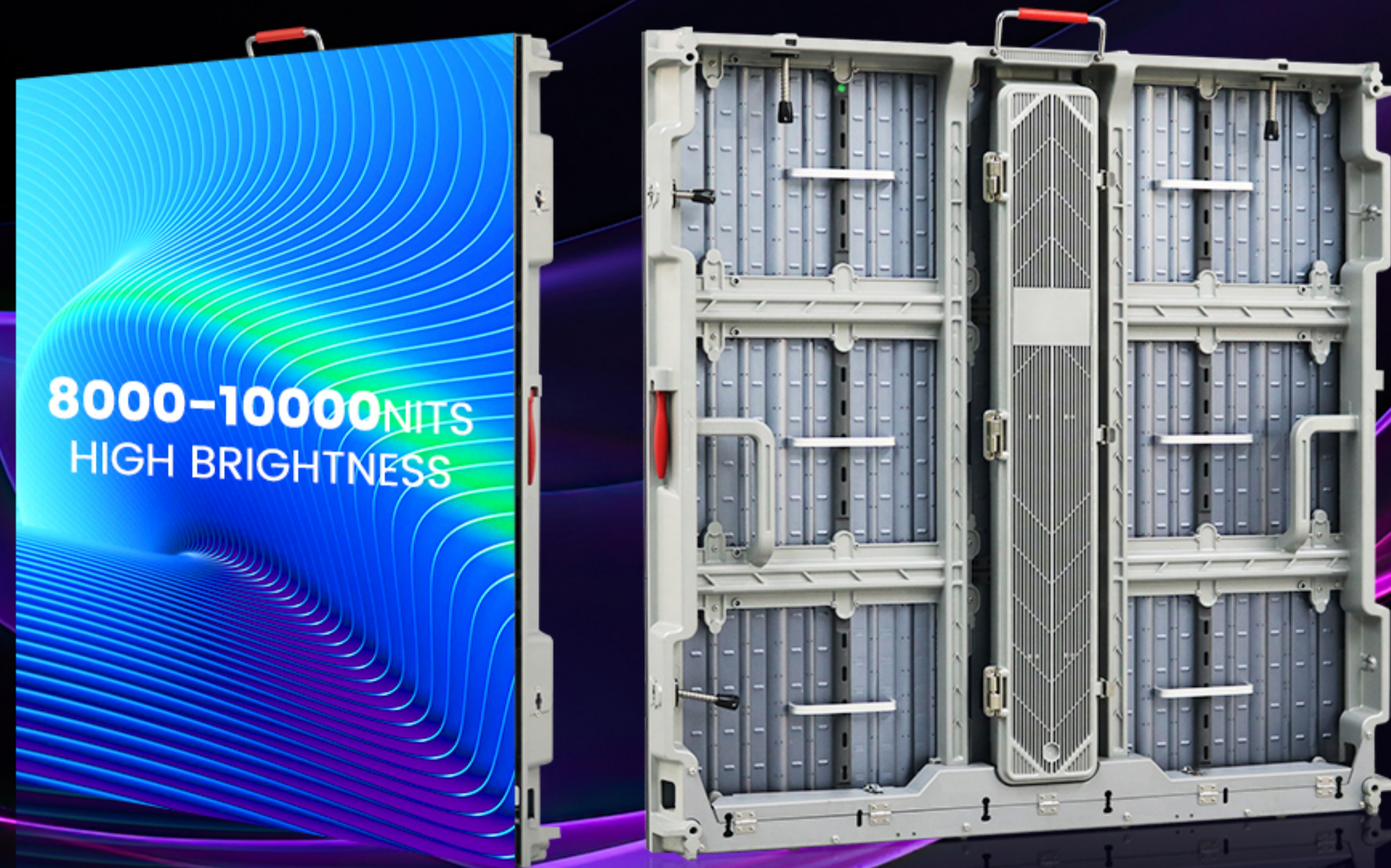
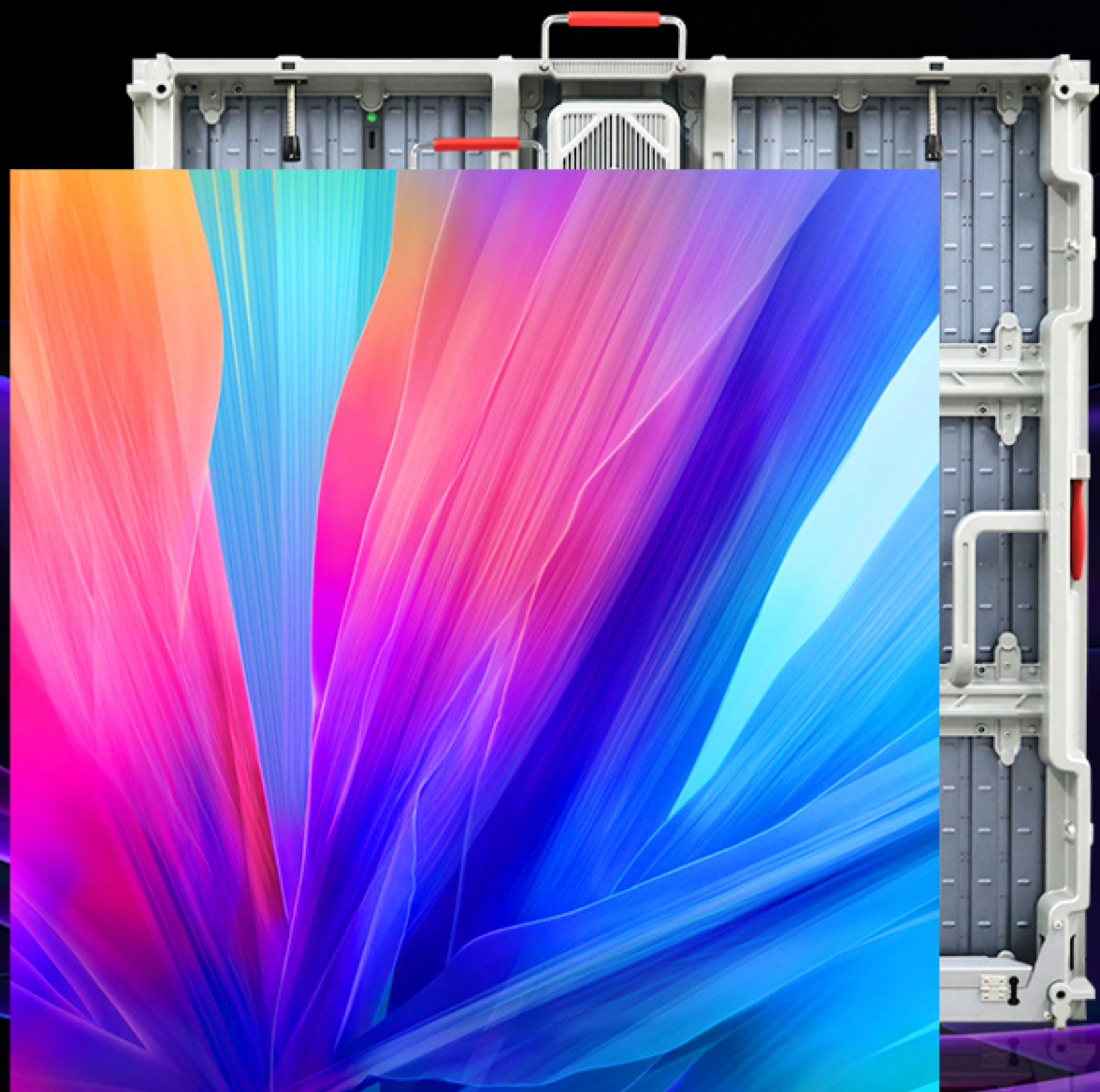


