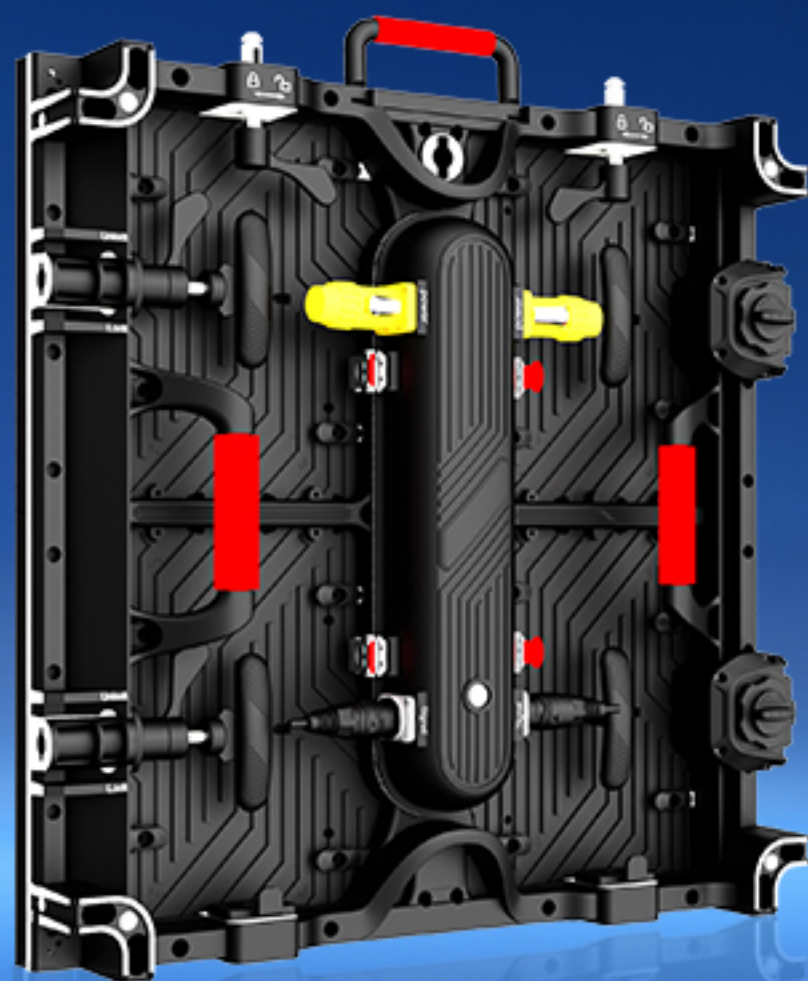


PROFESSIONAL RENTAL LED DISPLAY

ORBIT SERIES





ORBIT SERIES

Professional Rental LED Display Solution

Pixel Pitch

P1.25/P1.56/P1.95/P2.5/P2.604/P2.976/P3.91/P4.81/P5.95

Cabinet size

500x1000 / 500x500mm

Contrast Ratio

15000:1

Refresh rate

3840-7680Hz

Module size

250x250mm

Brightness

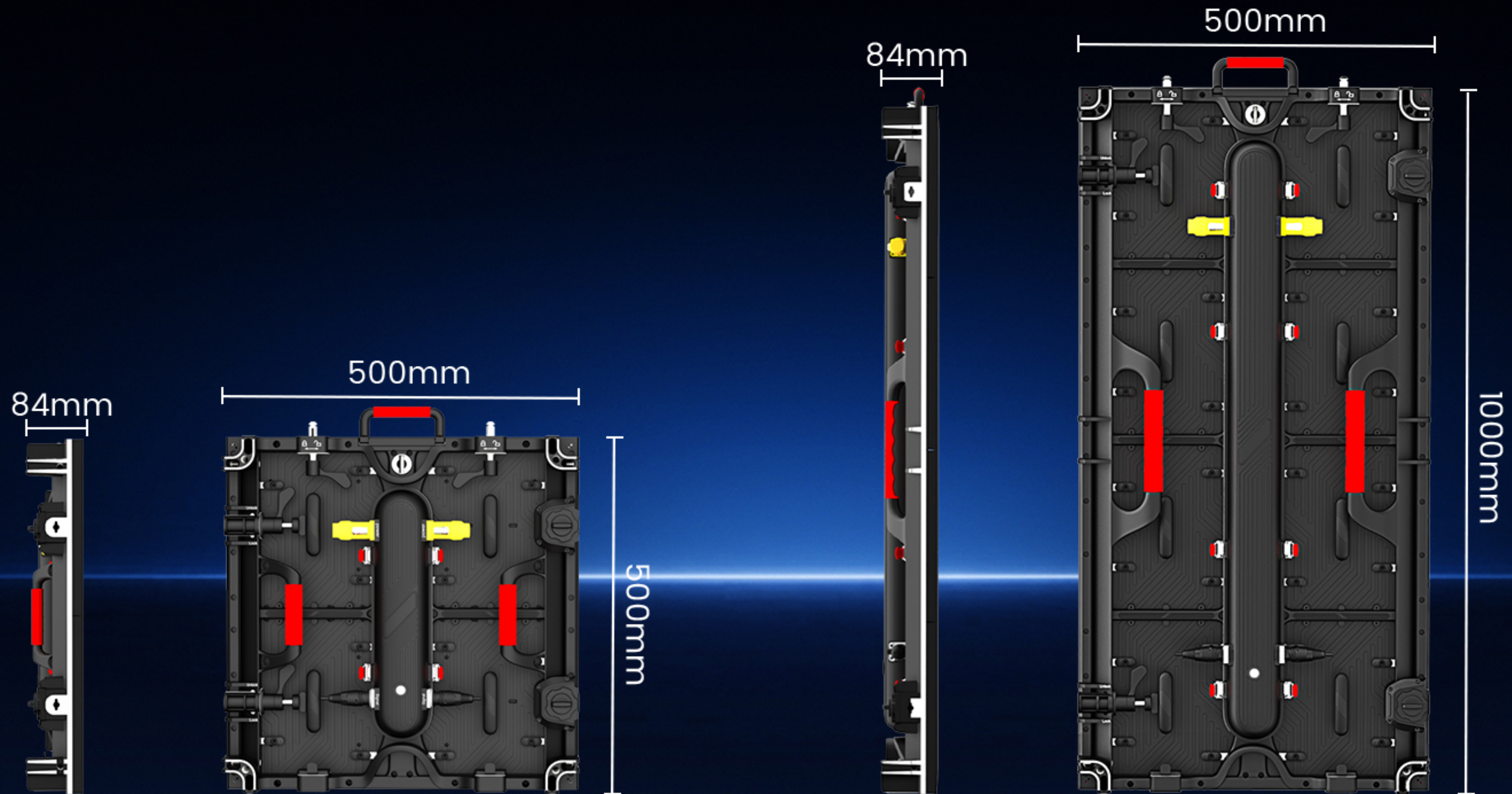
$600 \leq 5000 \text{cd/m}^2$

Weather rating

IP31/IP65

