DDWdisplay

FA SERIES

ALUMINUM OUTDOOR LED SCREEN

Common Cathode Energy-Saving Aluminum Cabinet Series

IP68 Aluminum Module





All-Aluminum Design

Lightweight, durable and efficient heat dissipation

Common Cathode Technology

Up to 30% energy saving

Ultra-High Brightness

6500–10000 Nits

SPECIFICATIONS

Part Number	P4.44	P5.7	P6.66	P8	P10
Pixel Pitch	4.44	5.7mm	6.66mm	8mm	10mm
LED Configuration	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Density	50630dot/m²	30625dot/m²	22500dot/m²	15625dot/m²	10000dot/m²
Module size	480*320mm				
Module Resolution	84*56 dot	84*56 dot	72*48dot	60*40dot	48*32dot
Cabinet Size	Standard:960x960(960×640/1440×640/1440×960)				
Cabinet Resolution	168*168 dot	168*168 dot	144*144 dot	120*120 dot	96*96 dot
Cabinet Weight	28kg				
IP Rating (front/back)	IP65				
Brightness Intensity	10000≥6500 CD/m²				
Viewing Angle (H/V)	140°/140°				
View Distance	＞5m				
Gray Scale	14bit				
Display Scale	16.7M				
Brightness Adjustment	0-100 levels adjustable				
Max.Power Consumption	650W/㎡				
Ave.Power Consumption	200W/㎡				
Drive Mode	1/9s	1/7s	1/6s	1/4s	1/4s
Refresh Frequency	≥3840HZ				
Gamma Correction	-5.0~+5.0				
Environmental	OUTDOOR				
Control Mode	Synchronous display with control PC by DVI				
Support Input	Composite,S-Vido,Component,VGA,DVI,HDMI,HD_SDI				
Operation Power	AC100~240 50/60HZ				
Operating Temperature	-30℃~+50℃				
Operating Humidity	10~95% RH				
Operating Life	100,000hours				

DDW-LEDFA



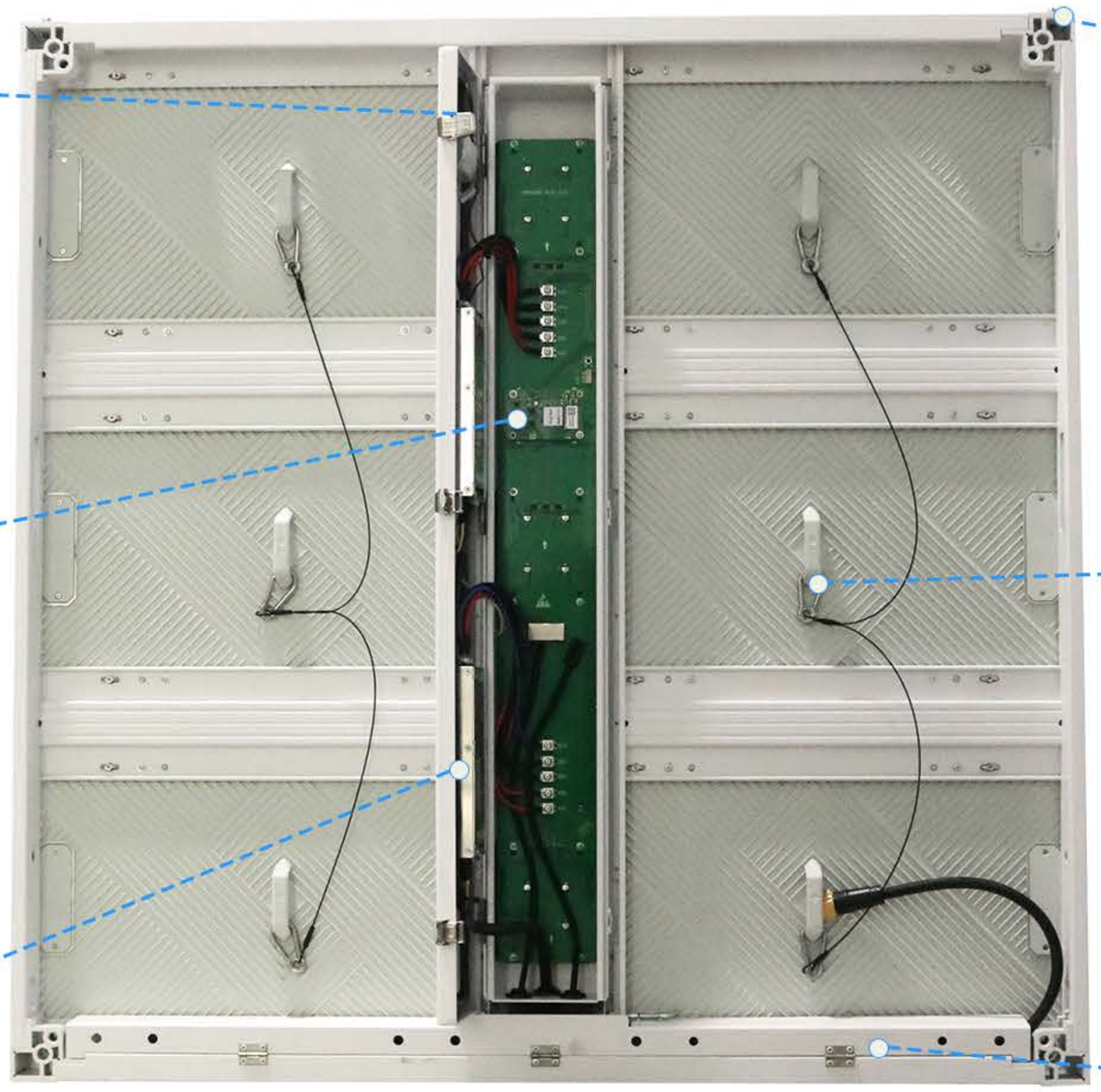
Radiator



Receiving card

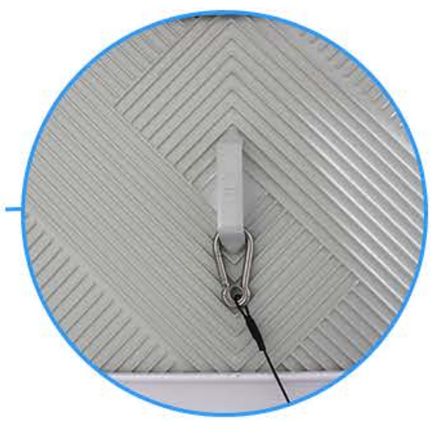


Power supply





Positioning column



Safety rope



Wireway

- Die-Casting Aluminum design: High fire protection rate，Can get the TUV of 5VB fire protection certification;
- Special waterproof design，up to IP65.