ALUMINUM OUTDOOR LED SCREEN

FA PRO SERIES





FA PRO SERIES

Pixel Pitch:P5 P6.667 P8 P10

Cabinet size:960*960*100mm

Module size:480*320mm

Cabinet Weight:27kg/m²

Brightness:8000-10000cd/m²(outdoor)

Refresh rate:7500Hz



IP68 Waterproof



Energy Conservation



Anti Blue Light



Front Rear Maintenance

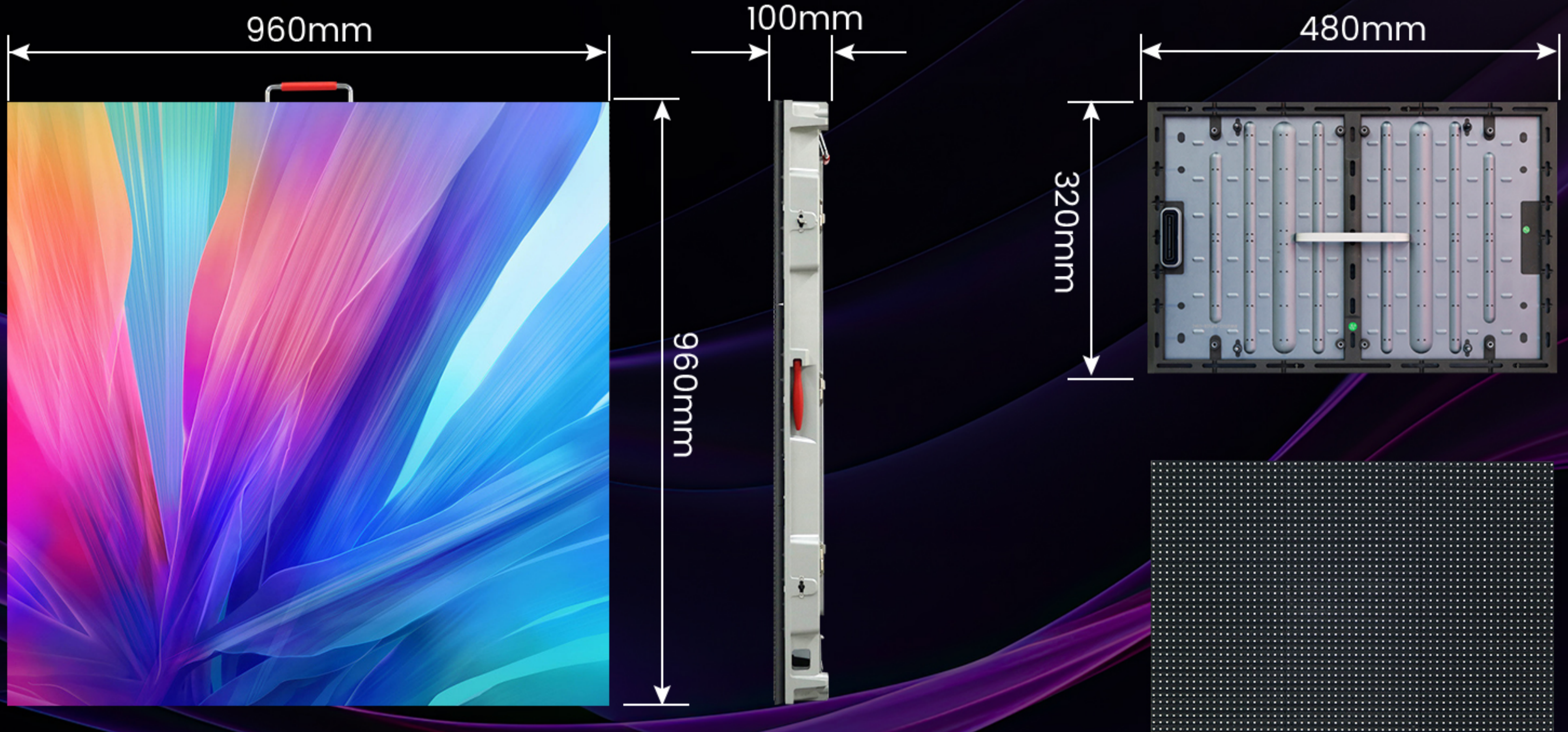


Efficient Heat Dissipation



Signal Redundancy

DIMENSIONS

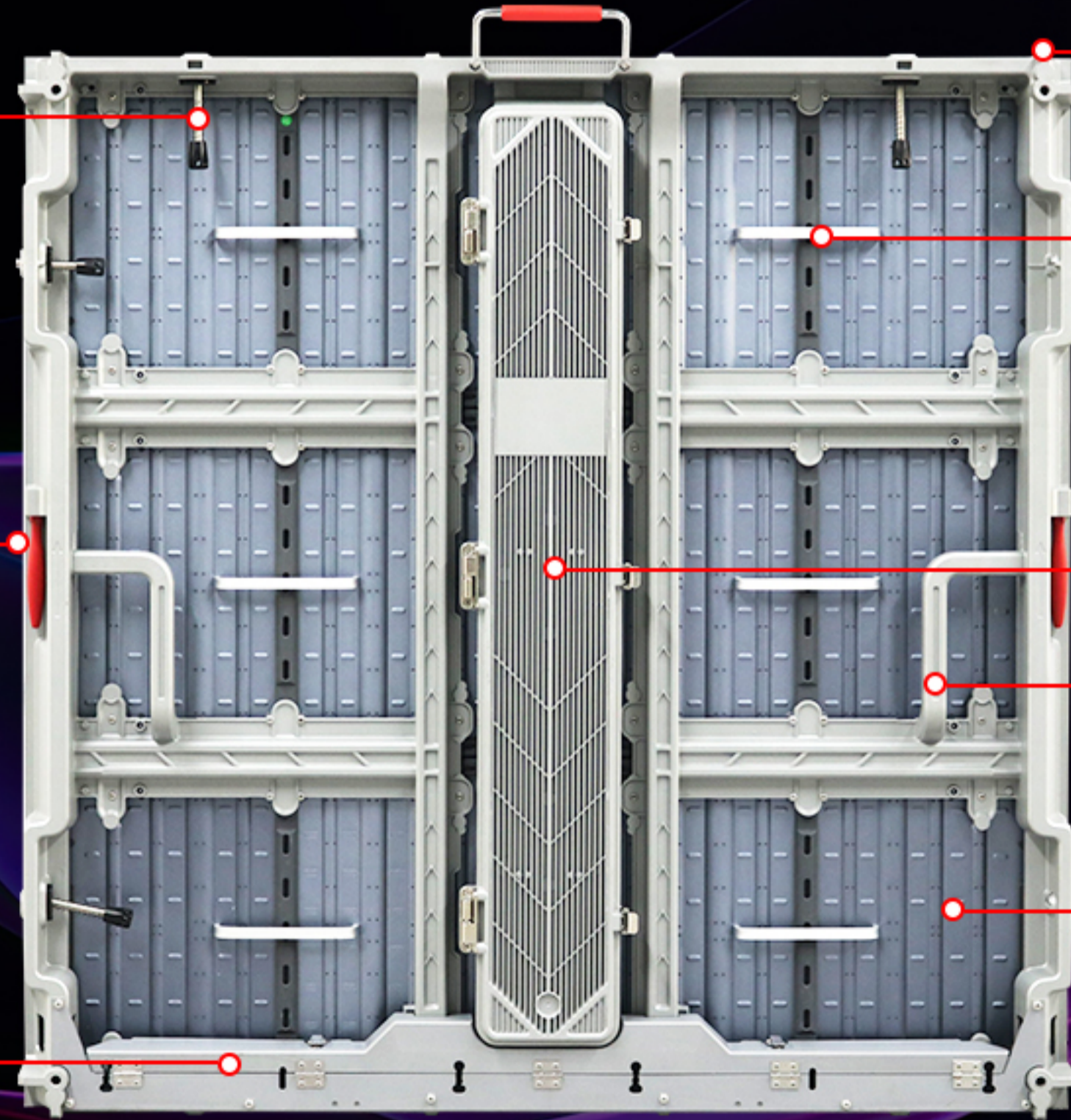


Cabinet size: 960x960x100mm

