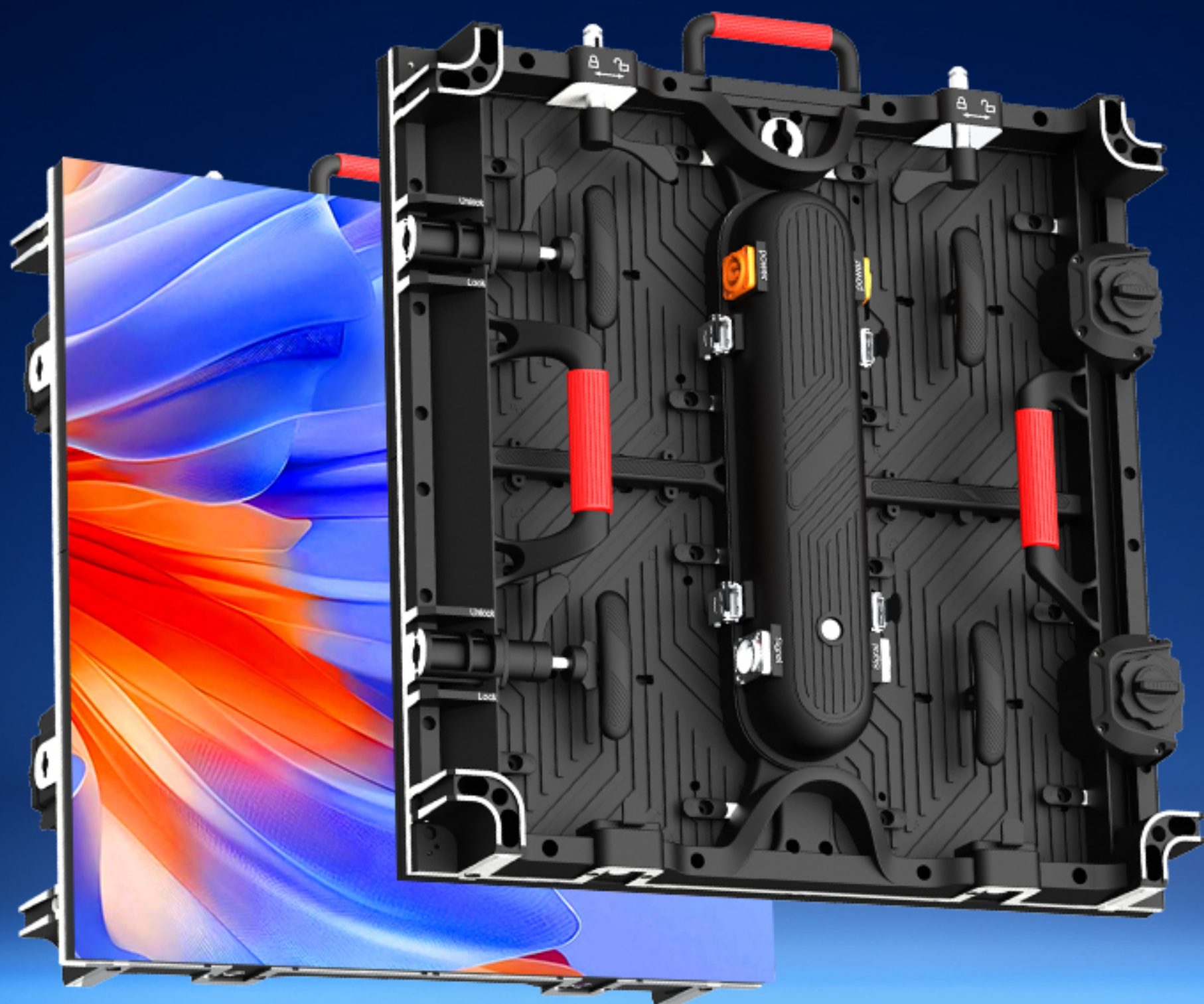


NEXT-GENERATION MIP OUTDOOR LED DISPLAY

ORBIT MIP SERIES





ORBIT MIP SERIES

Advanced MIP Technology for Outdoor Fine-Pitch LED Displays

Pixel Pitch

MIP P1.25/P1.3/P1.5625/P1.95

Cabinet size

500x500mm

Contrast Ratio

10000:1

Refresh rate

3840Hz

Module size

250x250mm