CABINET DIMENSIONS

500x500x84/500x1000x84mm

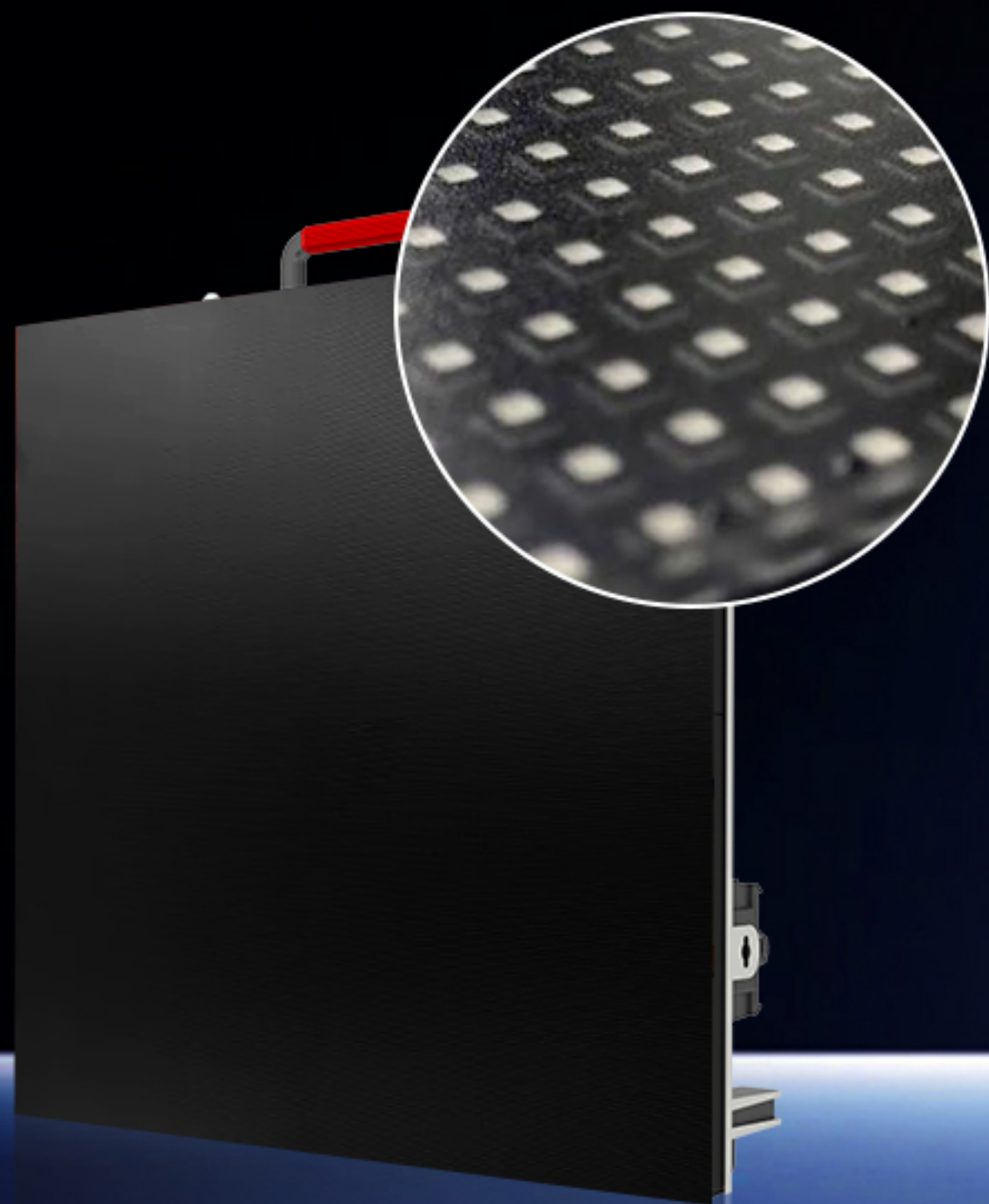


3840-7680HZ HIGH REFRESH RATE

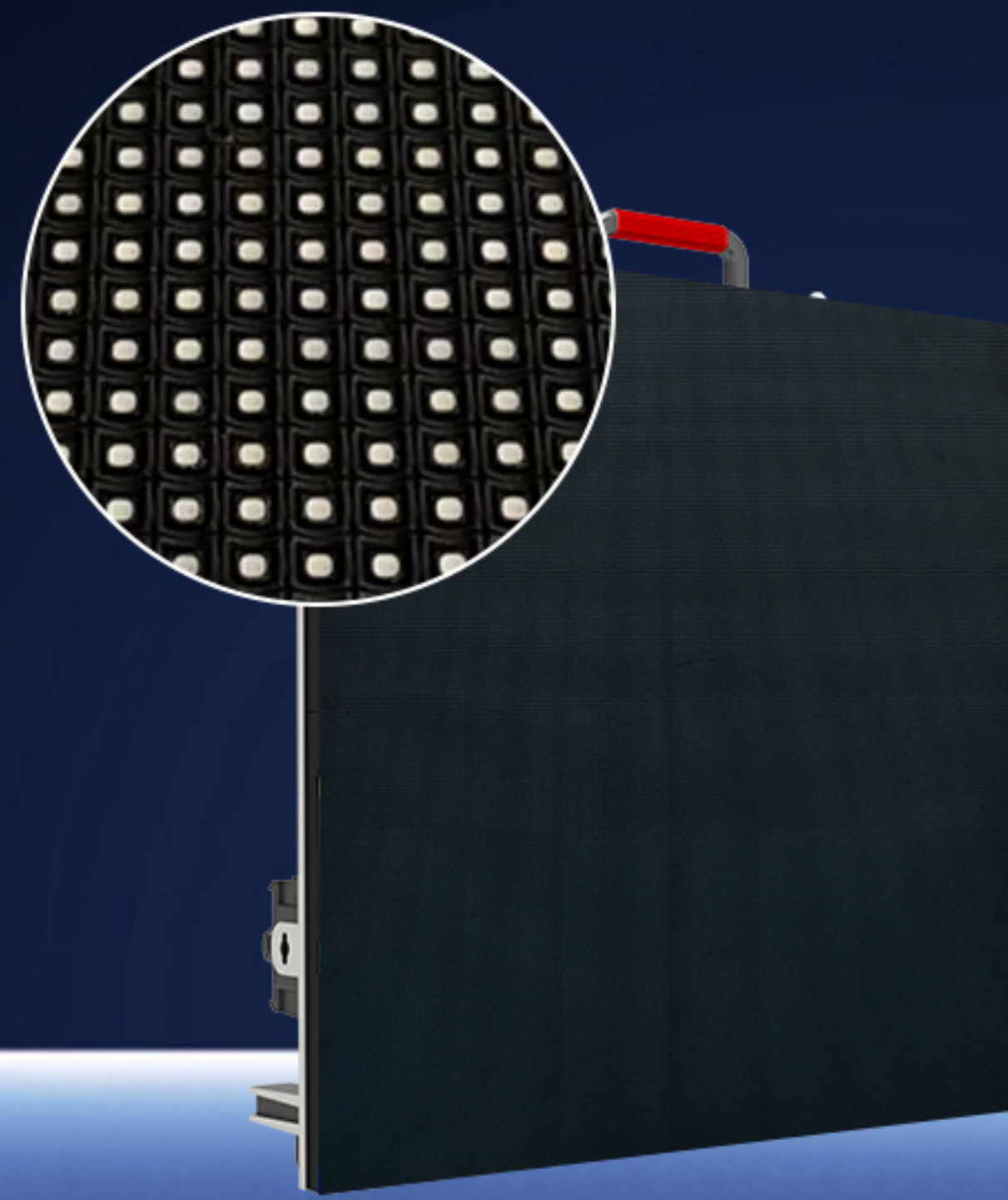
Supports 3840-7680Hz high refresh rate, ensuring smooth and stable images, making it suitable for stage performances, live broadcasting, XR applications, and camera shooting environments.



OPTIONAL GOB / SMD TECHNOLOGY



The GOB version provides enhanced protection against impact, moisture, and