Module size: 480x320mm

(The module thickness is only 20mm)

USER-FRIENDLY DESIGN



Fast locks
Quick installation and connections for two cabinets

Location Pin
Quick and convenient installation
more stable fixation

Module handle

Hidden handle
Use the handle tool to lift it easily
save labor cost

Power box

Handle
User-friendly when doing installation

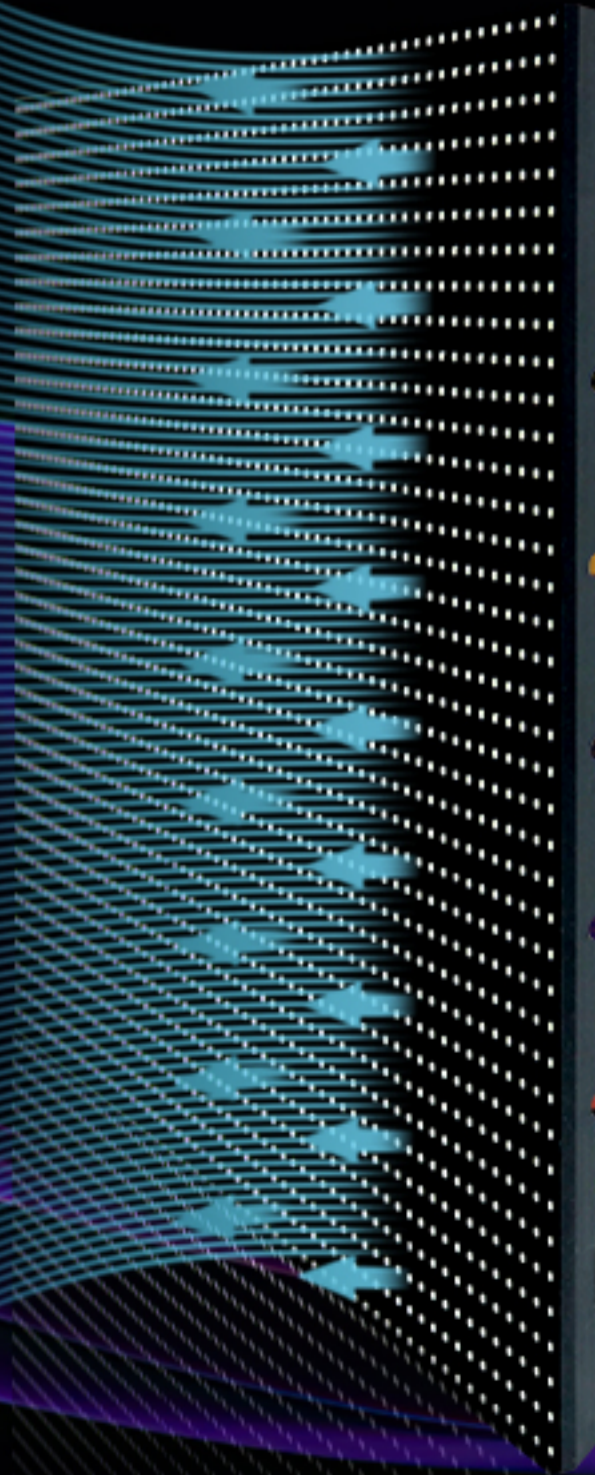
Hidden Cable Box
Protect the cables from damage caused by animals, bring down the possibility of maintenance

