



CL series

Carbon fiber rental LED panel

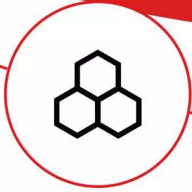


Ultra-slim design

The led panel stands out with carbon fiber material which is very lightweight design. The thickness is only 45mm



Light weight



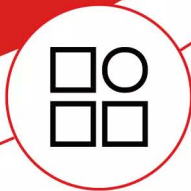
High strength



Arc lock design



Quick install



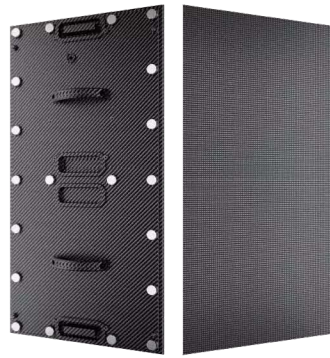
Easy maintenance

Easy maintenance

The led panel adopts an integrated design, independent power box, and the module supports front and rear maintenance

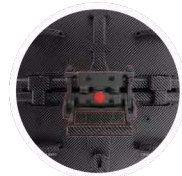


Strong magnetic design



The module's magnetic enhancement design ensures a more perfect flatness of the screen

Bend angle :
 $0^\circ/\pm 2.5^\circ/\pm 5^\circ/\pm 7.5^\circ$



Fast locking system

Using the smart-lock system enables up to 40% faster installation compared to standard LED panels, making it the ideal choice for time-sensitive projects

Foldable air frame



Air Frame is a lightweight and foldable wind-bracing system. Make your LED screen safe and wind-resistant. It is lightweight and easy to transport

Convenient tour dolly



Fast Suspension Rail Car

The use of touring car allows the panels to be placed regularly and installed in sections into trusses, which also improves installation efficiency significantly and saves time and labour costs

Specifications

Indoor

Model	CL1.9	CL2.6	CL3.91
Pixel Pitch (mm)	1.9	2.6	3.91
Physical Density (dot/m ²)	262,144	147,456	65,536
LED Type	4 IN 1	2 IN 1	SMD2020
Module Size (mm)	250x500	250x500	250x500
Module Resolution (dots)	128x256	96x192	64x128
Cabinet Size (mm)	500x1000x45	500x1000x45	500x1000x45
Scanning Mode	1/16	1/16	1/16
Cabinet Material	Carbon fiber	Carbon fiber	Carbon fiber
Weight (KG/PCS)	8.5KG/PCS	8.5KG/PCS	8.5KG/PCS
Brightness (cd/m ²)	1000	1000	1000
Refresh Rate (Hz)	≥7680	≥7680	≥7680
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
Grey Scale (bit)	16	16	16
Input Voltage (V)	AC110-AC220	AC110-AC220	AC110-AC220
Avg. Power Consumption (W/m ²)	206	206	206
Max. Power Consumption (W/m ²)	620	620	620
Maintenance Mode	Front&Rear	Front&Rear	Front&Rear
Rotation Angle	0°/±2.5°/±5°/±7.5°	0°/±2.5°/±5°/±7.5°	0°/±2.5°/±5°/±7.5°
IP Grade	IP40	IP40	IP40
Working Temperature (°C)	-20~ +50	-20~ +50	-20~ +50
Working Humidity (RH)	10%~90%	10%~90%	10%~90%
Storage Temperature (°C)	-30~ +70	-30~ +70	-30~ +70
Storage Humidity Range (RH)	10%~90%	10%~90%	10%~90%
Life Span (H)	≥100,000	≥100,000	≥100,000

Outdoor

Model	CL2.9	CL3.91	CL4.81
Pixel Pitch (mm)	2.9	3.91	4.81
Physical Density (dot/m ²)	112,896	65,536	43,264
LED Type	SMD1415	SMD1921	SMD1921
Module Size (mm)	250x500	250x500	250x500
Module Resolution (dots)	84x168	64x128	52x104
Cabinet Size (mm)	500x1000x45	500x1000x45	500x1000x45
Scanning Mode	1/14	1/16	1/13
Cabinet Material	Carbon fiber	Carbon fiber	Carbon fiber
Weight (KG/PCS)	9KG/PCS	9KG/PCS	9KG/PCS
Brightness (cd/m ²)	5000	5000	5000
Refresh Rate (Hz)	≥7680	≥7680	≥7680
Viewing Angle (H/V)	140°/140°	140°/140°	140°/140°
Grey Scale (bit)	16	16	16
Input Voltage (V)	AC110-AC220	AC110-AC220	AC110-AC220
Avg. Power Consumption (W/m ²)	220	220	220
Max. Power Consumption (W/m ²)	664	664	664
Maintenance Mode	Front&Rear	Front&Rear	Front&Rear
Rotation Angle	0°/±2.5°/±5°/±7.5°	0°/±2.5°/±5°/±7.5°	0°/±2.5°/±5°/±7.5°
IP Grade	IP65	IP65	IP65
Working Temperature (°C)	-20~ +50	-20~ +50	-20~ +50
Working Humidity (RH)	10%~90%	10%~90%	10%~90%
Storage Temperature (°C)	-30~ +70	-30~ +70	-30~ +70
Storage Humidity Range (RH)	10%~90%	10%~90%	10%~90%
Life Span (H)	≥100,000	≥100,000	≥100,000

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