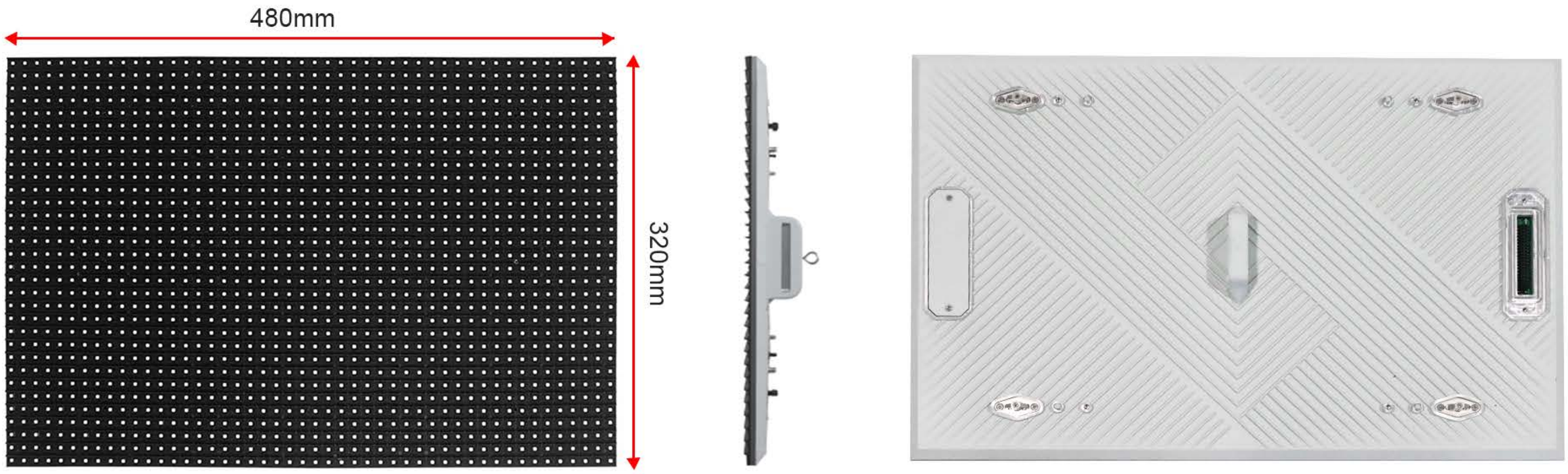
- Full-Aluminum design，with special grain design,good heat-dssipation;
- Partial voltage design,lower heat-emitting,longer lifetime;
- With HUB between modules and receiving card,more stable;
- Creating circuit design, high effective rate , Brightness can range from 6500nits to 10000nits.

- Full front & rear maintenance design, easy install and save installation space ;
- Lightweight design, 30kg/㎡，thickness is only 77mm;
- Modules can be switched between right and left side, lower-cost.

- Creating mask design , can higher the contrast rate ;
- With high precision mask design, no block color difference.