Brightness

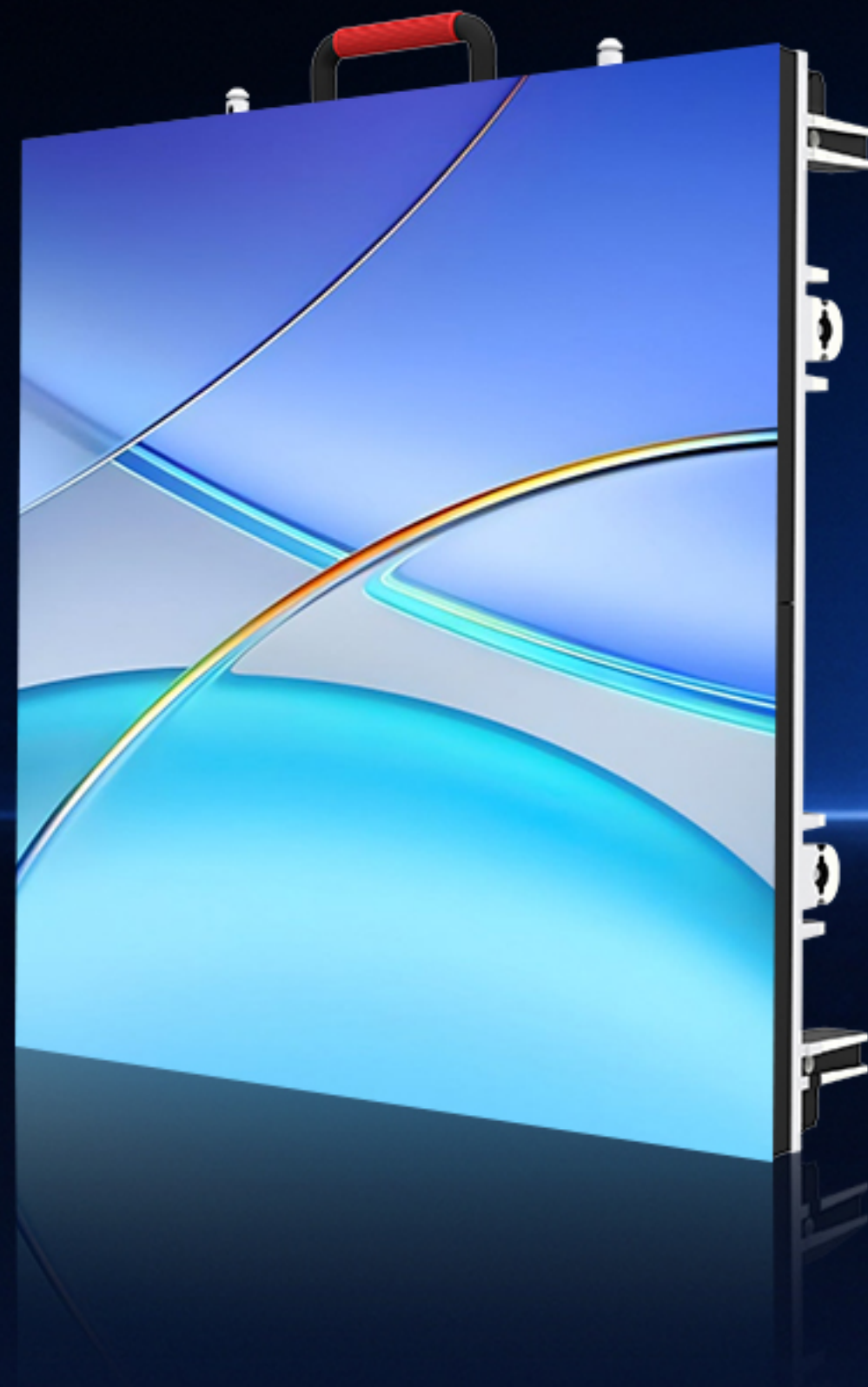
3000≤4000cd/m²

Weather rating

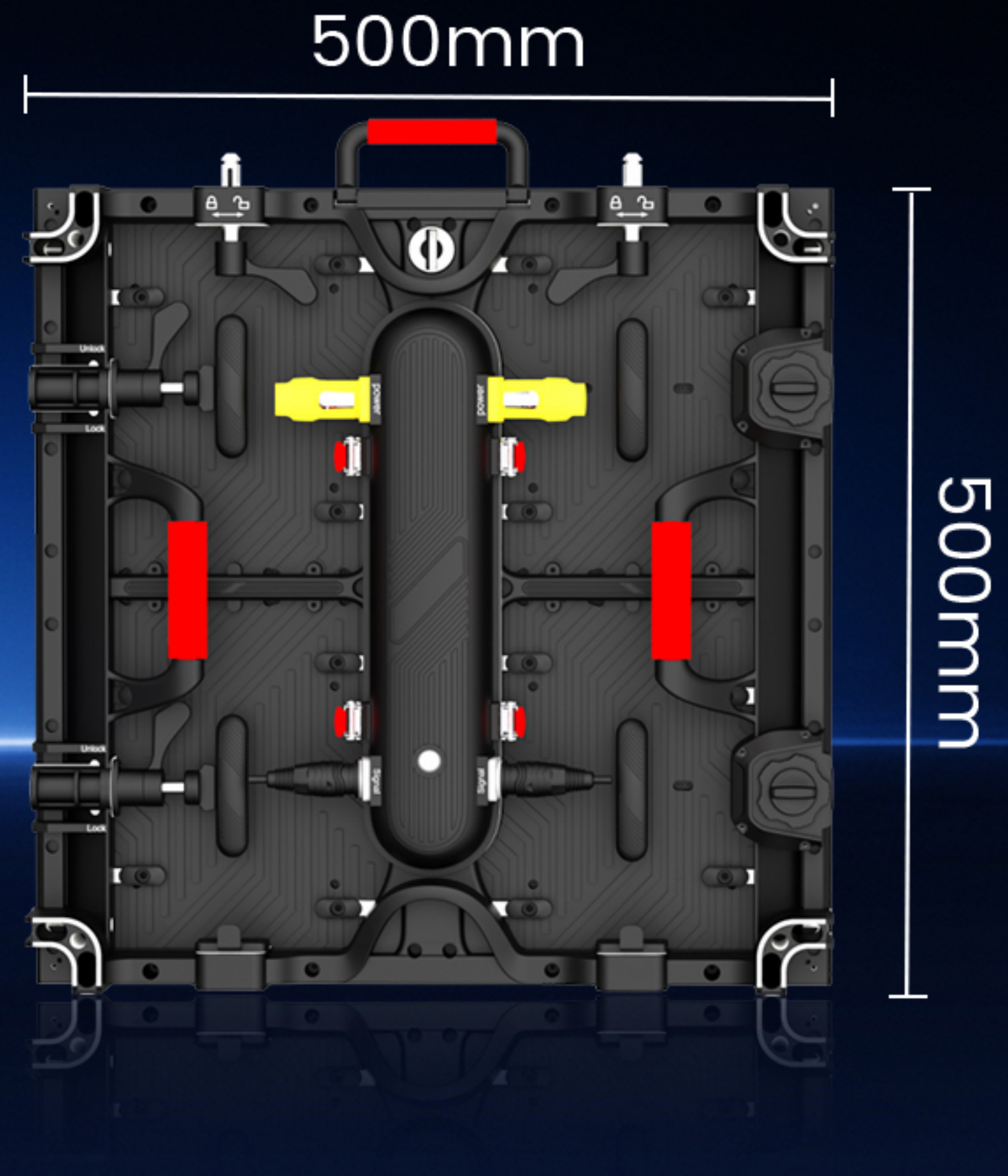
IP65

CABINET DIMENSIONS

500x500x84mm



84mm



MIP NEW PACKAGING TECHNOLOGY

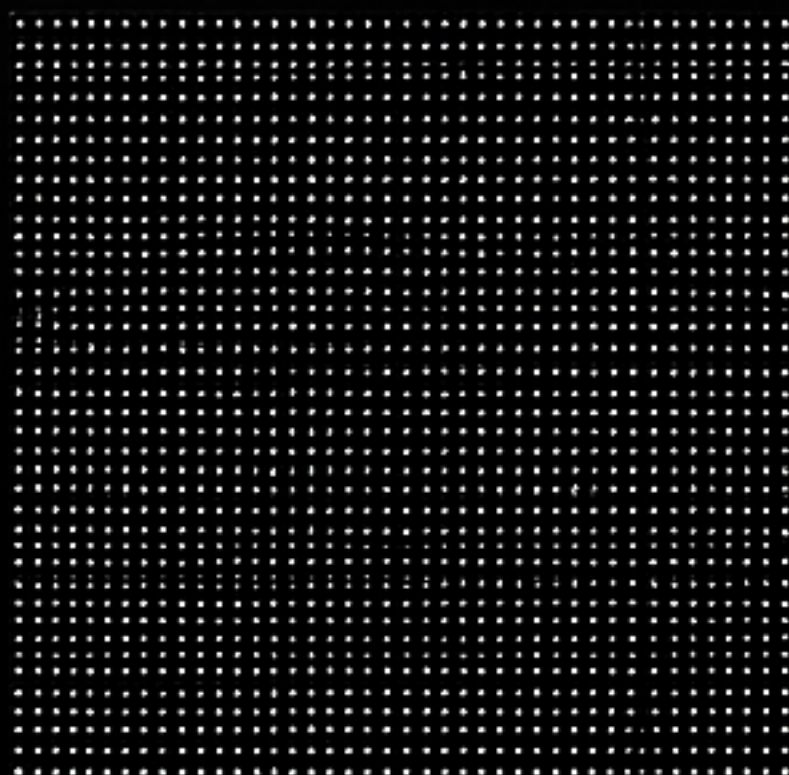
Advanced MIP packaging technology improves brightness, contrast, and color