dust, making it ideal for high-frequency rental applications and close viewing environments.



The SMD version delivers fine image quality and natural colors, suitable for standard rental display projects.

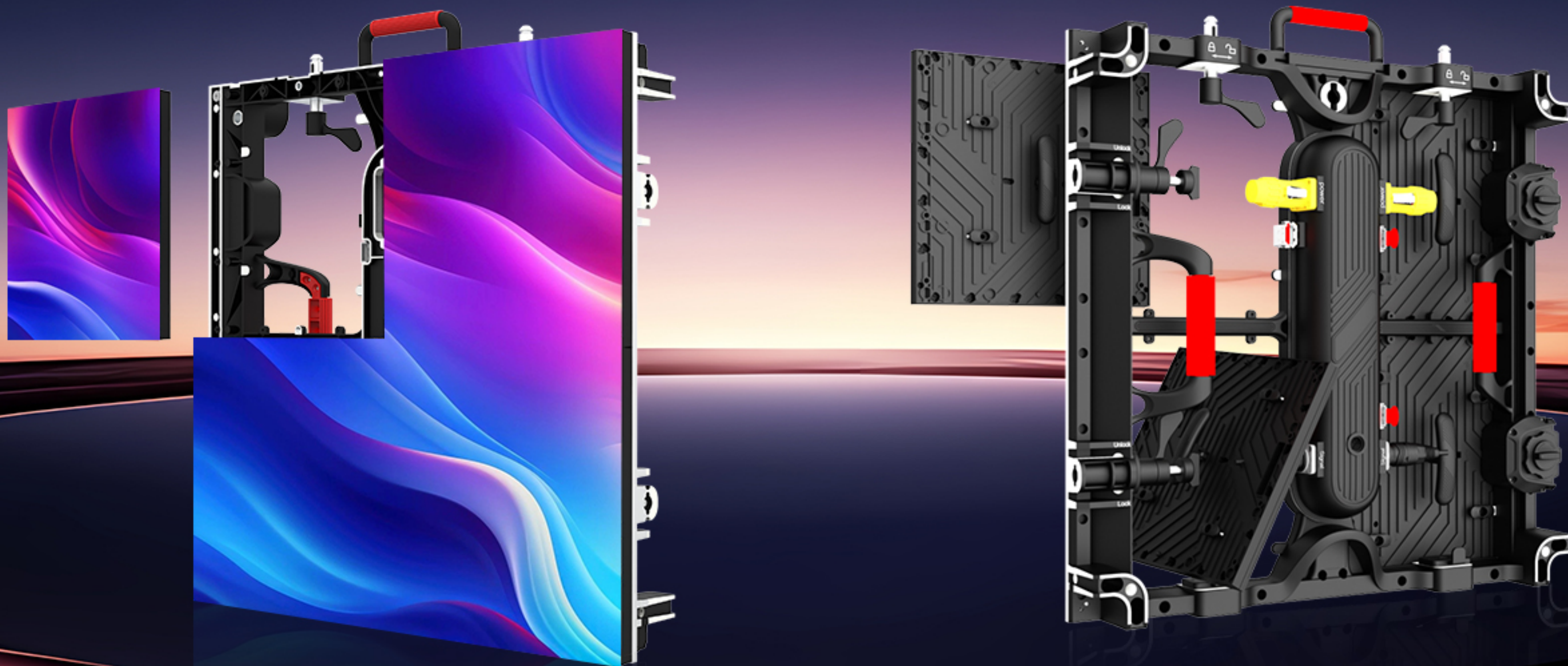
5000NITS HIGH BRIGHTNESS

The outdoor version delivers up to 5000nits brightness, ensuring clear and vivid images for outdoor stages, music festivals, exhibitions, and high ambient light environments.