ALUMINUM MODULE

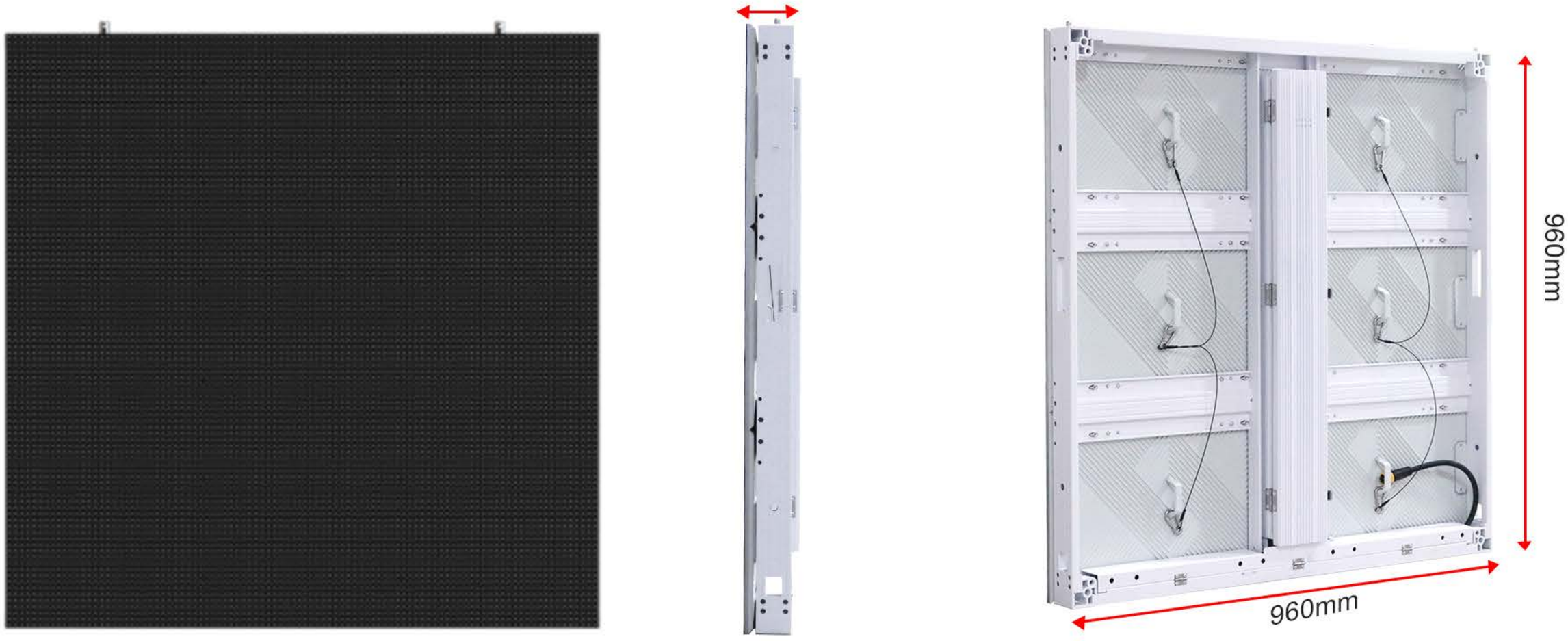
Module weight: 2KG



480x320mm

DIE-CAST ALUMINUM CABINET

Cabinet Weight: 28kg

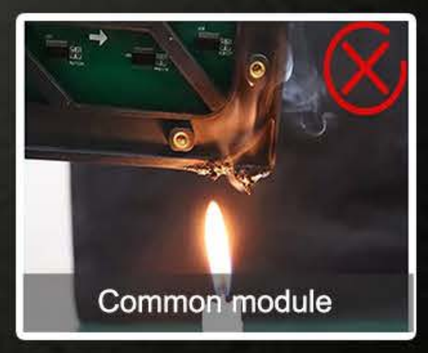


960x960x77mm

PROTECTIVE PERFORMANCE

Strong Flame Resistance





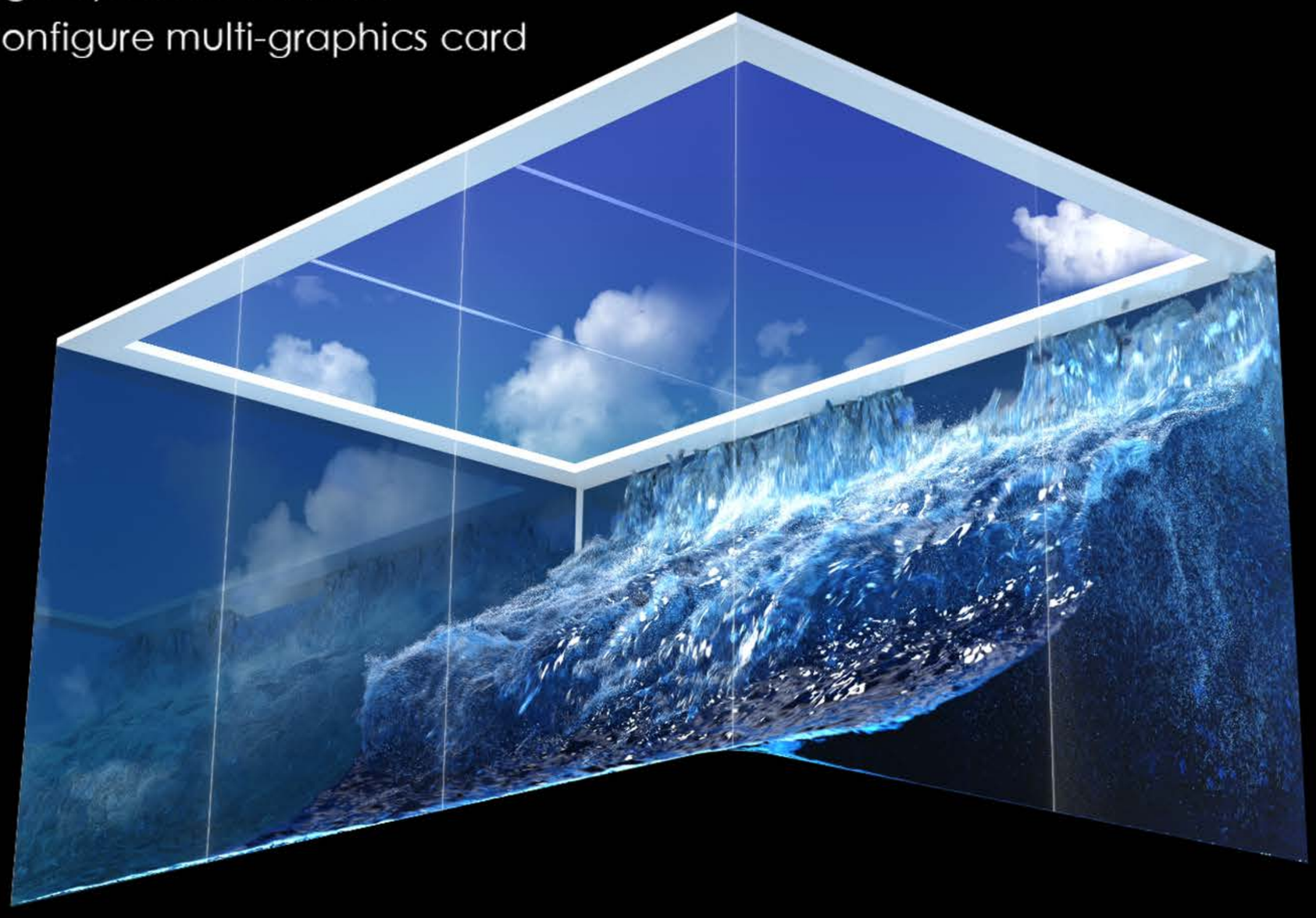


IP68 Aluminum Module

The PCB is in direct contact with the aluminum bottom case,
which is conducive to accelerating heat dissipation

HARDWARE(SCREEN)

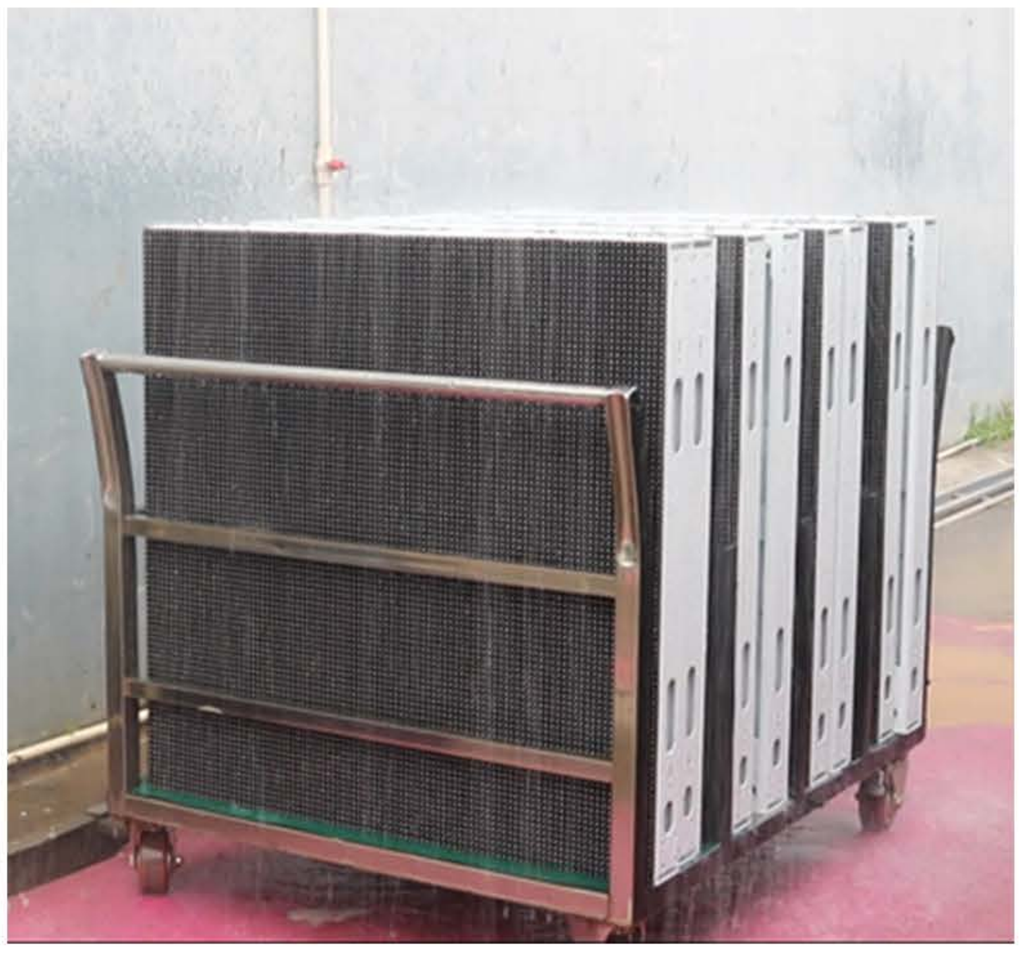
- High refresh rate : ⩾3840hz
- High gray scale: ⩾14bit
- High dynamic contrast
- Configure multi-graphics card