Aluminum module
Better heat dissipation performance
better, display performance

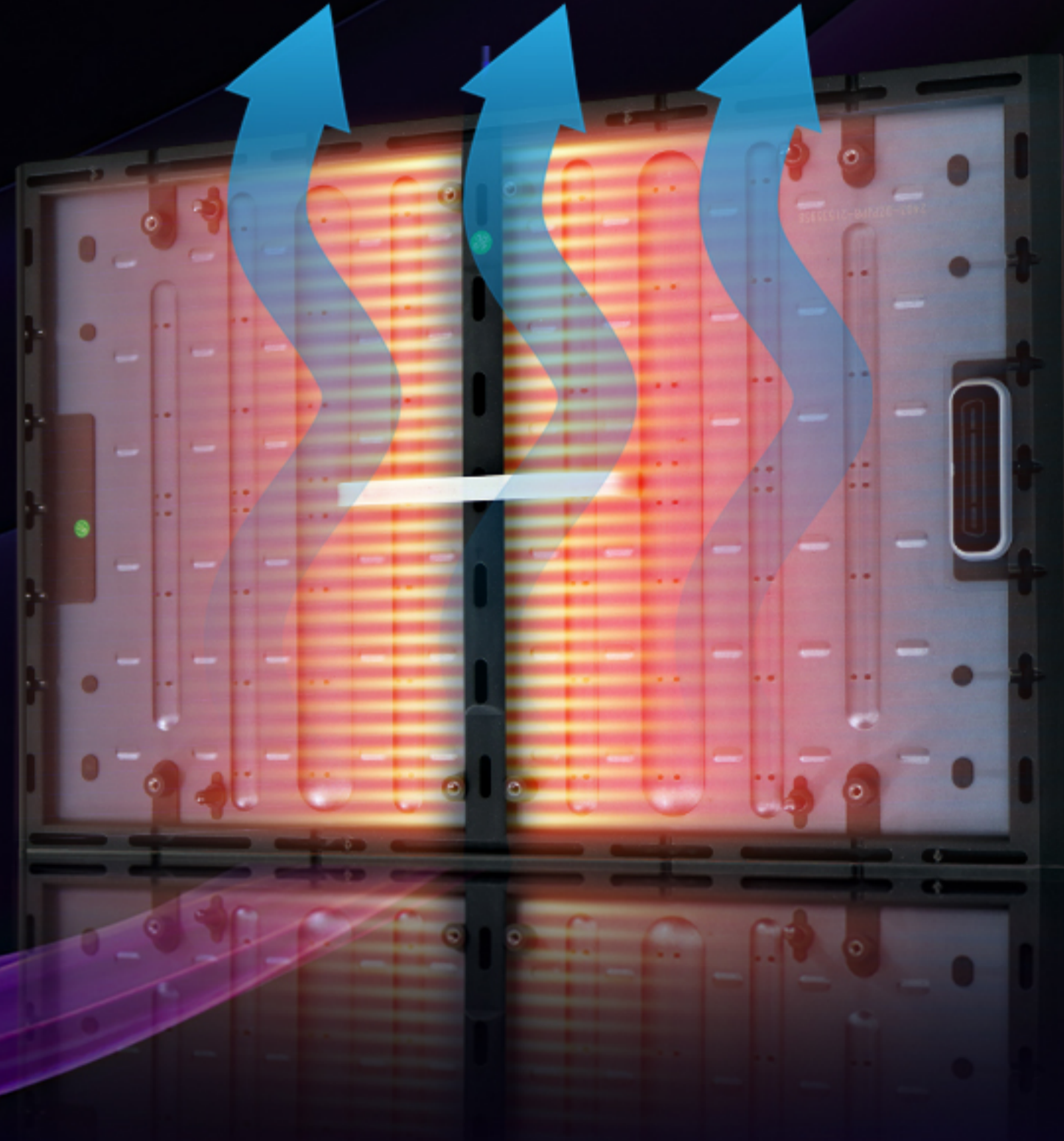
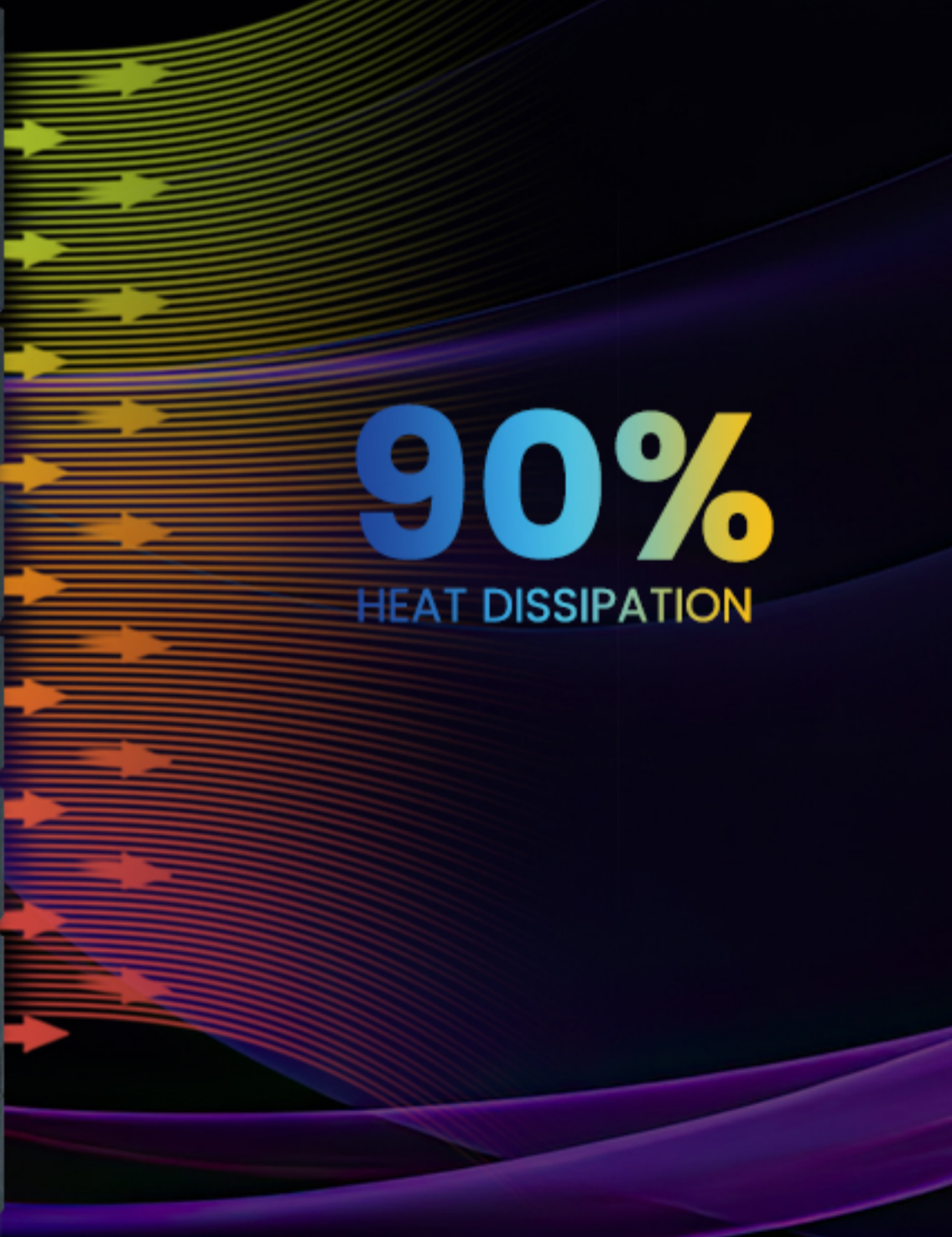
SOLID BOTTOM SHELL

This solid bottom shell design is different from traditional hollow cavity designs, as it can completely dissipate 90% of the heat from the bottom shell, avoiding the defect of traditional hollow cavity heat retention and inability to dissipate heat from the back.