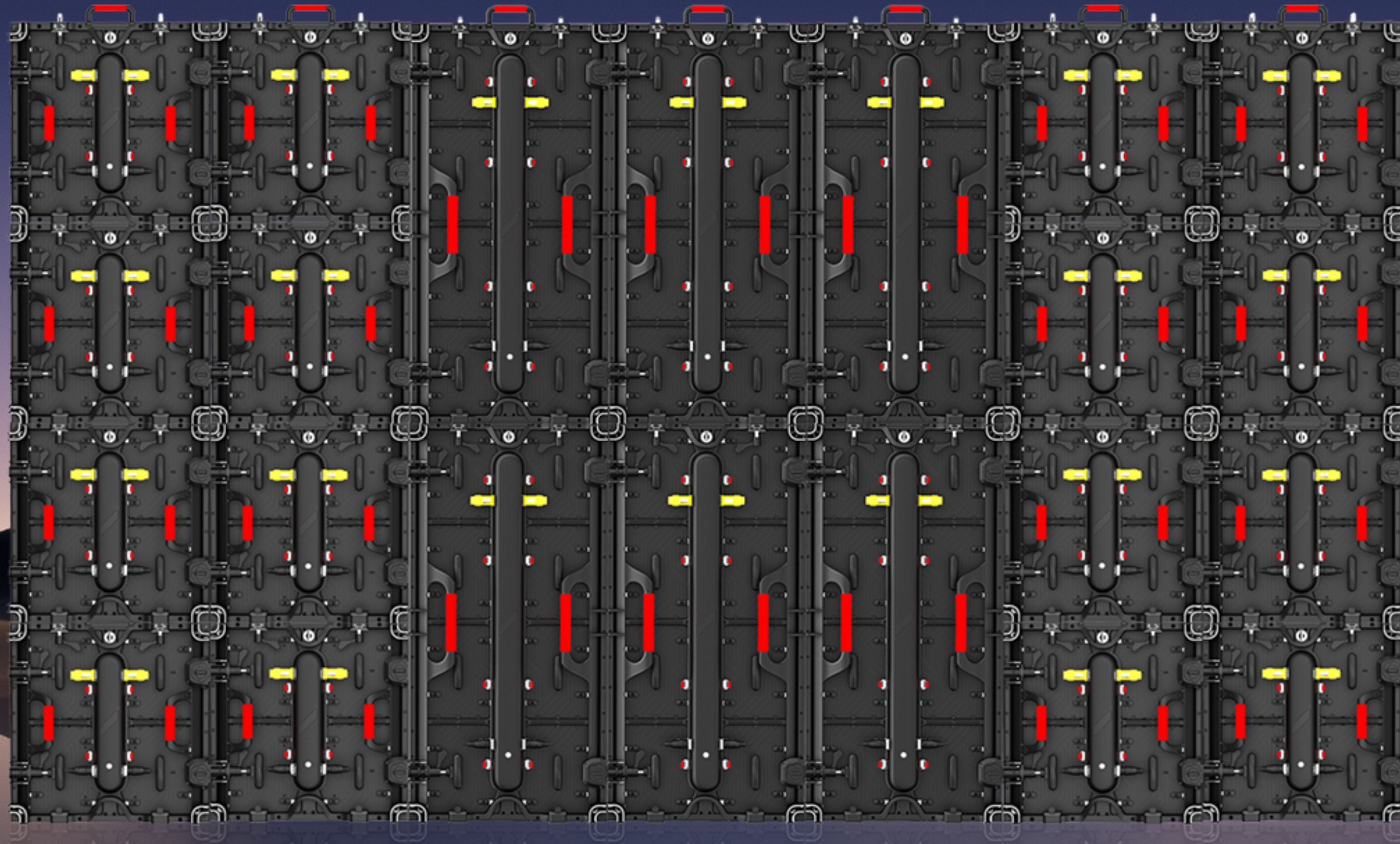
FRONT & REAR MAINTENANCE DESIGN

Supports both front and rear maintenance, allowing flexible servicing of modules, power supplies, and receiving cards. Suitable for hanging, stacking, and space-limited installation scenarios.