consistency while enhancing overall stability and reliability.



ULTRA-HD OUTDOOR FINE PITCH

Available in P1.25 / P1.3 / P1.5625 / P1.95, delivering detailed images for close-viewing outdoor applications.

P1.25



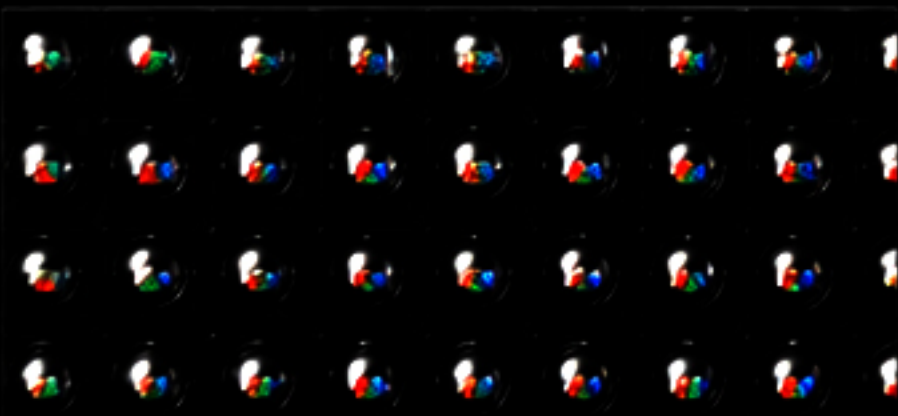
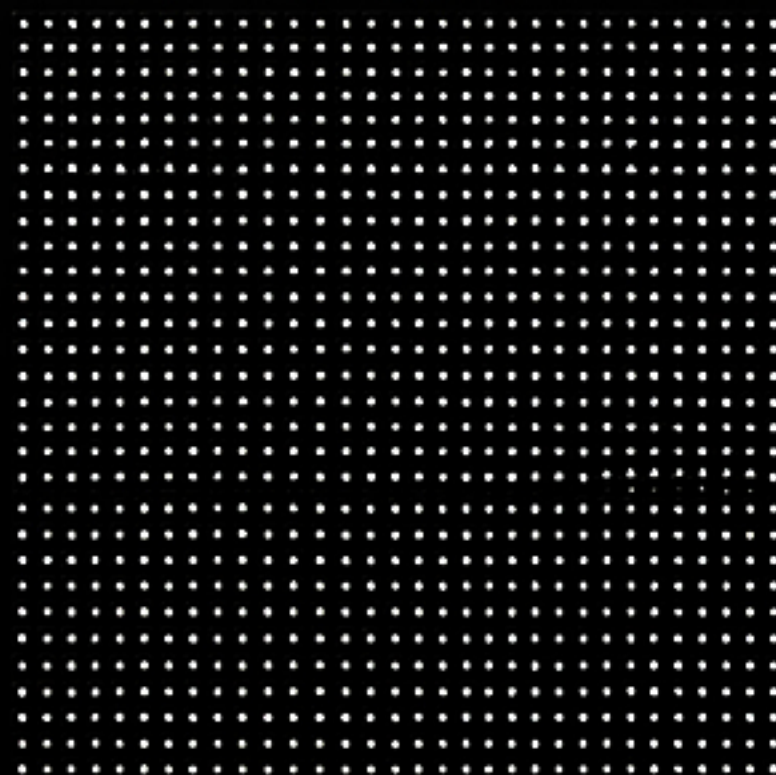
Pixel Pitch: 1.25mm