10%
HEAT DISSIPATION

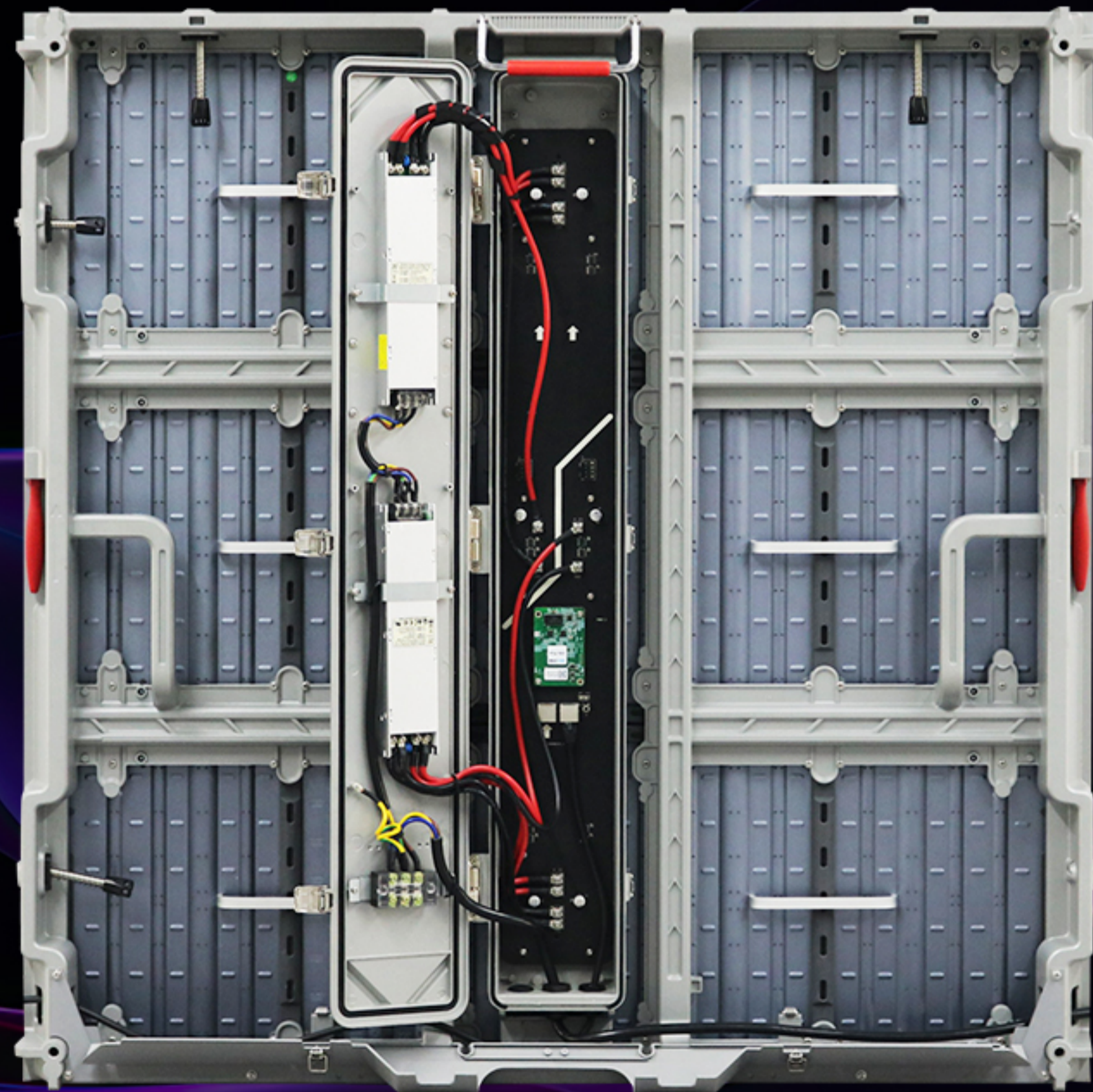


90%
HEAT DISSIPATION



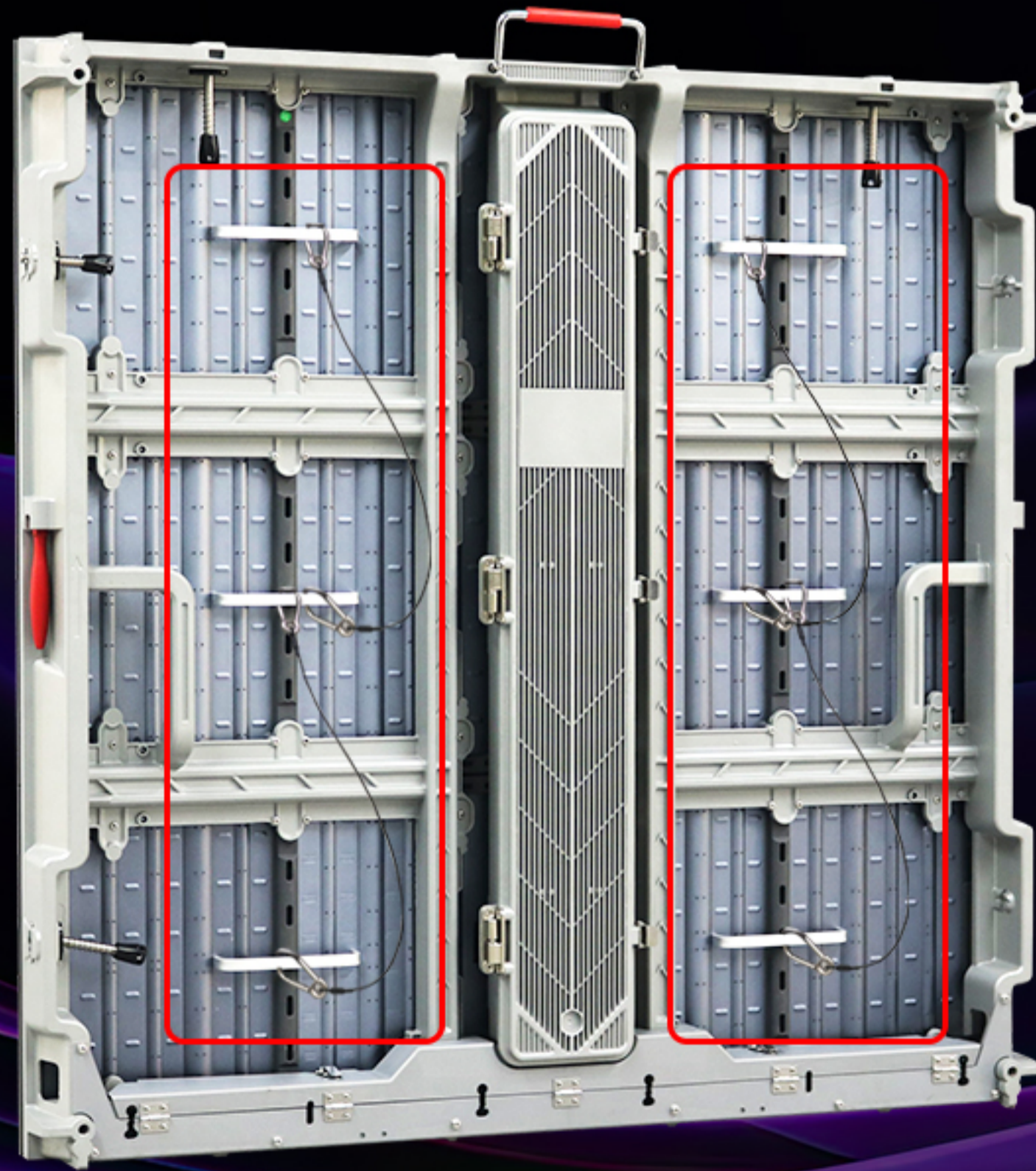
HUB BOARD CONNECTION

Module HUB hot-swappable hard link, also has signal backup initialization function



SAFE AND RELIABLE DESIGN

Protect module from falling down when doing maintenance.

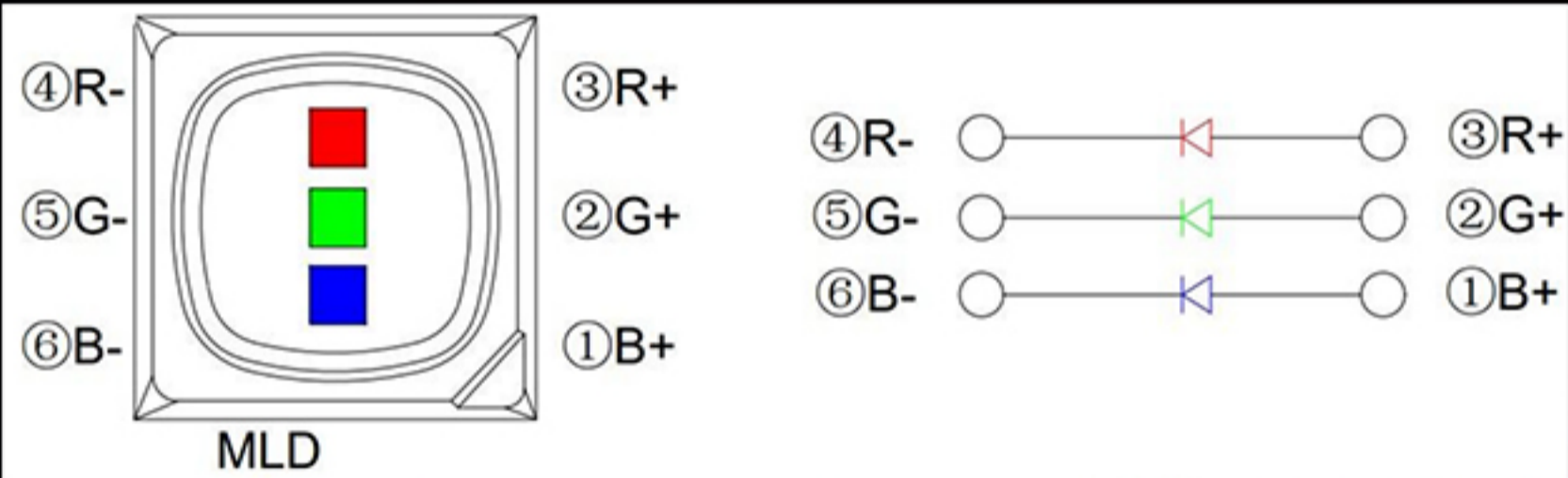


Safety Rope

ENERGY CONSERVATION

The circuit design has 100% redundancy, high conversion rate power supply, no bias load, balanced current, and saves 30% energy than conventional ones.

Six-pin precision power supply solution



P8	Power	FA PRO series	other