Cooperate with professional decoder and 3D video source

IP65 WATERPROOF TESTING

It’s for outdoor application with high waterproof level and dust-proof level. It can resist some bad weather during outdoor events.



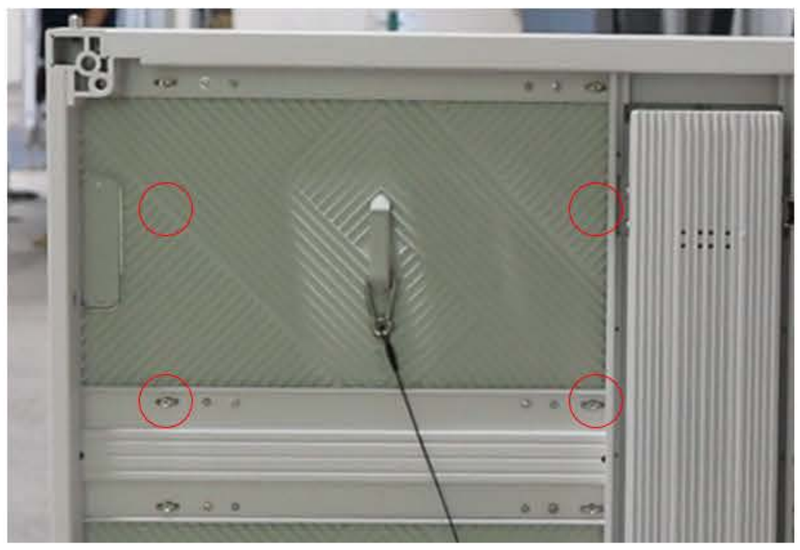




FRONT AND REAR SERVICE

Dual service mode of front and rear design to save you Maintenance Cost.
The LED panel can be assemble and disassemble easily and quickly.







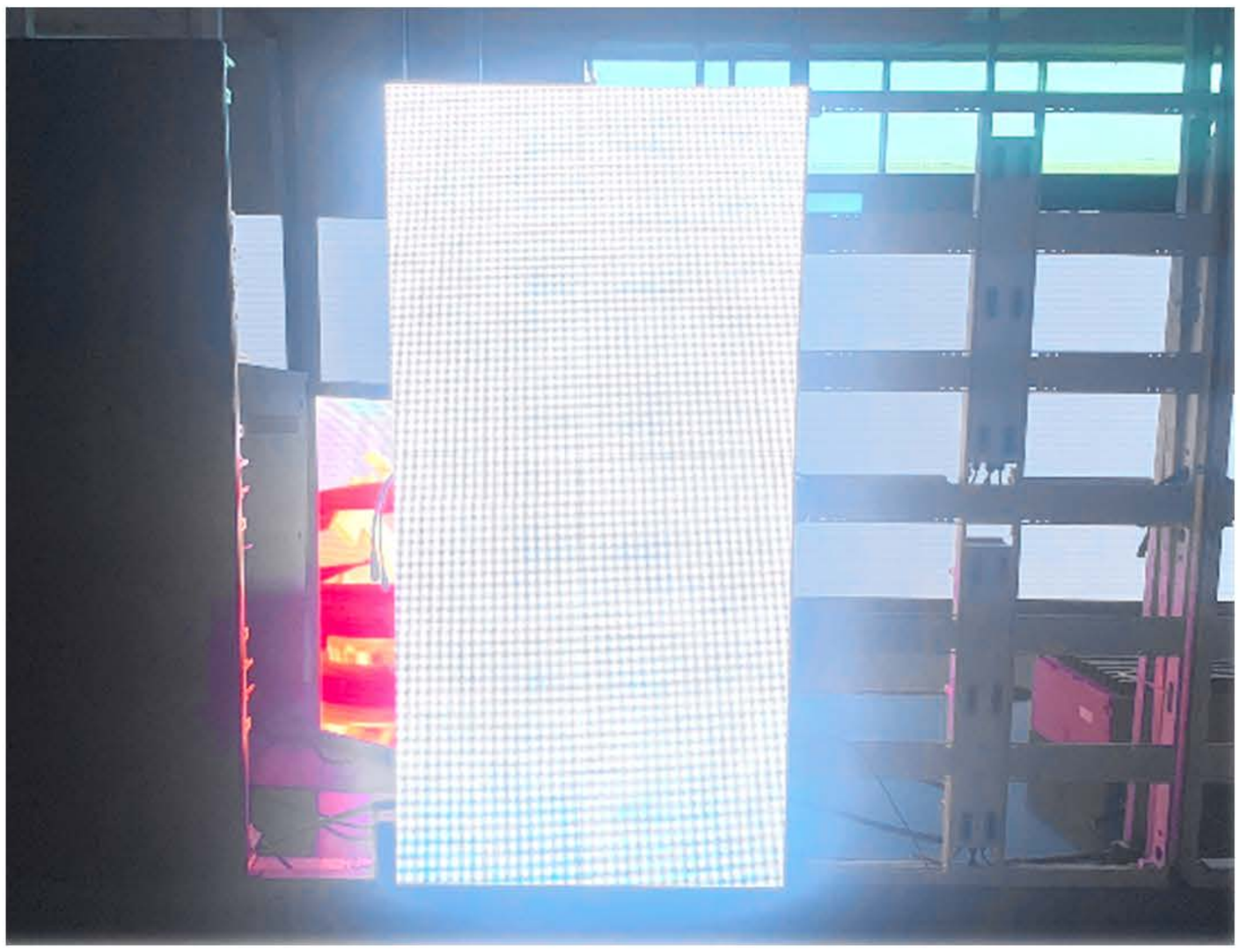






HIGH BRIGHTNESS

The brightness reaches up to 10000nits, can instantly captivate attention & deliver content even under strong light .

