.26
Piysical Pixel Desity (pixels/m²) 160,000 Flatness of Cabinet (mm)		Weight per Cabinet (kg/Cabinet)	8.5
Flatness of Cabinet (mm)		Weight per Square Meter (kg/m²)	32.7
Cabinet Material Al		Physical Pixel Density (pixels/m²)	160,000
Service Access Front and Rear		Flatness of Cabinet (mm)	±1.0
Age of Deptical Specifications Max Brightness (After Calibration, nit) 4,000 Optical Specifications 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) Power Consumption (W/Cabinet, Max) 180 Power Consumption (W/Wr, Max) 694 Heat Dissipation (BTU/h/Cabinet, Max) 614 Heat Dissipation (BTU/h/Cabinet, Max) 614 Heat Dissipation (BTU/h/Cabinet, Max) 3,368 Power Supply (V) 100 to 240 Frame Rate (Hz) 3,840 Operation Specifications 100,000 Operation Specifications 100,000 Operating Temperature (*C') -30 to +50 Operating Front / Rear 1P66 / IP66 Fertification Certification		Cabinet Material	Al
Color Temperature (K) 3,500-8,500 Visual Viewing Angle (H × V) 160 × 140 Brightness Uniformity 97% Color Uniformity 4,000 : 1 Color Uniformity 4,000 : 1 Processing Depth (bit) 16 (HDR10, HDR10 Pro) Processing Depth (bit) 180 Power Consumption (W/Cabinet, Max) 180 Power Consumption (W/M*, Max) 694 Heat Dissipation (BTU/h/Cabinet, Max) 614 Heat Dissipation (BTU/h/Cabinet, Max) 614 Heat Dissipation (BTU/h/M*, Max) 2,368 Power Supply (V) 100 to 240 Frame Rate (Hz) 3,840 Operation Specifications Operation (EDU/h/m*, Max) 3,840 LED Lifetime (Half Brightness) 100,000 Operation (EDU/h/m*, Max) -30 to +50 Operation (EDU/h/m*, Max) -30 to +50 Operation (EDU/h/m*, Max) -30 to +50 Operation (EDU/h/m*, Max) -30 to		Service Access	Front and Rear
Visual Viswing Angle (H × V) 160 × 140		Max Brightness (After Calibration, nit)	4,000
Optical Specifications Brightness Uniformity 97% Color Uniformity ± 0.05 Cx, Cy Contrast Ratio 4,000 : 1 Processing Depth (bit) 16 (HDR10, HDR10 Pro) Power Consumption (W/Cabinet, Max.) Power Consumption (W/Cabinet, Max.) 180 Power Consumption (W/Cabinet, Max.) 694 Heat Dissipation (BTU/h/Cabinet, Max.) 614 Heat Dissipation (BTU/h/Cabinet, Max.) 2,368 Power Supply (V) 100 to 240 Frame Rate (Hz) 50 / 60 Refresh Rate (Hz) 3,840 Operation Specification LED Urfetime (Half Brightness) 100,000 Operating Temperature (*C) -30 to +50 Operating Temperature (*C) -50 FC / FC / ETL Certification CE / FCC / ETL Environment		Color Temperature (K)	3,500-8,500
Specifications 5 prigntness Uniformity ±0.05 Cx, Cy Color Uniformity ±0.05 Cx, Cy Contrast Ratio 4,000 : 1 Processing Depth (bit) 16 (HDR10, HDR10 Pro) Before Consumption (WCabinet, Max) 180 Power Consumption (WCabinet, Awg) 72 Power Consumption (Wm², Max) 694 Heat Dissipation (BTU/h/Cabinet, Max) 614 Heat Dissipation (BTU/h/Cabinet, Awg) 2,368 Power Supply (V) 100 to 240 Frame Rate (Hz) 50 / 60 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 / FCL Environment RoHs, REACH		Visual Viewing Angle (H × V)	160×140
Electrical Specifications Color Uniformity ±0.05 Cx, Cy Electrical Specifications Specifications Specifications Power Consumption (W/Cabinet, Max.) 180 To present the propertion (W/Cabinet, Max.) 180 Power Consumption (W/Cabinet, Max.) 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 Departion (Persen Rate (Hz)) 3,840		Brightness Uniformity	97%
Processing Depth (bit) 16 (HDR10, HDR10 Pro)	Specifications		±0.05 Cx, Cy
Power Consumption (W/Cabinet, Max) 180		Contrast Ratio	4,000 : 1
Power Consumption (W/Cabinet, Avg.) 72		Processing Depth (bit)	16 (HDR10, HDR10 Pro)
Specification Specifi		Power Consumption (W/Cabinet, Max.)	180
Heat Dissipation (BTU/h/Cabinet, Max.) 614		Power Consumption (W/Cabinet, Avg.)	72
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 Specification Operating Temperature (°C) -30 to +50 Operating Humidity O-90% RH IP Rating Front / Rear IP66 / IP66 Certification CE / FCC / ETL Environment Environment RoHS, REACH Refresh Rear Refresh Reach Refresh Reach Refresh Reach Refresh Reach Refresh Reach		Power Consumption (W/m², Max.)	694
Specifications 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 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		Heat Dissipation (BTU/h/Cabinet, Max.)	614
Heat Dissipation (BTU/h/m², Max.)		Heat Dissipation (BTU/h/Cabinet, Avg.)	246
Frame Rate (Hz) 50 / 60 Refresh Rate (Hz) 3,840 A			2,368
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		Power Supply (V)	100 to 240
Operation Specifications Operating Temperature (°C) -30 to +50 Operating Humidity 0-90% RH IP Rating Front / Rear IP66 / IP66 Certification CE / FCC / ETL Environment RoHS, REACH		Frame Rate (Hz)	50 / 60
Operation Specifications Operating Temperature (°C) -30 to +50 Operating Humidity 0-90% RH IP Rating Front / Rear IP66 / IP66 Certification CE / FCC / ETL Environment RoHS, REACH		Refresh Rate (Hz)	3,840
Specifications Operating Humidity 0-90% RH IP Rating Front / Rear IP66 / IP66 Certification CE / FCC / ETL Environment RoHS, REACH	Operation Specifications	LED Lifetime (Half Brightness)	100,000
Specifications Operating Humidity 0-90% RH IP Rating Front / Rear IP66 / IP66 Certification CE / FCC / ETL Environment RoHS, REACH		Operating Temperature (°C)	-30 to +50
Certification CE / FCC / ETL Environment RoHS, REACH		Operating Humidity	0-90% RH
Environment RoHS, REACH		IP Rating Front / Rear	IP66/IP66
·		Certification	CE / FCC / ETL
Controller	Environment		RoHS, REACH
CONTONE	Controller		CVEA
90 Degree Corner Cut Yes	90 Degree Corner Cut		

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