8000nits	Maximum power	600w/m ²	720w/m ²
	Average power	80-120w/m ²	120-160w/m ²



30%
Energy saving

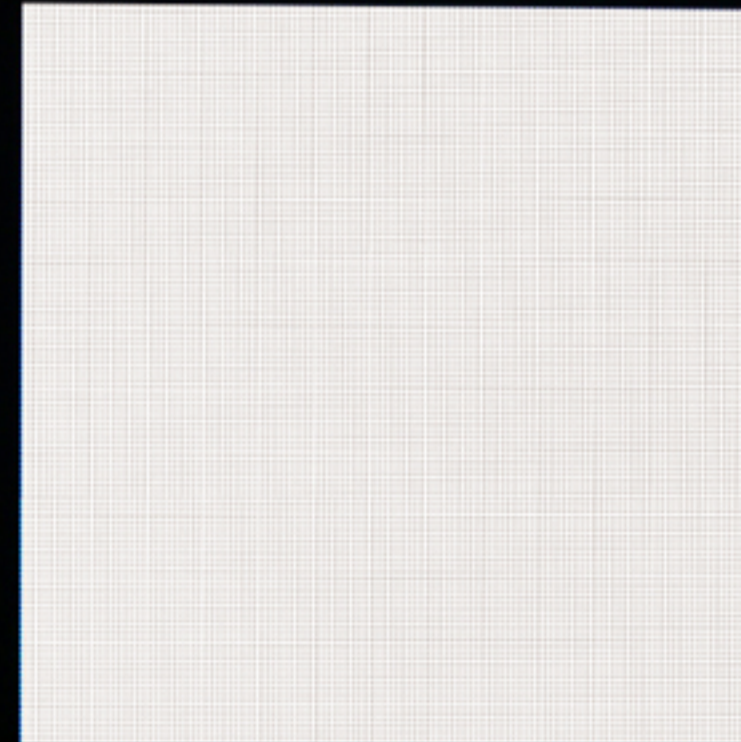
NO COLOR DEVIATION

No temperature drift or color deviation after full white heat balance, low reflection coefficient (white ratio) high physical contrast (black/white), high refresh rate, high gray scale (small proportion of the screen occupied by the lamp)

P8	Standard	FA PRO SERIES	Other
Brightness	white balance	8000 cd/m ²	7500 cd/m ²
Lamp beads	Specifications	SMD1921	SMD3535
Reflection coefficient	White proportion	6.2%	11.4%
Physical contrast	Black/White	16:1	7.7 : 1
Refresh rate		7680 Hz	3840 Hz