Pixel Density: 640,000 dots/m²

Module Size: 250x250mm

Resolution: 200x200 dots

P1.3



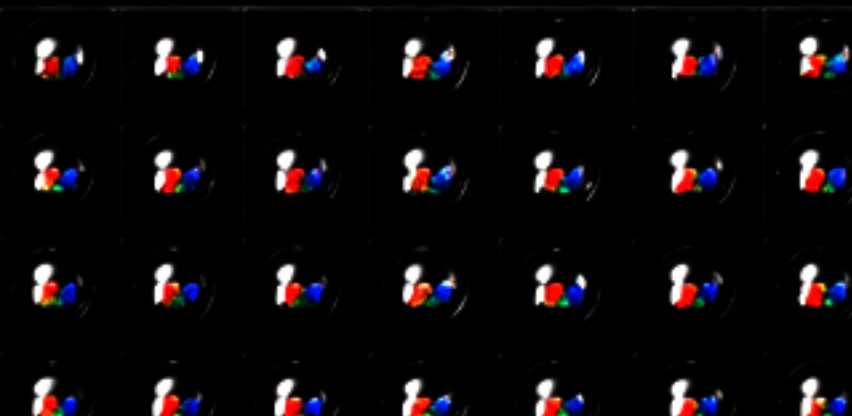
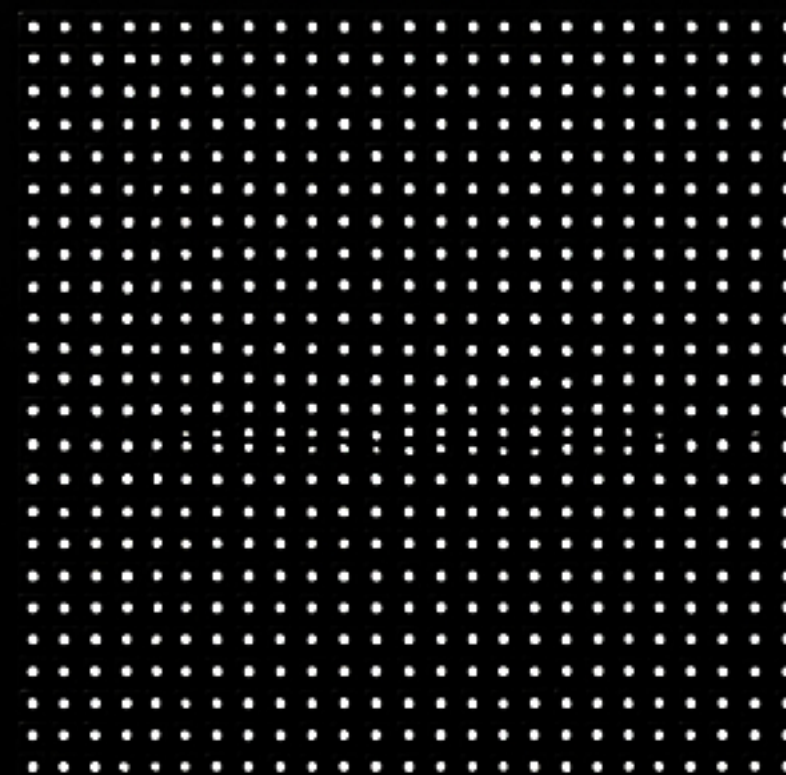
Pixel Pitch: 1.3mm

