



* All images are for illustrative purposes only.

OUTDOOR LG LED SIGNAGE

GSCD Ultra Light Series



Lightweight Design



Easy Maintenance



IP Rated
Weatherproof Design



90° Corner Design
Available

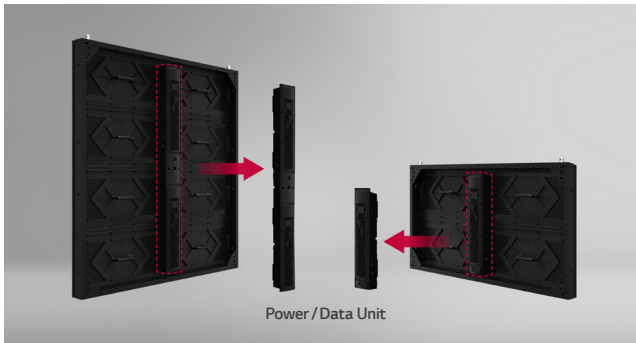


Front or Rear
Serviceability



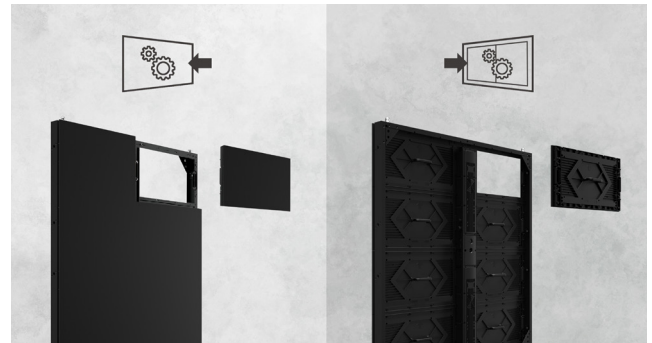
Lightweight Design

The cabinet of the GSCD series is much lighter than that of other outdoor LED displays, significantly reducing the load of the building when a large LED screen is installed on it.



Easy Maintenance

Power and control units attached to the cabinets can be removed, making it easy to fix problems that may arise.



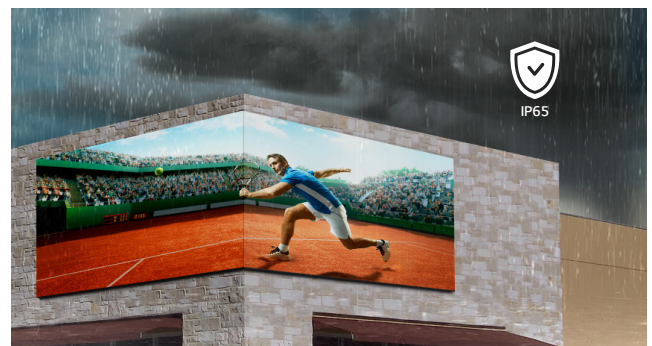
Front or Rear Serviceability

The product offers either front access or rear access, allowing customers to choose installation options according to their environment and minimizes limitations in installation and maintenance.



90° Corner Design Available

If you add a 90° corner option, the GSCD series can deliver virtually seamless content even when installed on the corners.



IP Rated Weatherproof Design

The front and back of the cabinet are IP65 certified, allowing stable operation unaffected by weather and harmful outdoor environments.