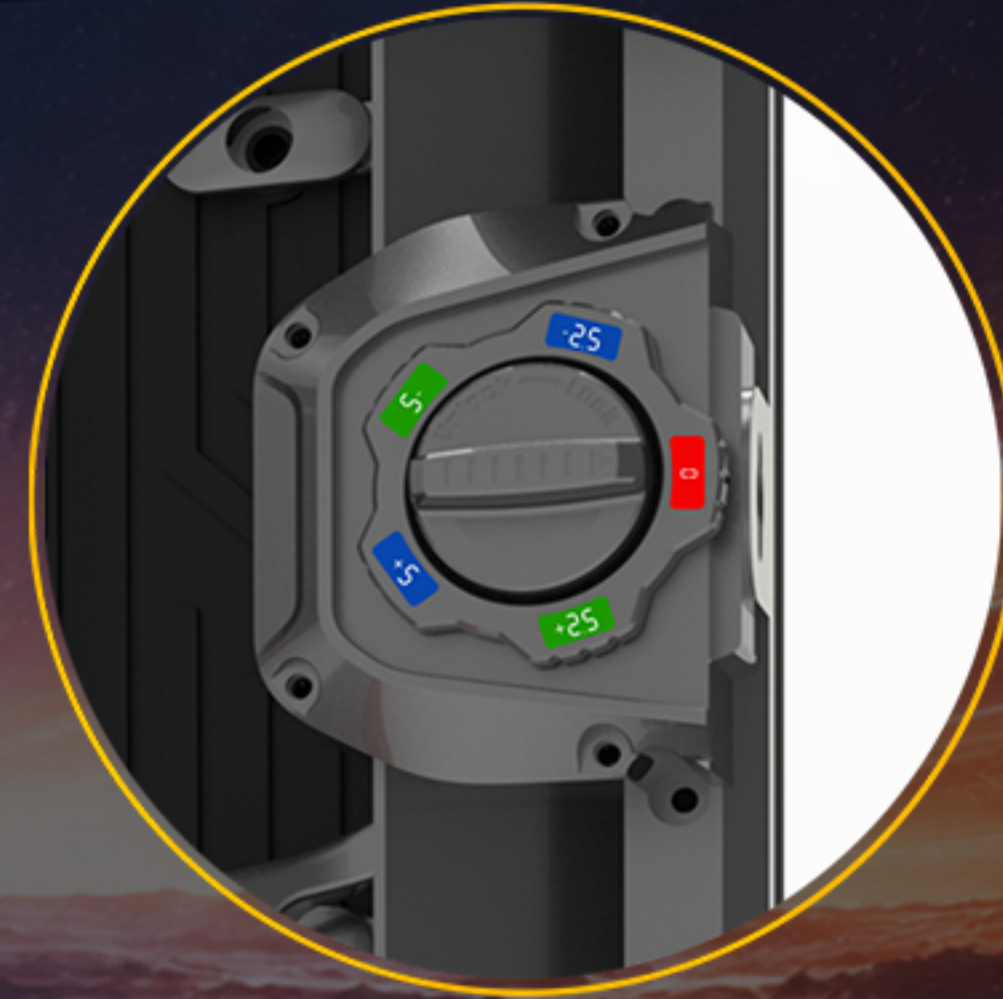
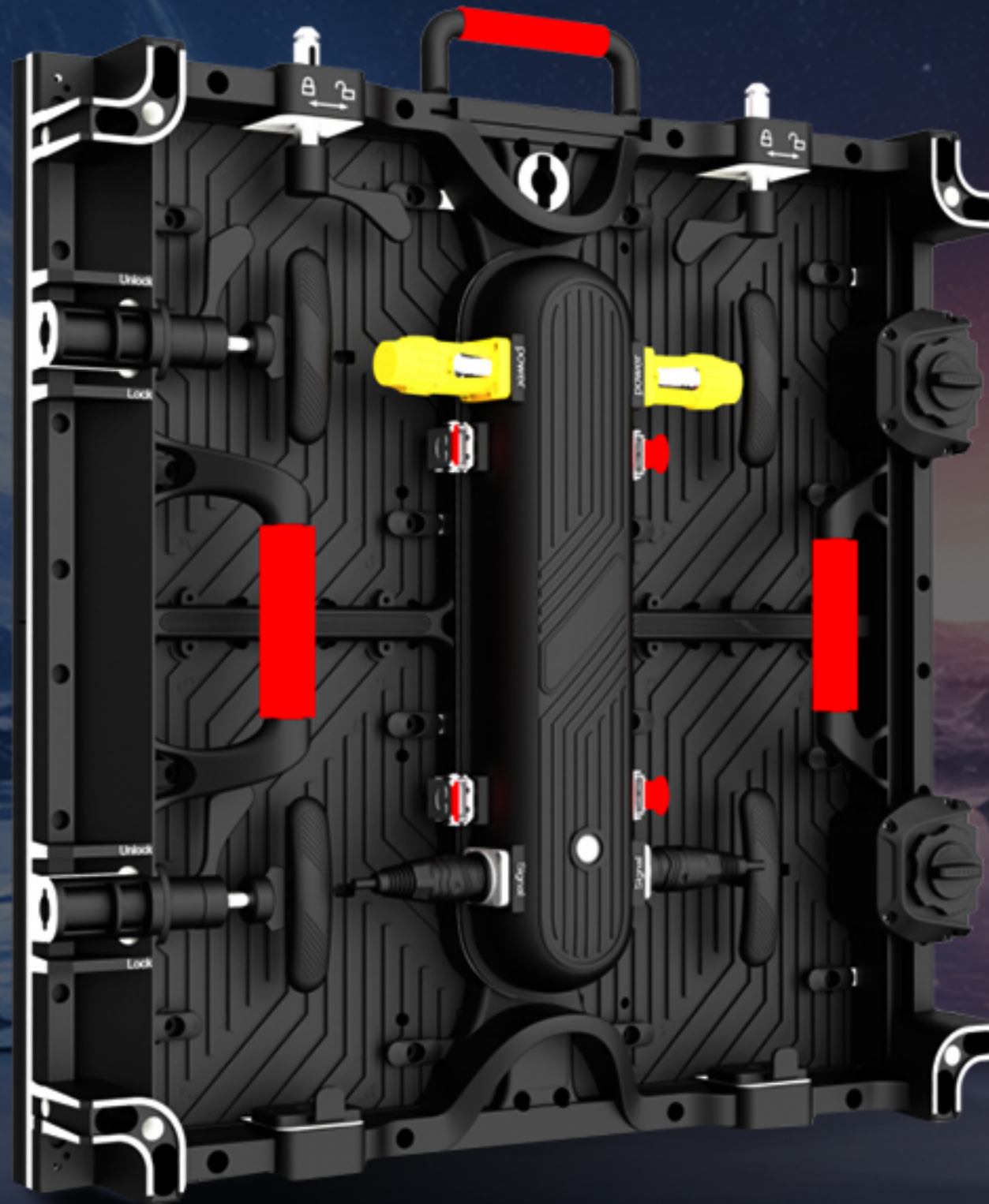
STRONG COMPATIBILITY

The 500×500mm and 500×1000mm cabinets can be seamlessly combined, providing greater flexibility for different screen sizes and stage configurations while maintaining excellent flatness and visual consistency