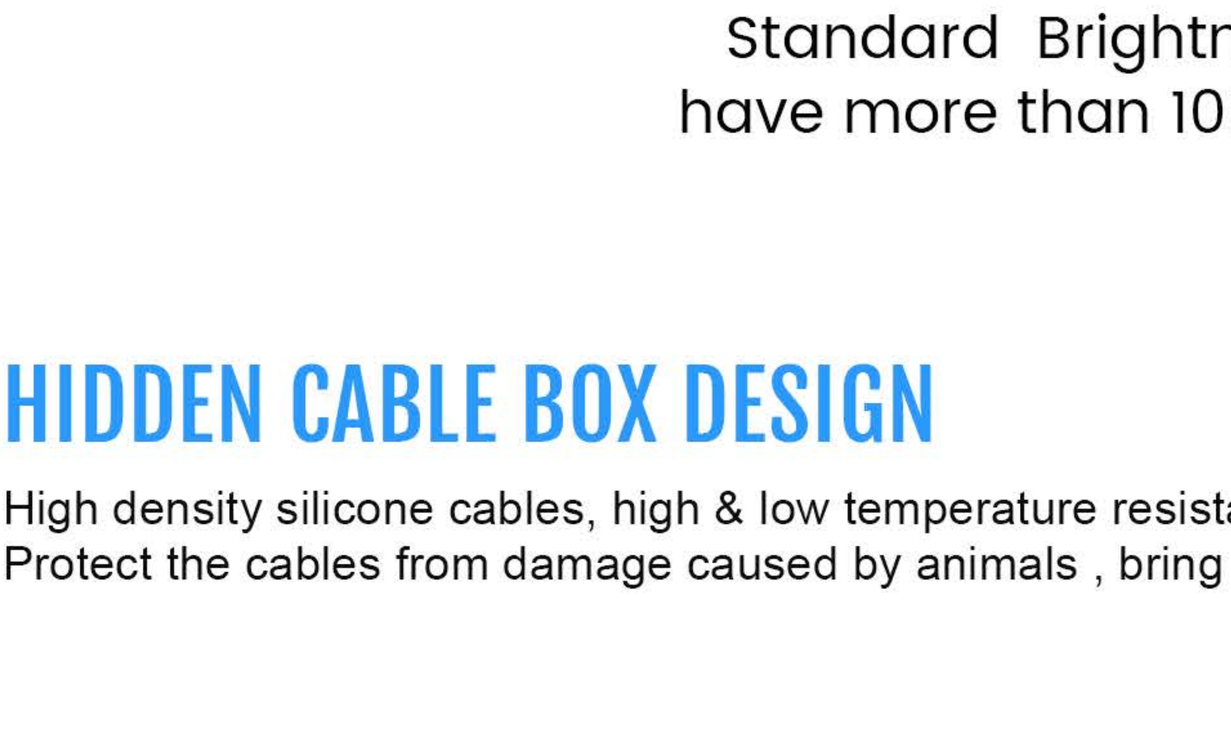


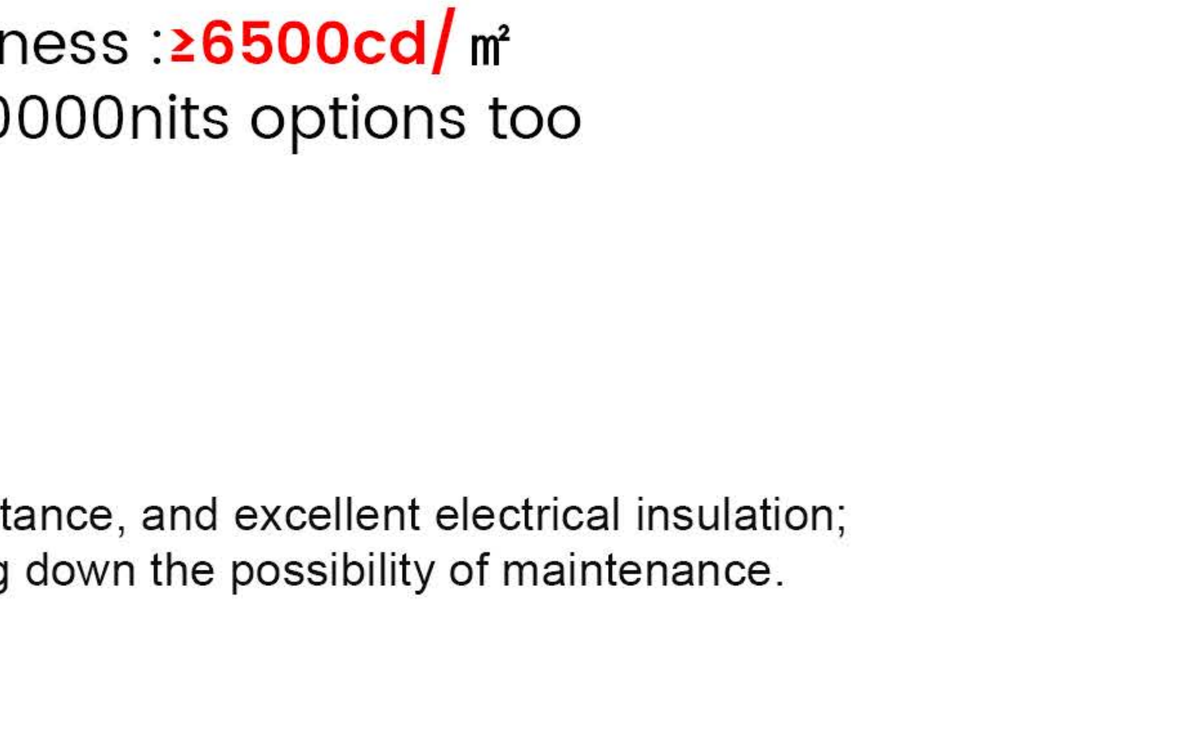


Standard Brightness :**≥6500cd/㎡**
have more than 10000nits options too

HIDDEN CABLE BOX DESIGN

High density silicone cables, high & low temperature resistance, and excellent electrical insulation;
Protect the cables from damage caused by animals , bring down the possibility of maintenance.