Pixel Density: 591,715 dots/m²

Module Size: 250x250mm

Resolution: 192x192 dots

P1.5625



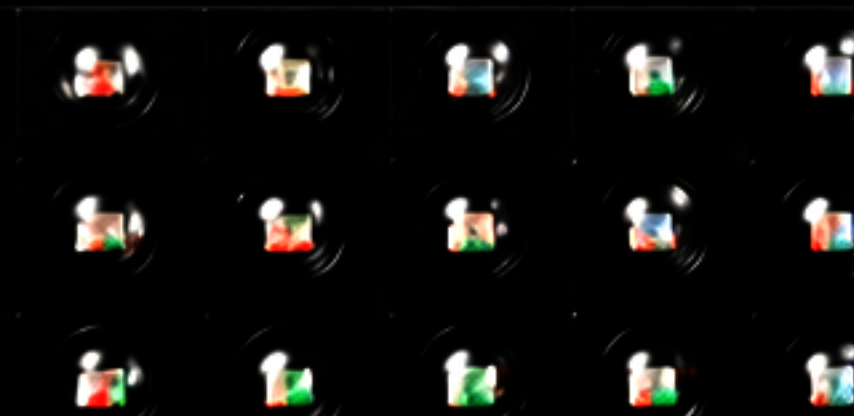
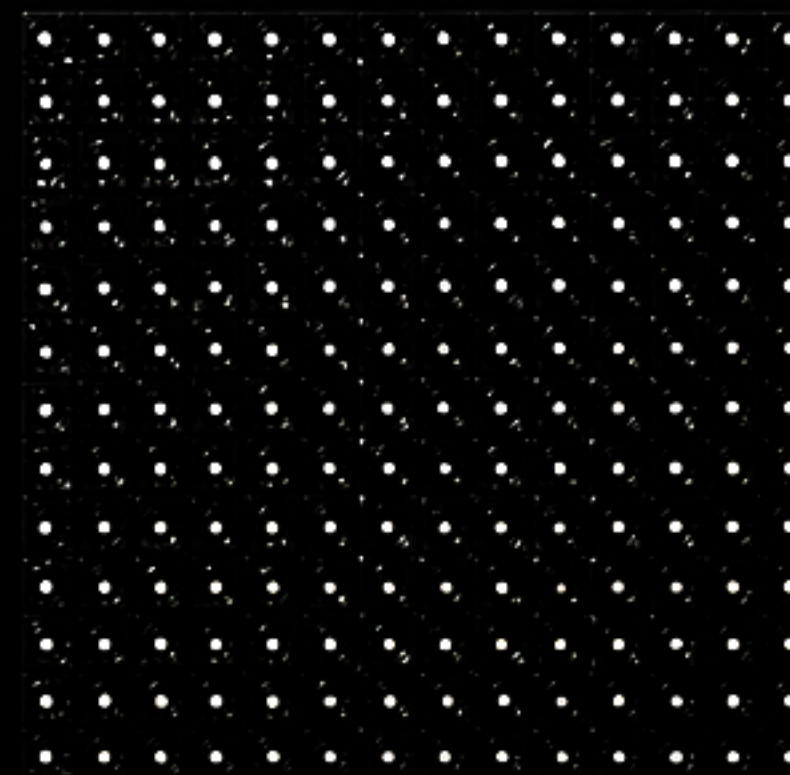
Pixel Pitch: 1.5625mm

Pixel Density: 409,600 dots/m²

Module Size: 250x250mm

Resolution: 160x160 dots

P1.95



Pixel Pitch: 1.95mm

Pixel Density: 262,144 dots/m²

Module Size: 250x250mm

Resolution: 128x128 dots

3000-4000NITS HIGH BRIGHTNESS

Provides 3000-4000nits brightness, ensuring clear and vivid images even under strong outdoor ambient light.



3840-7680HZ HIGH REFRESH RATE

The 3840-7680Hz high refresh rate helps reduce scan lines and flicker during camera shooting while delivering smooth and stable motion.