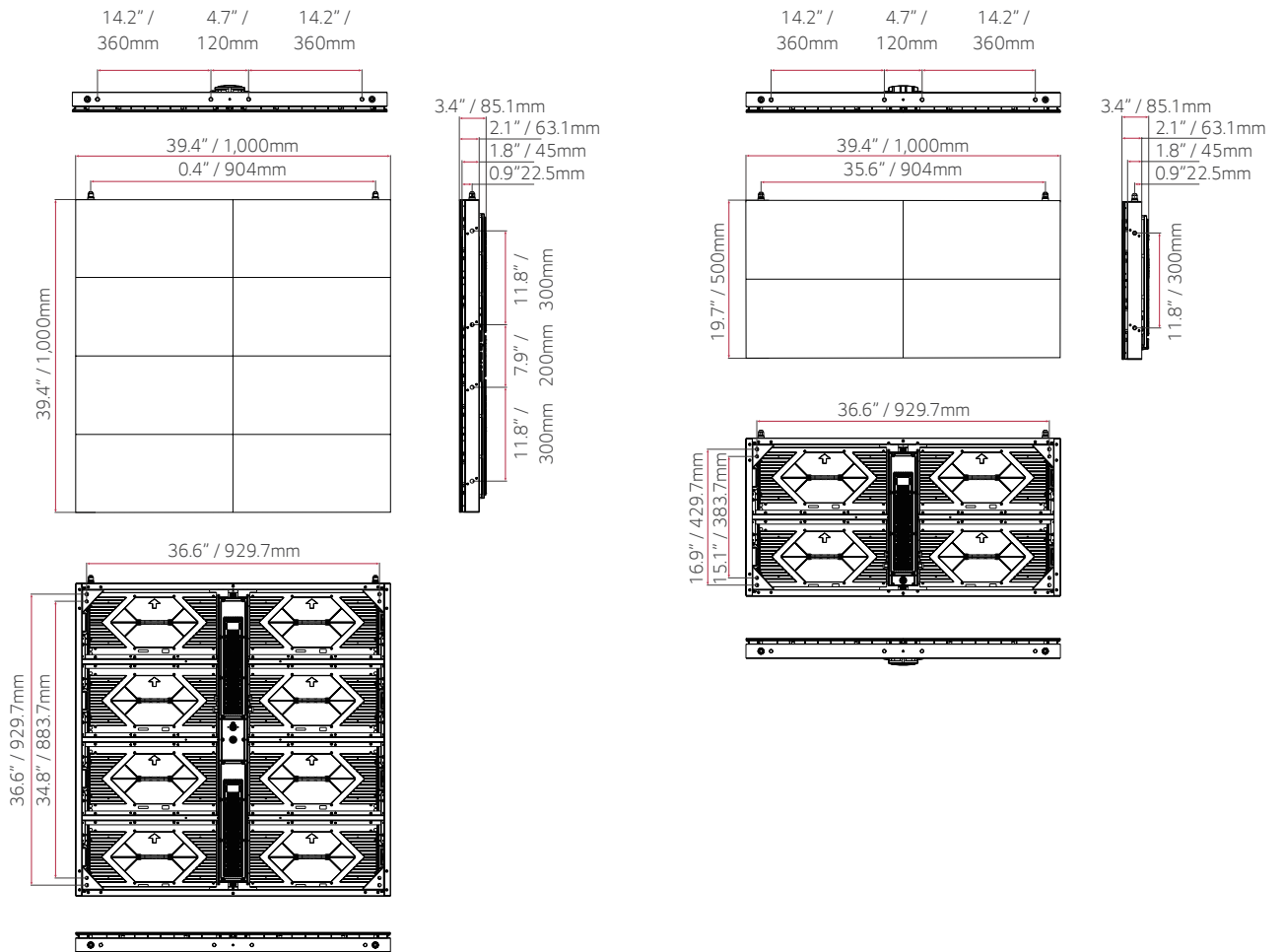
PRODUCT INFORMATION



GSCD Series

Pixel Pitch	10.41 mm
Brightness	5,000 nits
Cabinet Weight	19.0 / 10.6 kg
Serviceability	Front or Rear (One Option Only)
IP Rating	IP65

DIMENSIONS



		GSCD100-GN	GSCD100-GN2
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD	3 in 1 SMD
	Pixel Pitch	10.41 mm	10.41 mm
	Module Resolution (W x H)	48 x 24	48 x 24
	Module Dimensions (W x H)	19.7 x 9.8 in / 500 x 250 mm	19.7 x 9.8 in / 500 x 250 mm
	Weight per Module	2.9 lbs / 1.3 kg	2.9 lbs / 1.3 kg
	LED Package Manufacturer	Nationstar	Nationstar
	No. of Modules per Unit Case (W x H)	2 x 4	2 x 2
	Unit Case Resolution (W x H, pixels)	96 x 96	96 x 48
	Unit Case Dimensions (W x H x D)	"39.4 x 39.4 x 3.4 in 1000 x 1000 x 85.1 mm"	"39.4 x 19.7 x 3.4 in 1000 x 500 x 85.1 mm"
	Unit Case Surface Area	10.8 m ² / 1 m ²	5.38 ft ² / 0.5 m ²
	Weight per Unit Case	41.9 lbs / 19 kg	23.4 lbs / 10.6 kg
	Weight per Square Meter	3.9 lb/ft ² / 19 kg/m ²	4.3 lb/ft ² / 21.2 kg/m ²
	Physical Pixel Density (pixels/m ²)	857 pixels/ft ² / 9,216 pixels/m ²	857 pixels/ft ² / 9,216 pixels/m ²
	Flatness of Unit Case (mm)	±0.5	±0.5
	Unit Case material	Aluminum Profiles	Aluminum Profiles
	Service access	Front or Rear (select one only)	Front or Rear (select one only)
OPTICAL SPECIFICATIONS	Min. Brightness (After Calibration)	5,000 nits	5,000 nits
	Color Temperature	3,500 to 9,000 K	3,500 to 9,000 K
	Visual Viewing Angle (Horizontal)	160°	160°
	Visual Viewing Angle (Vertical)	136°	136°
	Brightness Uniformity	97%	97%
	Color Uniformity	±0.003CxCy	±0.003CxCy
	Contrast Ratio	10,000	10,000
	Processing Depth	14 bit	14 bit
	Electrical Specifications	Max Power Consumption per Unit	650 W
Average Power Consumption per Unit		216 W	110 W
Max Power Consumption per Unit Area		650 W/m ²	660 W/m ²
Max Power Consumption per Unit		2218 BTU	1126 BTU
Average Power Consumption per Unit		737 BTU	375 BTU
Max Power Consumption per Unit Area		2,218 BTU/m ²	2,252 BTU/m ²
Power Supply		100 to 240 Vac	100 to 240 Vac
Frame Rate		50 / 60 Hz	50 / 60 Hz
Refresh Rate		3847 Hz	3848 Hz
Operation Specifications	LED Lifetime (Half brightness)	100,000 hrs	100,000 hrs
	Operating Temperature	-4°F to 122°F / -20°C to +50°C	-4°F to 122°F / -20°C to +50°C
	Operating Humidity	10-99%RH	10-99%RH
	IP rating Front	IP65	IP65
	IP rating Rear	IP65	IP65
Certifications	FCC (Regulatory)	Yes	Yes
	CE (Regulatory)	Yes	Yes
	ETL (Safety)	Yes	Yes
	RoHS (Environmental)	Yes	Yes
Controller	LCIN006	LCIN006	
90 degree corner cut	Yes	No	