HIGH-PRECISION CURVED LOCK

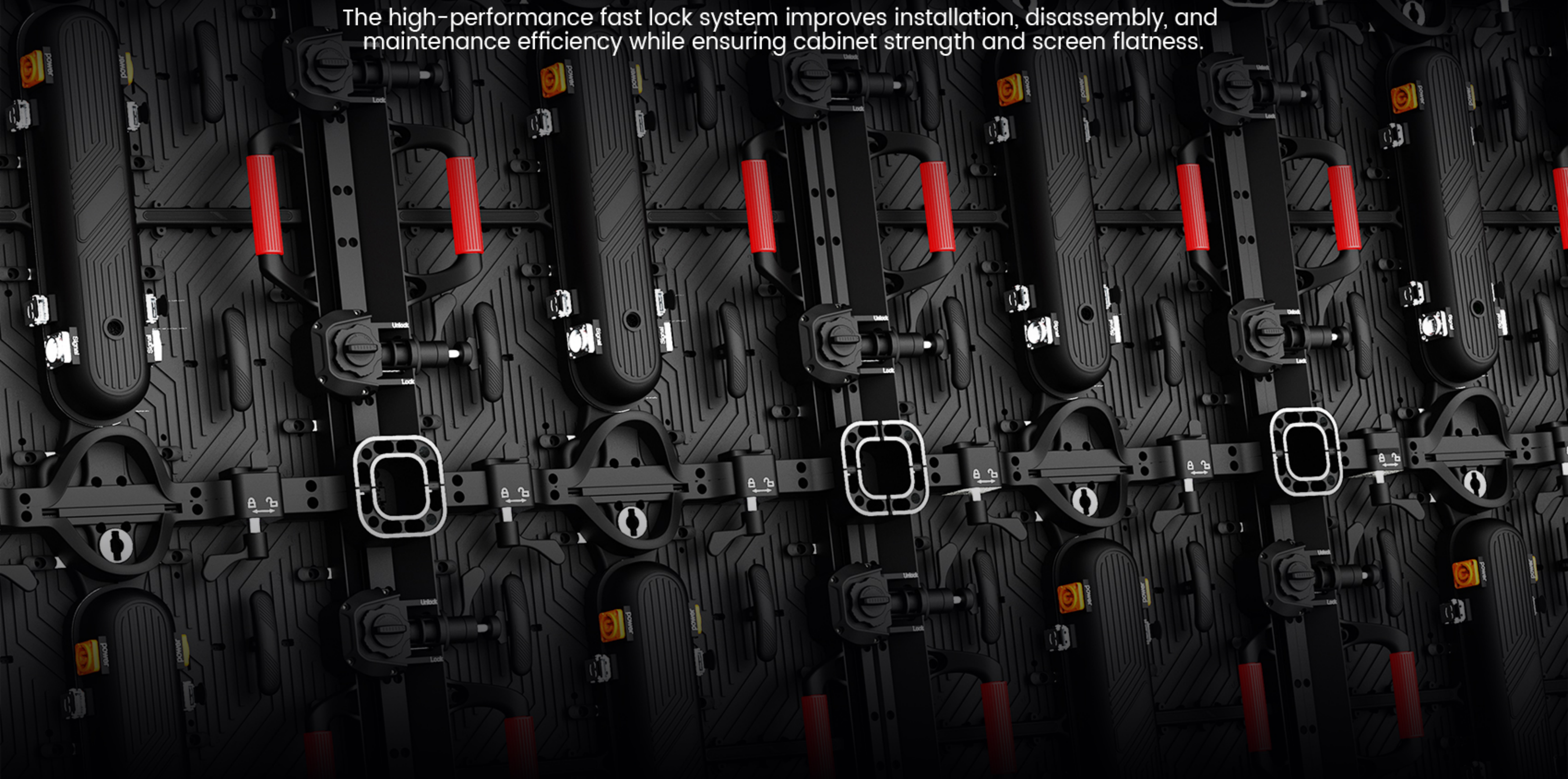
Supports both flat and curved screen installation with adjustable angles of -5° / -2.5° / 0° / $+2.5^{\circ}$ / $+5^{\circ}$.
Ideal for curved stages, cylindrical screens, and creative display structures.



Adjustable Angle: -5° , -2.5° , 0° , $+2.5^{\circ}$, $+5^{\circ}$

FAST LOCK INSTALLATION SYSTEM

The high-performance fast lock system improves installation, disassembly, and maintenance efficiency while ensuring cabinet strength and screen flatness.