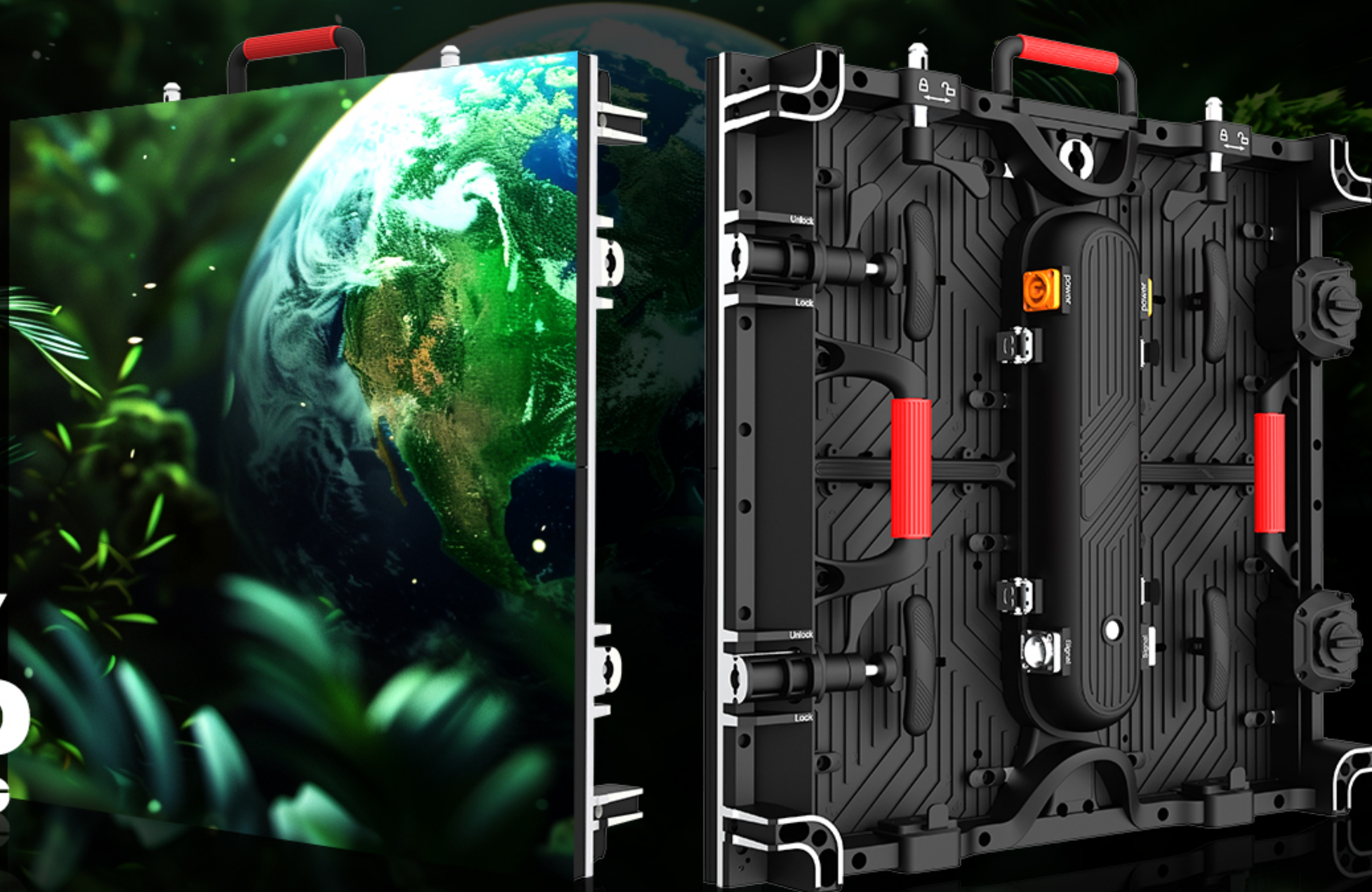
UP TO 30% ENERGY SAVING

Common Cathode technology provides precise power distribution and reduces energy consumption by approximately 30% compared with conventional solutions.



30%

ENERGY SAVING



IP65 OUTDOOR PROTECTION

IP65-rated protection helps withstand rain, dust, salt spray, and demanding outdoor environments for reliable long-term operation.