Front Rear Maintenance

1. Four-corner front maintenance wrench, safe and easy to maintain, not easy to deform;

2. Mechanical lock, not easy to fall off;

3. Modular aluminum bottom shell, and for front and rear maintenance;

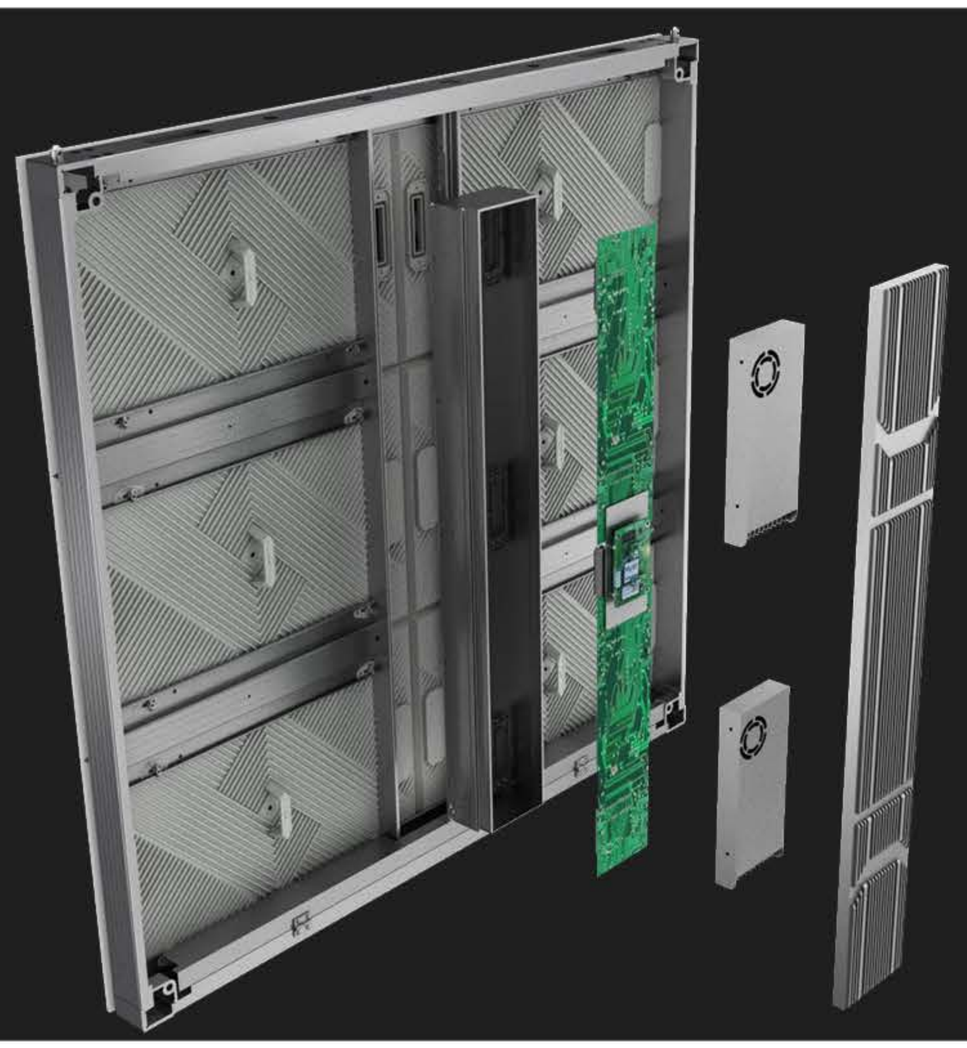
4. Integrated all-aluminum design

Die-Cast Aluminum Cabinet

1. Die-cast aluminum power cabinet, the design of the power box is simple, beautiful and more stable!

2. The power supply is attached to the back cover for easy heat dissipation;
3. Silicone wire can withstand high temperature of 300℃;

4. The weight of a single box is only 28KG, the thickness of the box is 77MM,and the box can be installed without structure;