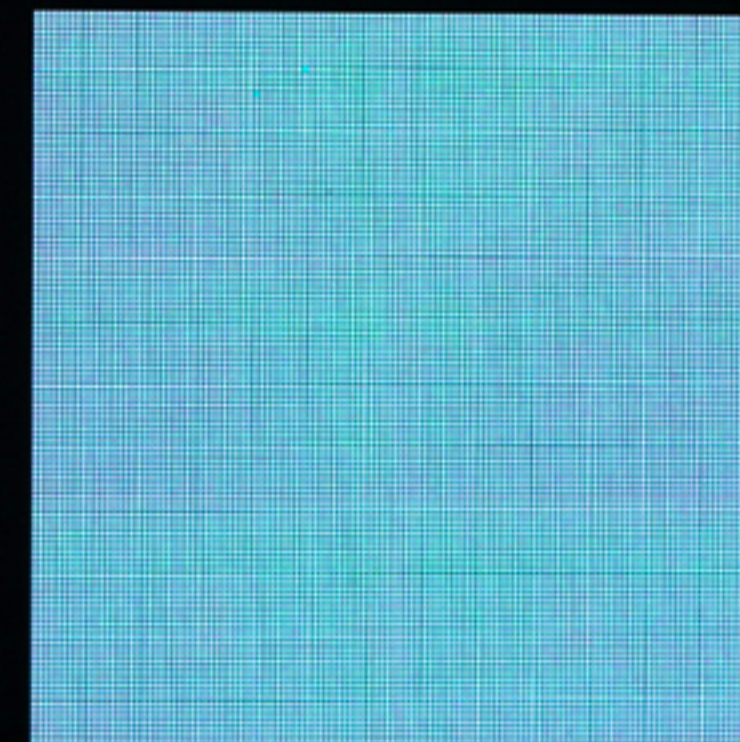
FA PRO SERIES

≥ 8000cd/m²



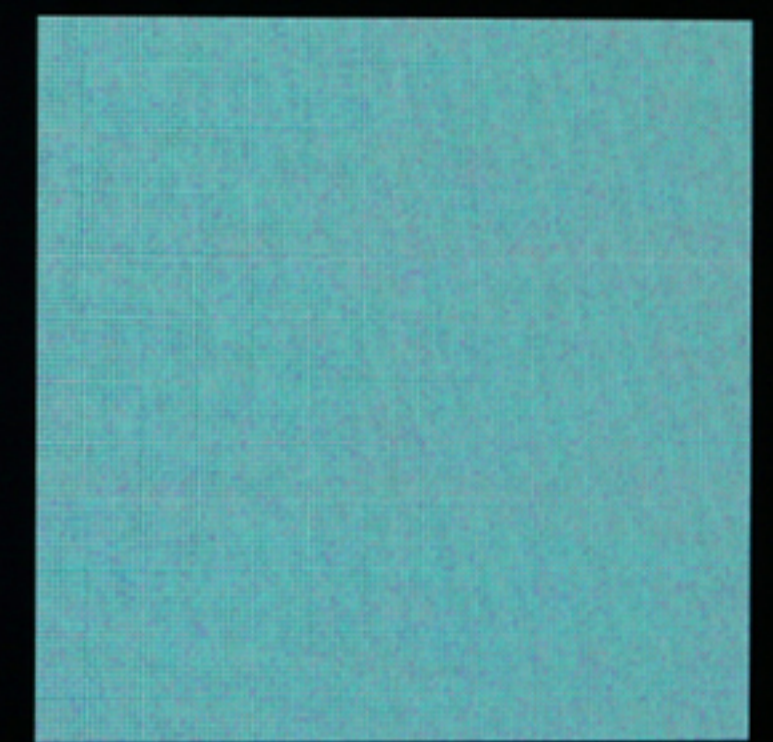
OTHER

7500cd/m²



OTHER

6000cd/m²



8000-10000CD/M² HIGH BRIGHTNESS

The brightness reaches up to 8000-10000nits, can instantly captivate attention & deliver content even under strong light

光谱	数据	CIE1931	CIE1960	CRI1	显示
L(cd/m ²):	9.2899k	Le(W/sr/m ²):	40.00		
xy:	0.2728,0.2893	uv:	0.1841,0.2929		
u',v':	0.1841,0.4394	S/P:	3.95		
CCT(K):	10857	Duv:	0.00546		
λd(nm):	481.6	λp(nm):	468		
HW(nm):	19.2	Purity(%):			

FA PRO SERIES

≥ 9000cd/m²

光谱	数据	CIE1931	CIE1960	CRI1	显示
L(cd/m ²):	8.5877k	Le(W/sr/m ²):	35.205		
xy:	0.2627,0.3062	uv:	0.1709,0.2988		
u',v':	0.1709,0.4482	S/P:	3.84		
CCT(K):	10891	Duv:	0.01995		
λd(nm):	486.6	λp(nm):	466.0		
HW(nm):	19.6	Purity(%):	25.9		

OTHER

8500cd/m²

光谱	数据	CIE1931	CIE1960	CRI1	显示
L(cd/m ²):	6.1399k	Le(W/sr/m ²):	24.220		
xy:	0.2721,0.3229	uv:	0.1719,0.3061		
u',v':	0.1719,0.4591	S/P:	3.65		
CCT(K):	9244	Duv:	0.02214		
λd(nm):	489.5	λp(nm):	631.0		
HW(nm):	15.7	Purity(%):	21.4		

OTHER

6000cd/m²

WHY CHOOSE FA PRO SERIES?

Comparison based on 8000nits

FA PRO SERIES

VS

OTHER

Grayscale Image Quality

8000 cd/m²	Brightness(White Balance)	7800cd/m ²
SMD1921	Led Lamp	SMD3535 (Nationstar golden wire)
6.2%	Reflection(White Light Ratio)	11.4%
16:1	Physical Contrast(Black/White)	7.7:1
7500Hz	Refresh Rate	3840Hz

Increased Temperature(2 hours of white light,Environment Temperature=20°C)

50°C	Chipset Peak Temperature	69°C
30°C	Increased Temperature	49°C

Display Surface Heat Dissipation Balance(2 hours of white light)

50°C	Max. Temperature	69°C
45°C	Min.Temperature	44°C
5°C	Temperature Difference	25°C

Overall Heat Dissipation Balance(2 hours of white light)

50°C	Front Side	69°C
48.4°C	Back Side	51°C
1.6°C	Temperature Difference	18°C

Light Decay(2 hours of white light)

8000cd/m²	Beginning	7800cd/m ²
7600cd/m²	Ending	6870cd/m ²
5%	Decay rate	12%

Color Deviation in Temperature Drift

Without	(After Heating Blance in White light)	Cyan
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Energy-saving and Power Consumption