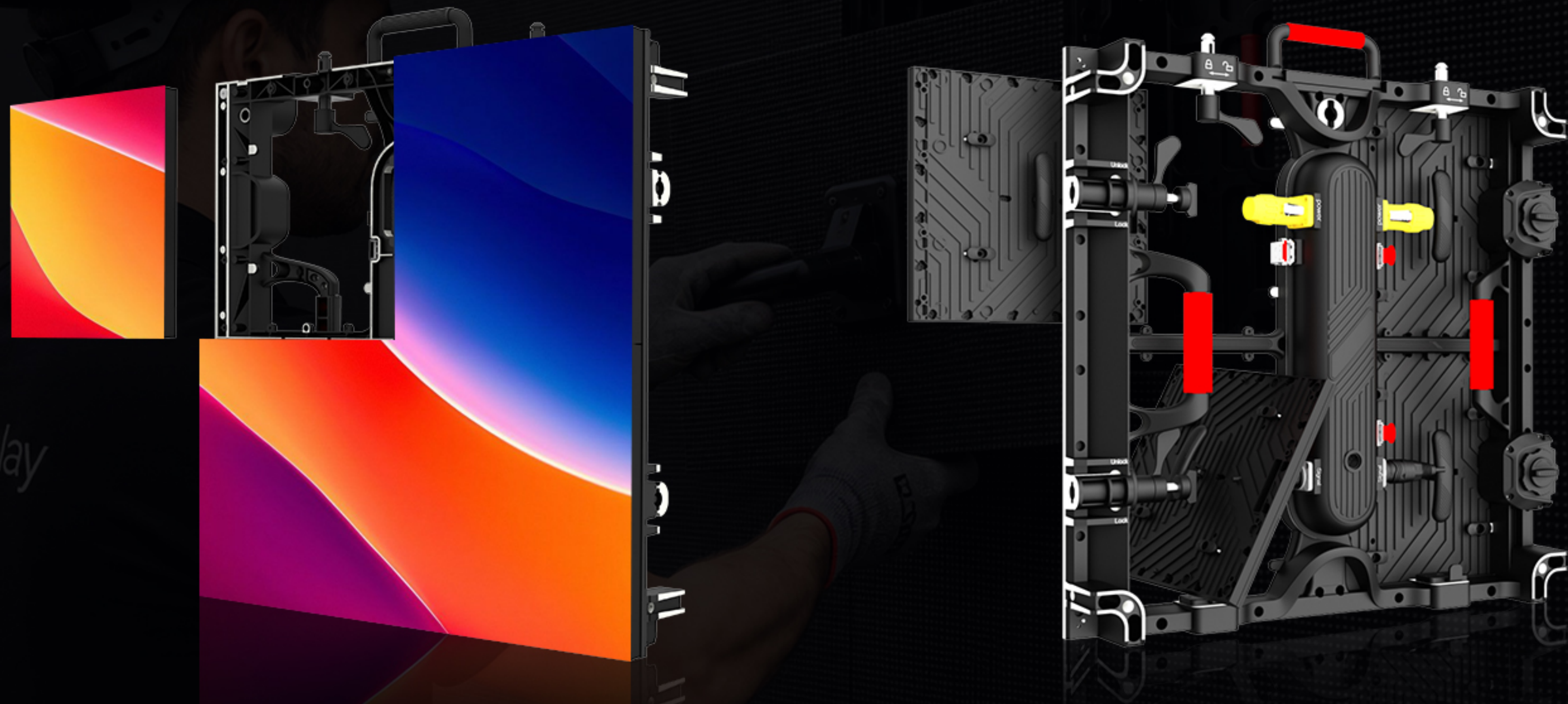
WELCOME TO THE CITY PLAZA

LIVE MUSIC, FOOD & DRINKS
EVERY FRIDAY & SATURDAY



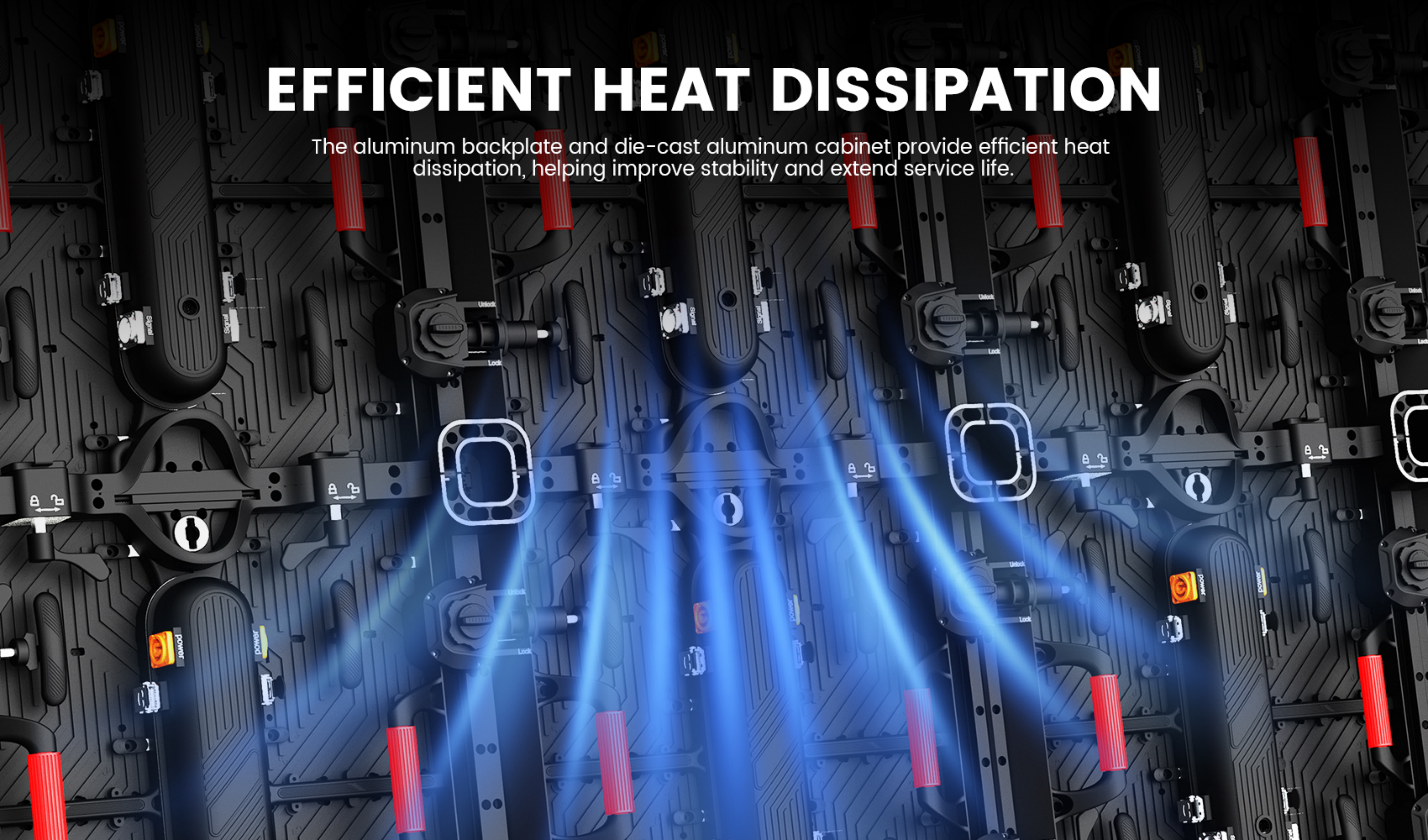
FRONT & REAR MAINTENANCE

Supports both front and rear maintenance, providing greater flexibility for different outdoor installation structures.



EFFICIENT HEAT DISSIPATION

The aluminum backplate and die-cast aluminum cabinet provide efficient heat dissipation, helping improve stability and extend service life.



ANTI-COLLISION CORNER PROTECTION

Protective corners and bottom anti-collision structures help protect the LED modules from damage during transportation, installation, and maintenance.



500×500MM LIGHTWEIGHT CABINET

Features a 500×500mm die-cast aluminum cabinet, approximately 84mm thick and 8kg, for easier installation and maintenance.