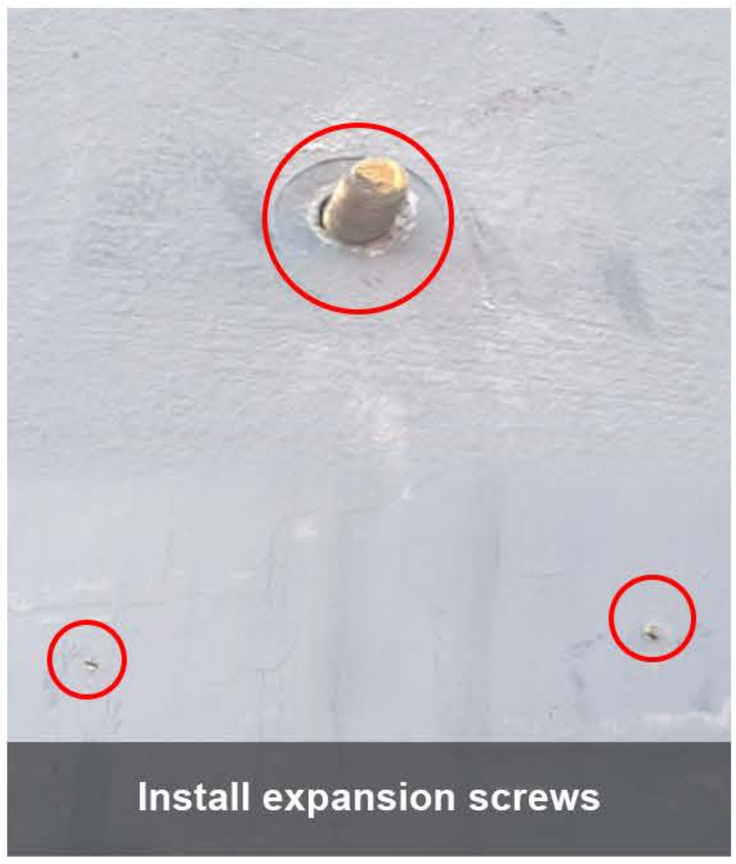


Aluminum Module

1. The weight of a single module is only 2KG aluminum bottom shell;

2. The mask adopts 304 stainless steel screws, which are anti-corrosion and never rust;

Wall Mounted Installation



Install expansion screws



Install the cabinet



Install expansion screws



Four corner front maintenance wrench



Easy to operate, safe and not deformed



Mechanical lock not easy to fall off



Removing the power box for maintenance in front of the cabinet