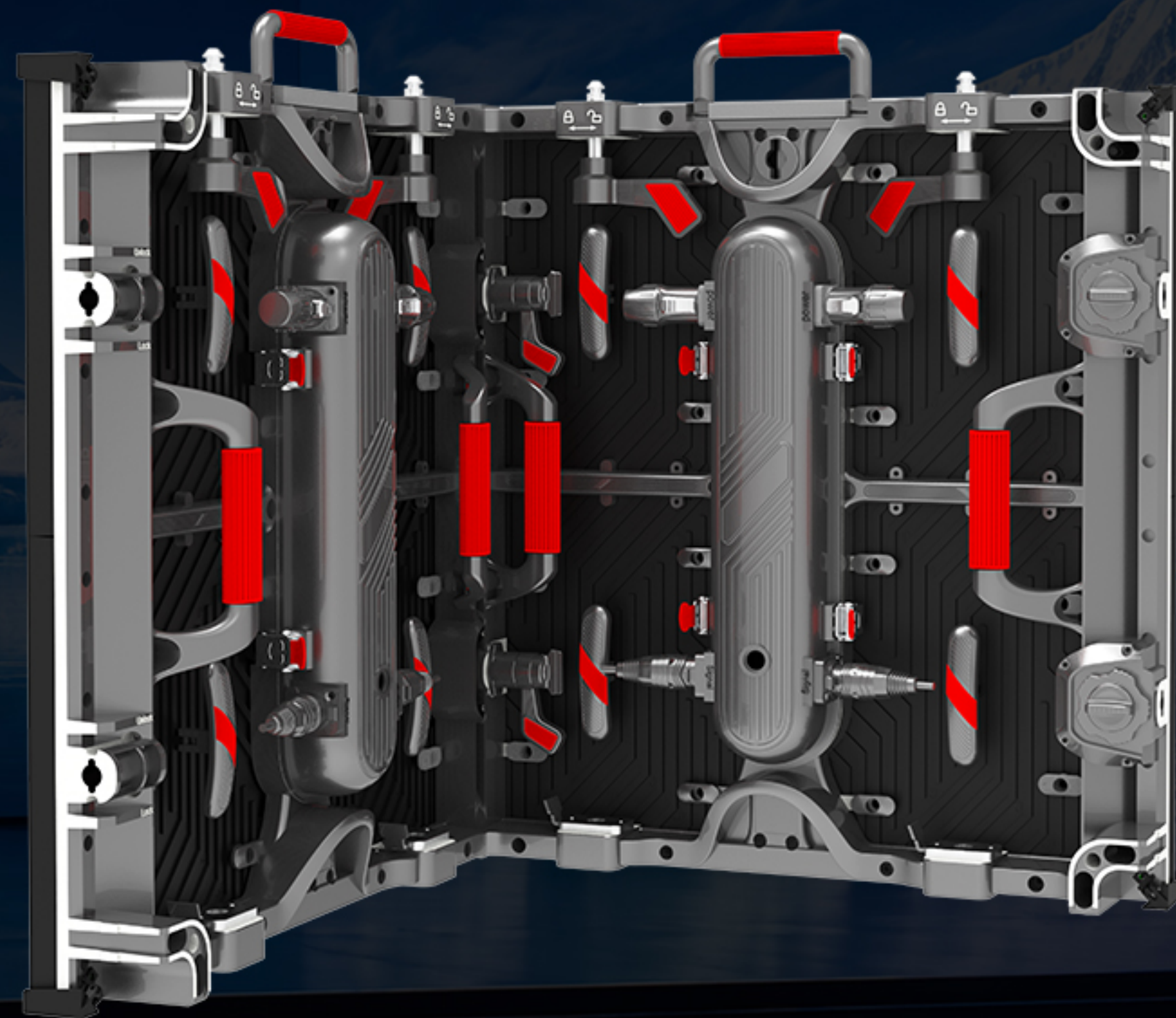
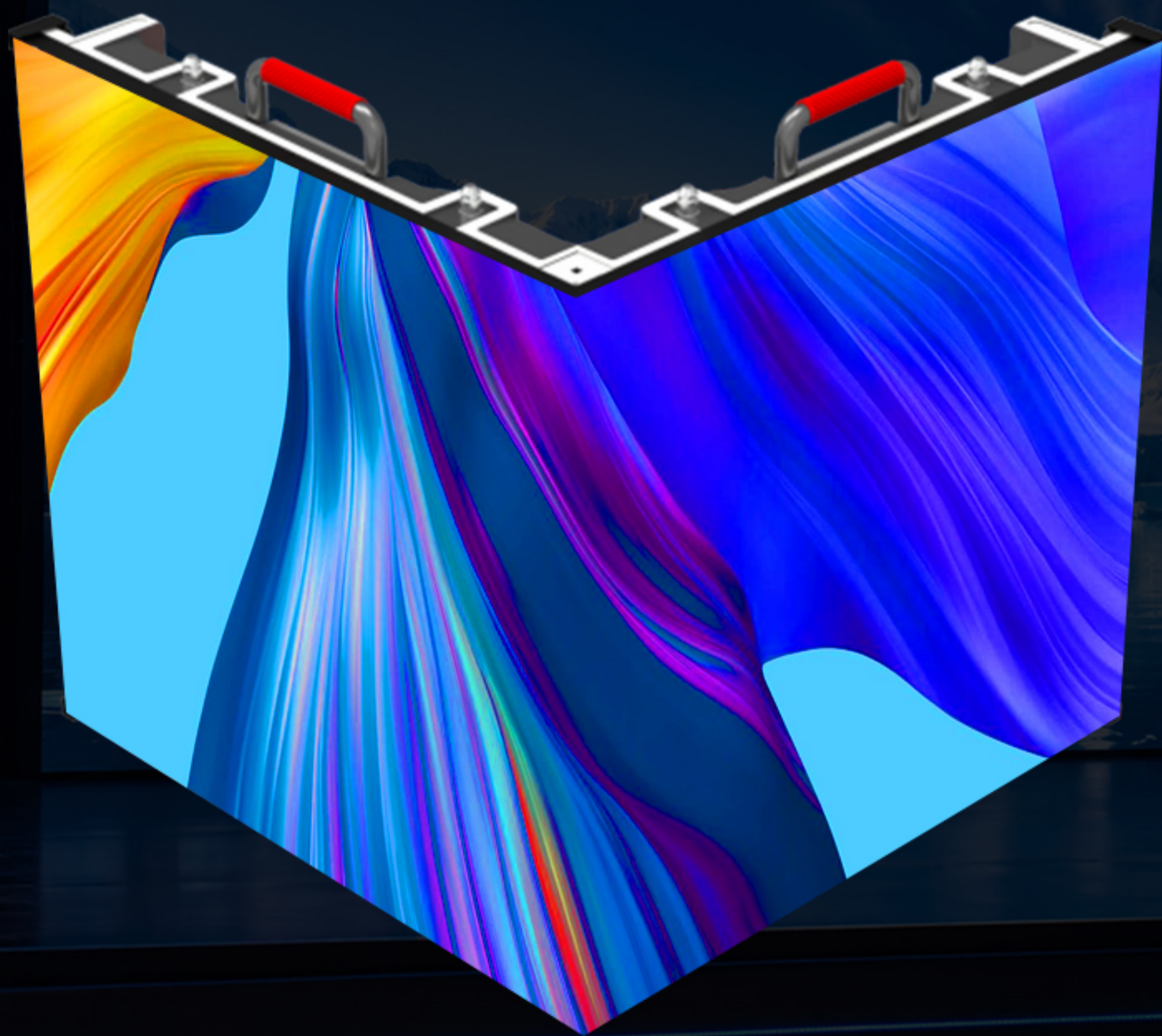
FAST LOCK INSTALLATION SYSTEM

The high-performance fast lock system improves installation, disassembly, and maintenance efficiency while ensuring cabinet strength and screen flatness.



45° RIGHT ANGLE INSTALLATION

The high-performance fast lock system improves installation, disassembly, and maintenance efficiency while ensuring cabinet strength and screen flatness.



EXCELLENT VISUAL PERFORMANCE

High refresh rate, high contrast, and 16-bit grayscale deliver smooth, detailed images with vivid, natural colors and exceptional visual depth.

15000:1

High Contrast Ratio

16-bit

High Grayscale



INDOOR PARAMETERS

Pixel Pitch	P1.25	P1.56	P1.95	P2.5	P2.604	P2.976	P3.91	P4.81
LED Type	SMD1010(GOB)	SMD1212(GOB)	SMD1515(GOB)	SMD1515(GOB)	SMD1515(GOB)	SMD1515	SMD2020	SMD2020
Physical Density(Dot/m²)	640000	409600	262144	160000	147456	112896	65536	43264
Module Resolution	200X200	160X160	128X128	100X100	96X96	84X84	64X64	52X52
Module Size(W×H)	250X250							
Cabinet Size(mm)	500X500	500X500	500X500	500X500	500X500	500X500(1000)	500X500(1000)	500X500(1000)
Cabinet Resolution	400X400	320X320	256X256	200X200	192X192	168X168/168X336	128X128/128X256	104X104/104X208
Module Quantity(W×H)	2X2	2X2	2X2	2X2	2X2	2X2/2X4	2X2/2X4	2X2/2X4
Weight(kg)	8	8	8	8	8	8/14.5	8/14.5	8/14.5
Maintenance	Front/rear							
Cabinet Material	Die-cast Aluminum							
Brightness(Nits)	600≤1000							
Color Temperature(K)	5000-12000 (optional)							
Viewing Angle(H/V)	160°/160°							
Viewing Distance	3-50m	3-50m	3-50m	3-100m	4-150m	4-200m	4-100m	4-100m
Contrast Ratio	15000:1							
Frame rate	50/60							
Drive Mode	1/50 scan	1/40 scan	1/32 scan	1/25 scan	1/32 scan	1/28 scan	1/16 scan	1/13 scan
Grey Scale	12-16bit(Optional)							
Refresh Rate(Hz)	3840-7680							
Max Power consumption(W/m²)	600							
Avg. power consumption(W/m²)	200-300							
Protection level	IP31							
Power input	AC90-264V,47-63Hz							
Working temp./Humidity(°C/RH)	-20~60°C/10%~85%							
Storage temp./Humidity(°C/RH)	-20~60°C/10%~85%							
Cert.	CCC/CE/RoHS/FCC/CB/TUV/IEC/BIS							

Specifications are for reference only and are subject to the final product.