8kg
Weight

84mm
Thickness



OUTDOOR PARAMETERS

Pixel Pitch	P1.25	P1.3	P1.5625	P1.95
LED Type	MIP0505	MIP0606	MIP0606	MIP0606
Physical Density(Dot/㎡)	640000	589824	409600	262144
Module Resolution	200X200	192X192	160X160	128X128
Module Size(WXH)	250X250	250X250	250X250	250X250
Cabinet Size(mm)	500X500	500X500	500X500	500X500
Cabinet Resolution	400X400	384X384	320X320	256X256
Module Quantity(WXH)	2X2	2X2	2X2	2X2
Weight(kg)	8	8	8	8
Maintenance	Front/rear Maintenance	Front/rear Maintenance	Front/rear Maintenance	Front/rear Maintenance
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Brightness(Nits)	3000-4000	3000-4000	3000-4000	3000-4000
Color Temperature(K)	5000-12000 Optional	5000-12000 Optional	500012000 Optional	5000-12000 Optional
Viewing Angle(H/V)	160°/160°	160°/160°	160°/160°	160°/160°
Viewing Distance	3-50m	3-100m	4-150m	4-150m
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame Frequency	50/60	50/60	50/60	50/60
Drive Mode	1/25 scan	1/24 scan	1/20 scan	1/16 scan
Grey Scale	16bit	16bit	16bit	16bit
Refresh Rate(Hz)	3840	3840	3840	3840
Max Power Com.(W/㎡)	800	800	800	800
Ave Power Com.(W/㎡)	200-300	200-300	200-300	200-300
IP Rate	IP65	IP65	IP65	IP65
Power Input	AC90-264V,47-63Hz			
Working T/H (°C/RH)	-20~60℃/10%~85%			
Storage T/H(°C/RH)	-20~60℃/10%~85%			
Standard	CCC/CE/RoHS/FCC/CB/TUV/IEC			

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

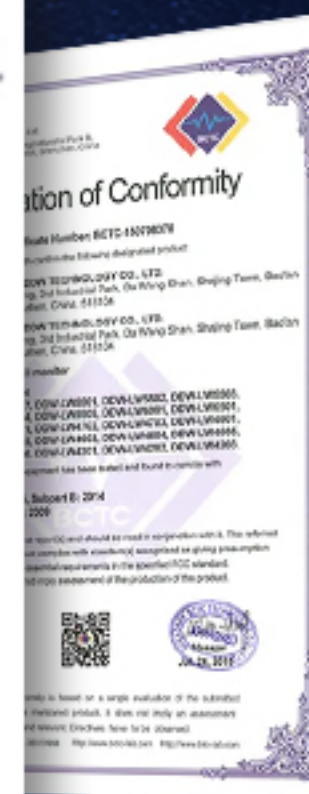
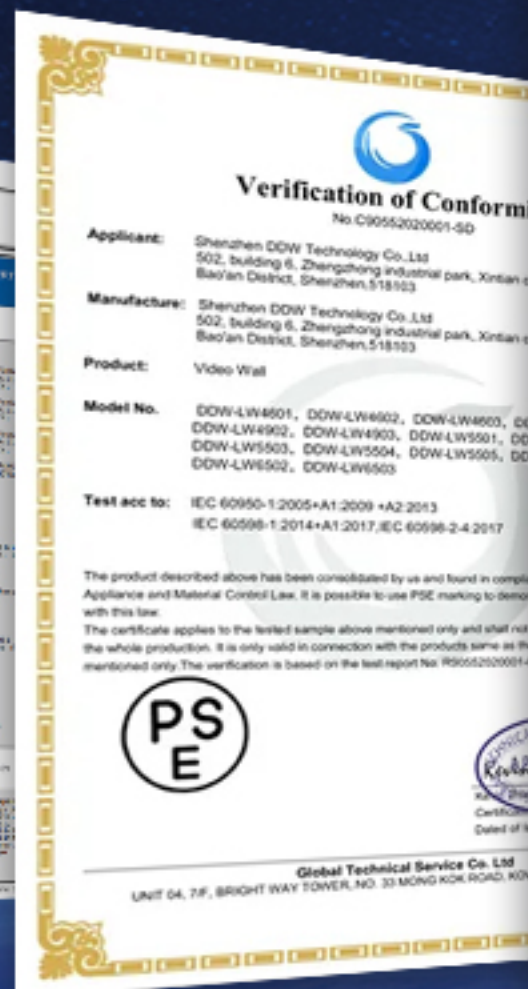
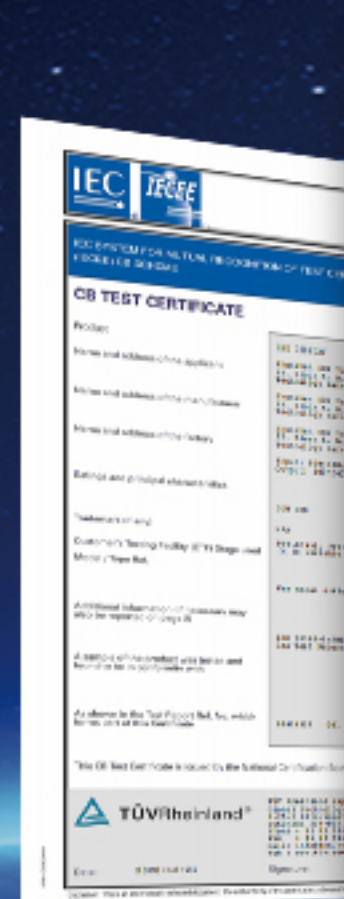
Installation video



Sample support



CERTIFICATE



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