Simple, safe and efficient module assembly

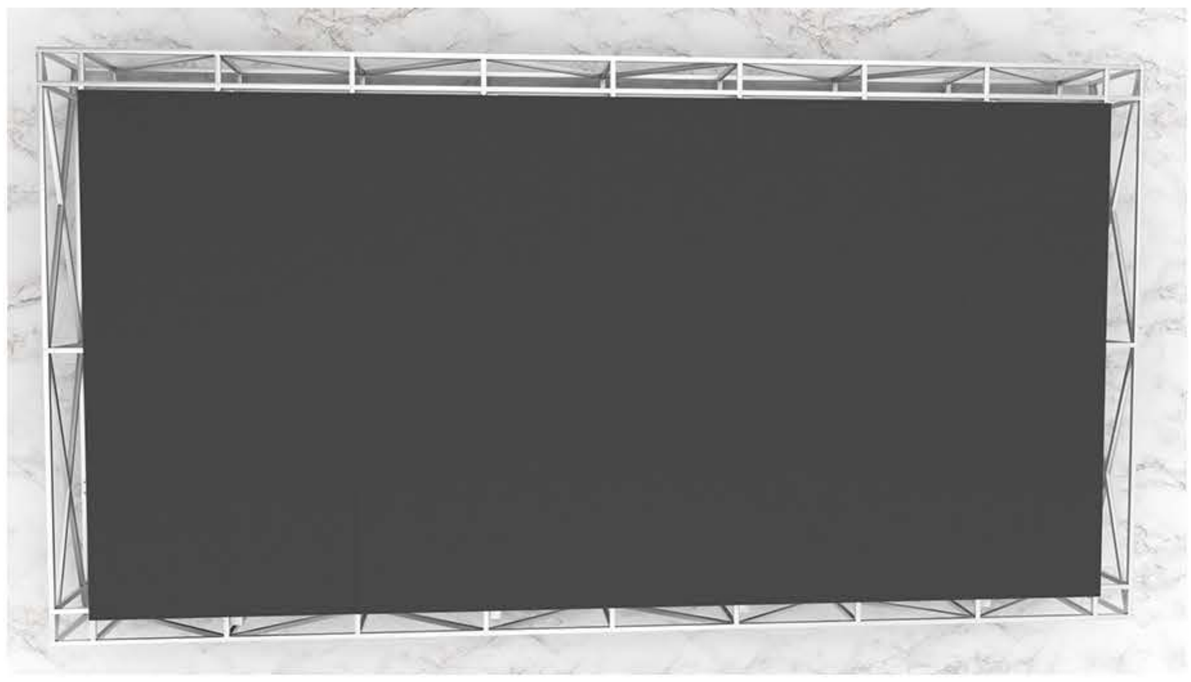


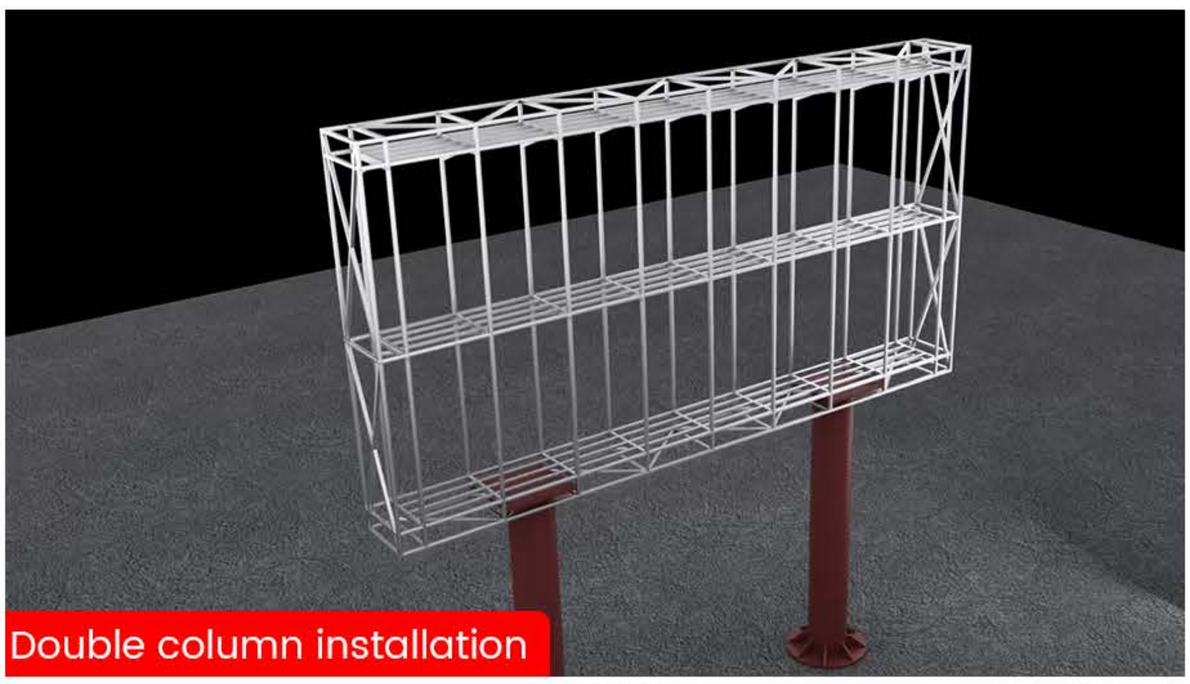
Install the mod

INSTALLATION METHOD

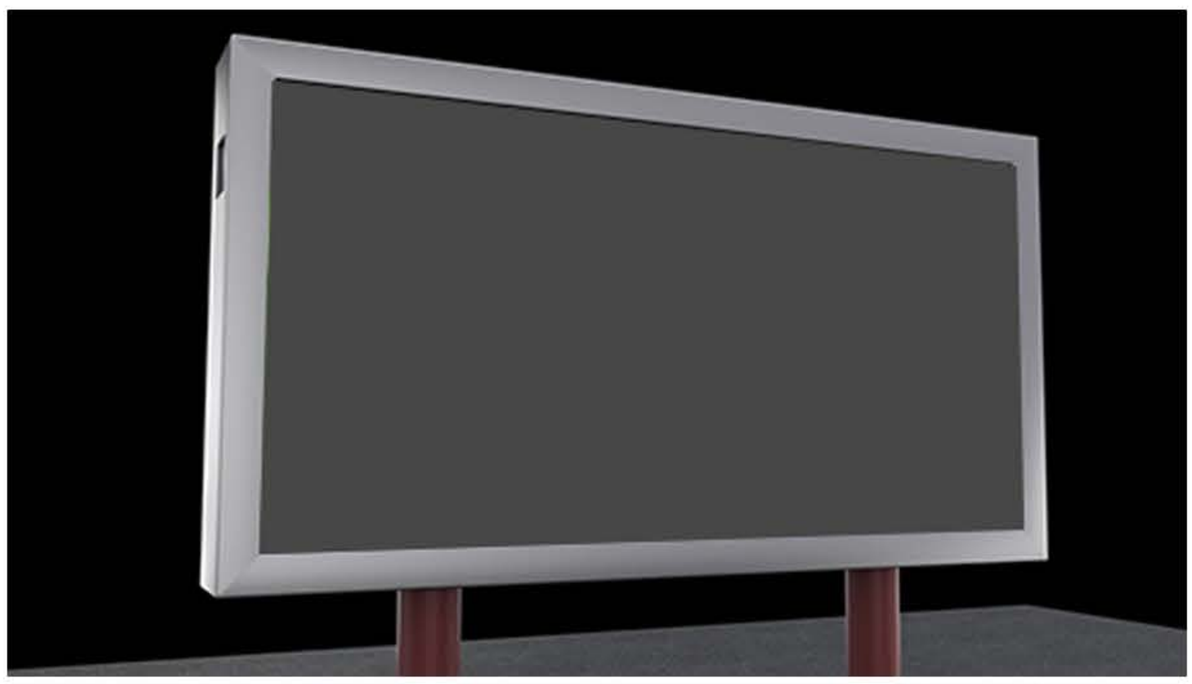


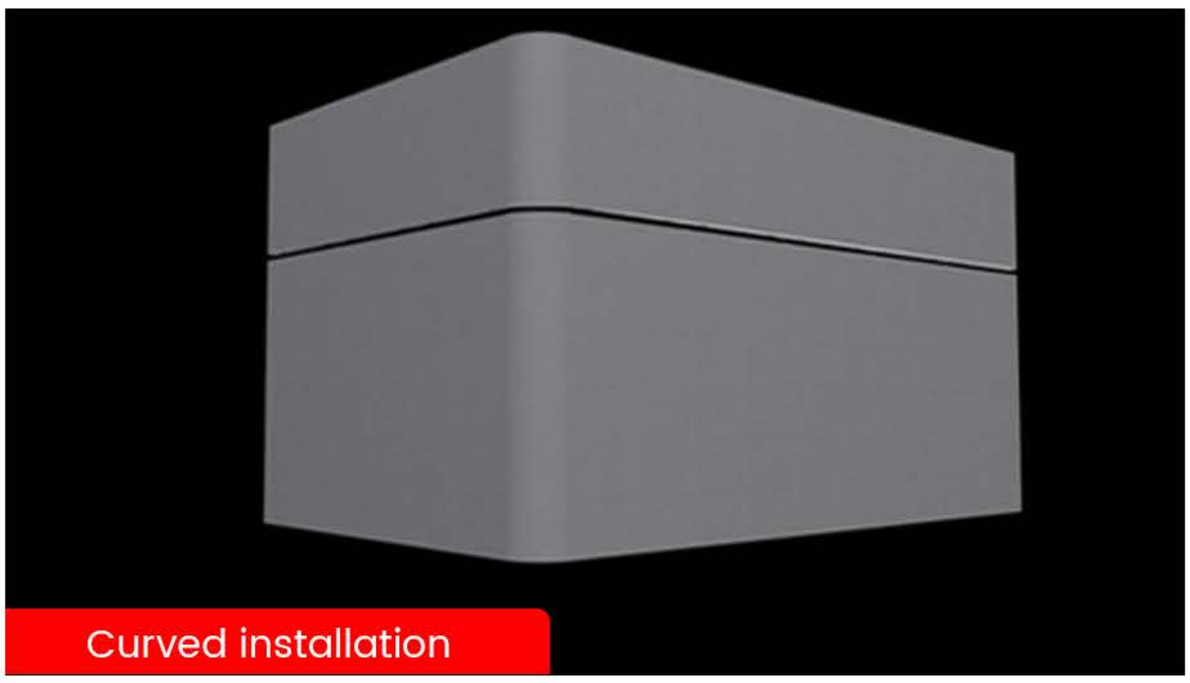
Wall mounted installation





Double column installation





Curved installation

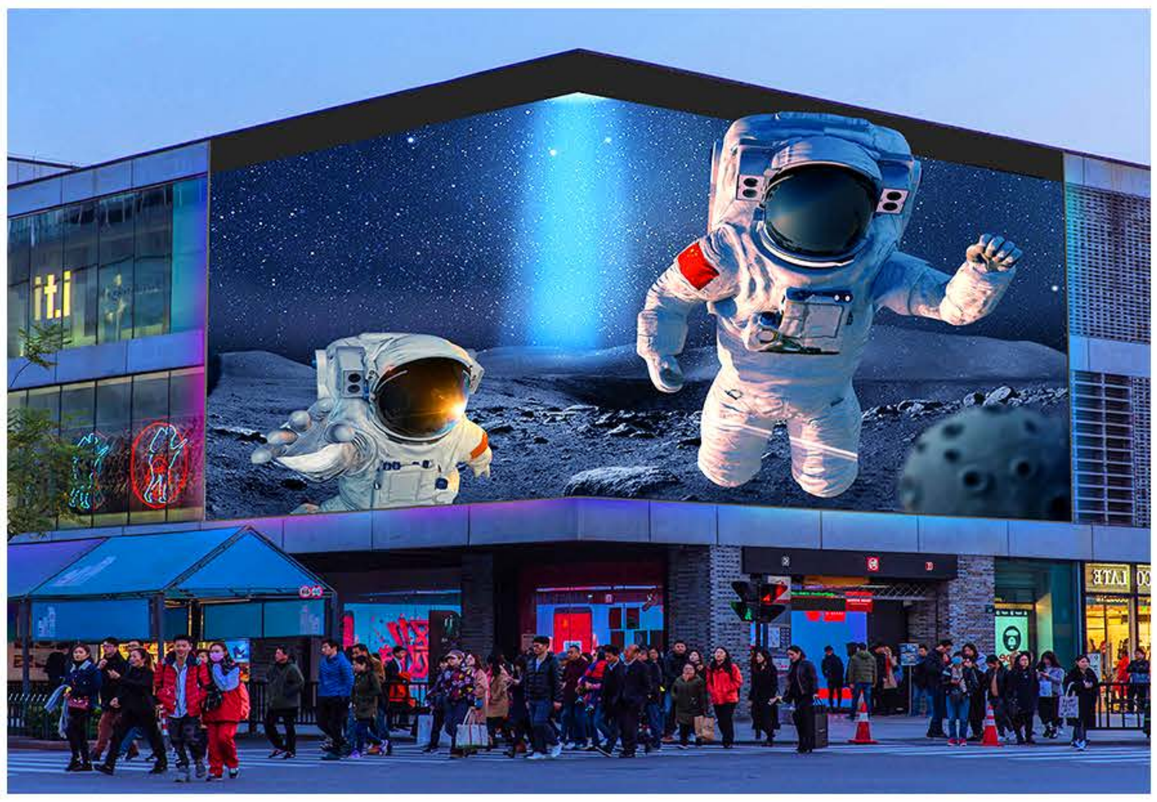




Right angle installation



POPULAR APPLICATIONS









PACKAGING & TRANSPORTATION





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