OUTDOOR PARAMETERS

Pixel Pitch	P2.604	P2.976	P3.91	P4.81	P5.95
LED Type	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727
Physical Density(Dot/m²)	147456	112896	65536	43264	28224
Module Resolution	96X96	84X84	64X64	52X52	42X42
Module Size(W×H)	250X250				
Cabinet Size(mm)	500X500(1000)	500X500(1000)	500X500(1000)	500X500(1000)	500X500(1000)
Cabinet Resolution	192x192/192x384	168X168/168X336	128X128/128x256	104X104/104X208	84X84/84X168
Module Quantity(W×H)	2X2/2x4	2X2/2X4	2X2/2x4	2X2/2X4	2X2/2X4
Weight(kg)	8/14.5	8/14.5	8/14.5	8/14.5	8/14.5
Maintenance	Front/rear				
Cabinet Material	Die-cast Aluminum				
Brightness(Nits)	4500≤5000				
Color Temperature(K)	5000-12000 (optional)				
Viewing Angle(H/V)	160°/160°				
Viewing Distance	3-50m	3-100m	4-150m	4-150m	6-200m
Contrast Ratio	15000:1				
Frame rate	50/60				
Drive Mode	1/32 scan	1/28 scan	1/16 scan	1/13 scan	1/7scan
Grey Scale	12-16bit(Optional)				
Refresh Rate(Hz)	3840-7680				
Max Power consumption(W/m²)	800				
Avg. power consumption(W/m²)	200-300				
Protection level	IP65				
Power input	AC90-264V,47-63Hz				
Working temp./Humidity(°C/RH)	-20~60°C/10%~85%				
Storage temp./Humidity(°C/RH)	-20~60°C/10%~85%				
Cert.	CCC/CE/RoHS/FCC/CB/TUV/IEC/BIS				

Specifications are for reference only and are subject to the final product.

APPLICATION



5 YEARS WARRANTY

Common warranty in LED field is 2 years, ours is 5
Longer warranty periods, better after-sale services
worry-free user experience



OEM&ODM

1000+
Projects

5 days
Fast delivery



Door to door

3D

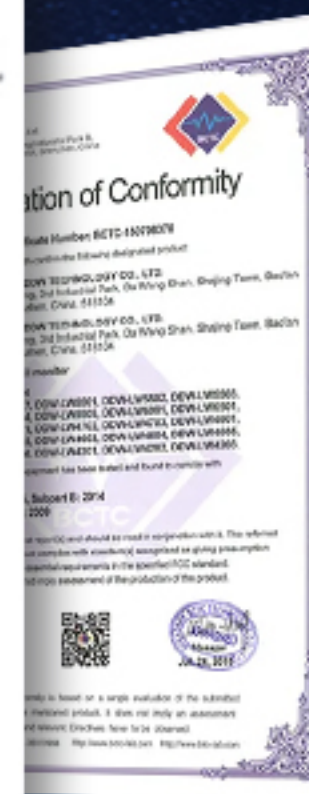
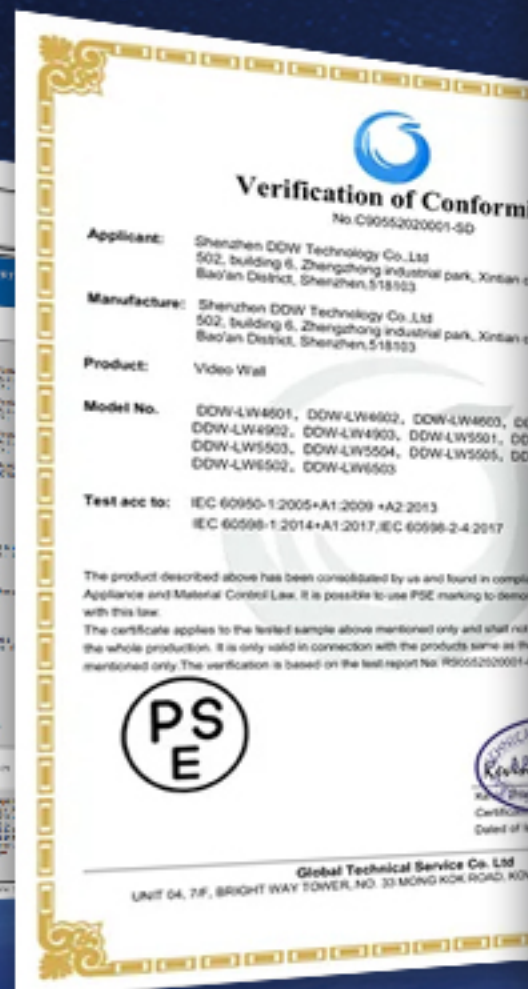
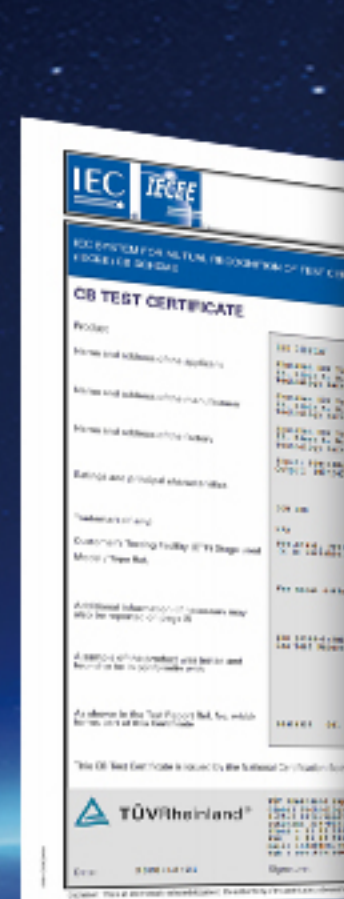
Installation video



Sample support



CERTIFICATE



CONTACT US

SHENZHEN DDW TECHNOLOGY CO.,LTD



0086-755-23229716



0086-134-17558100



www.ddw.net



info@ddw.net



2F Building 8, YiLisheng Industry Park, Fuyong
Baoan District, Shenzhen, 518103