4.0V	Power Supply(Voltage)	4.2V
600w/m²	Brightness 8000 cd/ m ² (Power)	720w/m ²

IP68 WATERPROOF LEVEL

IP68 high protection level, can cope with all bad weather, moisture proof, anti-corrosion, aluminum module with good heat dissipation effect



Waterproof



Dustproof



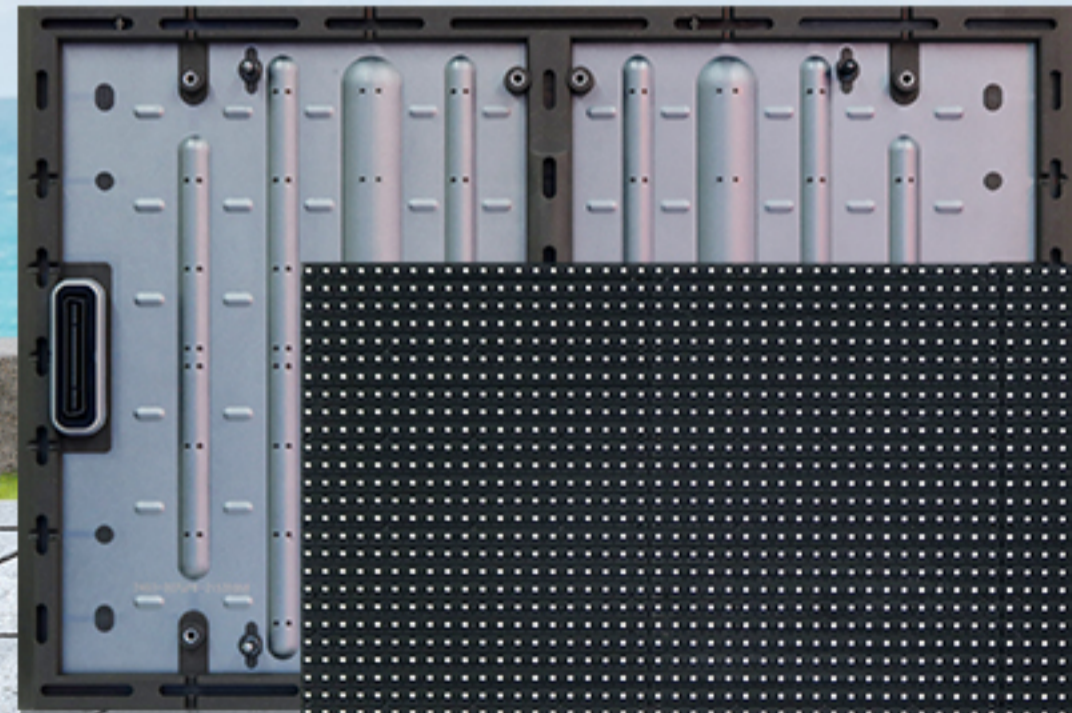
Anti-static



Anti-oxidation

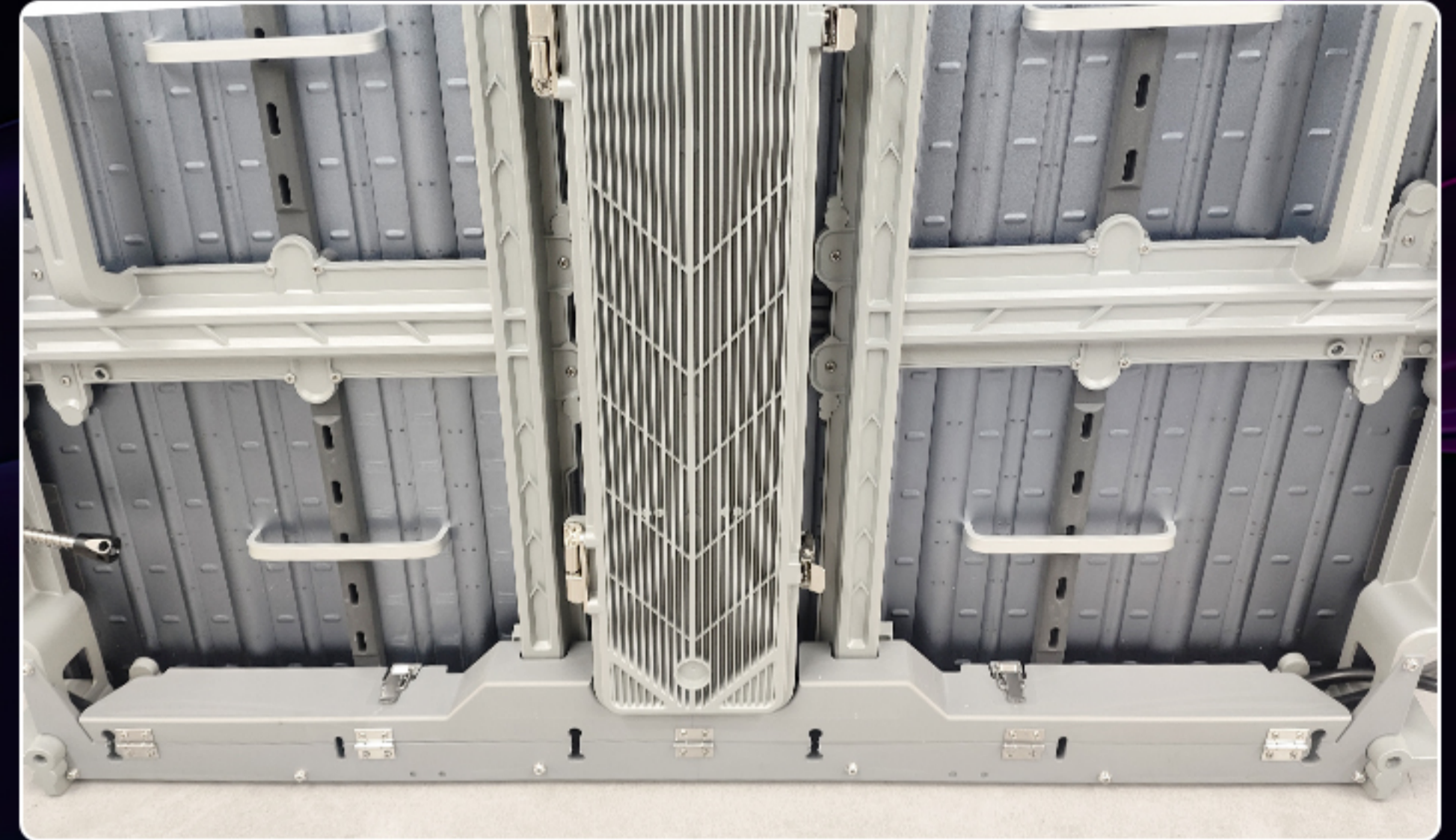
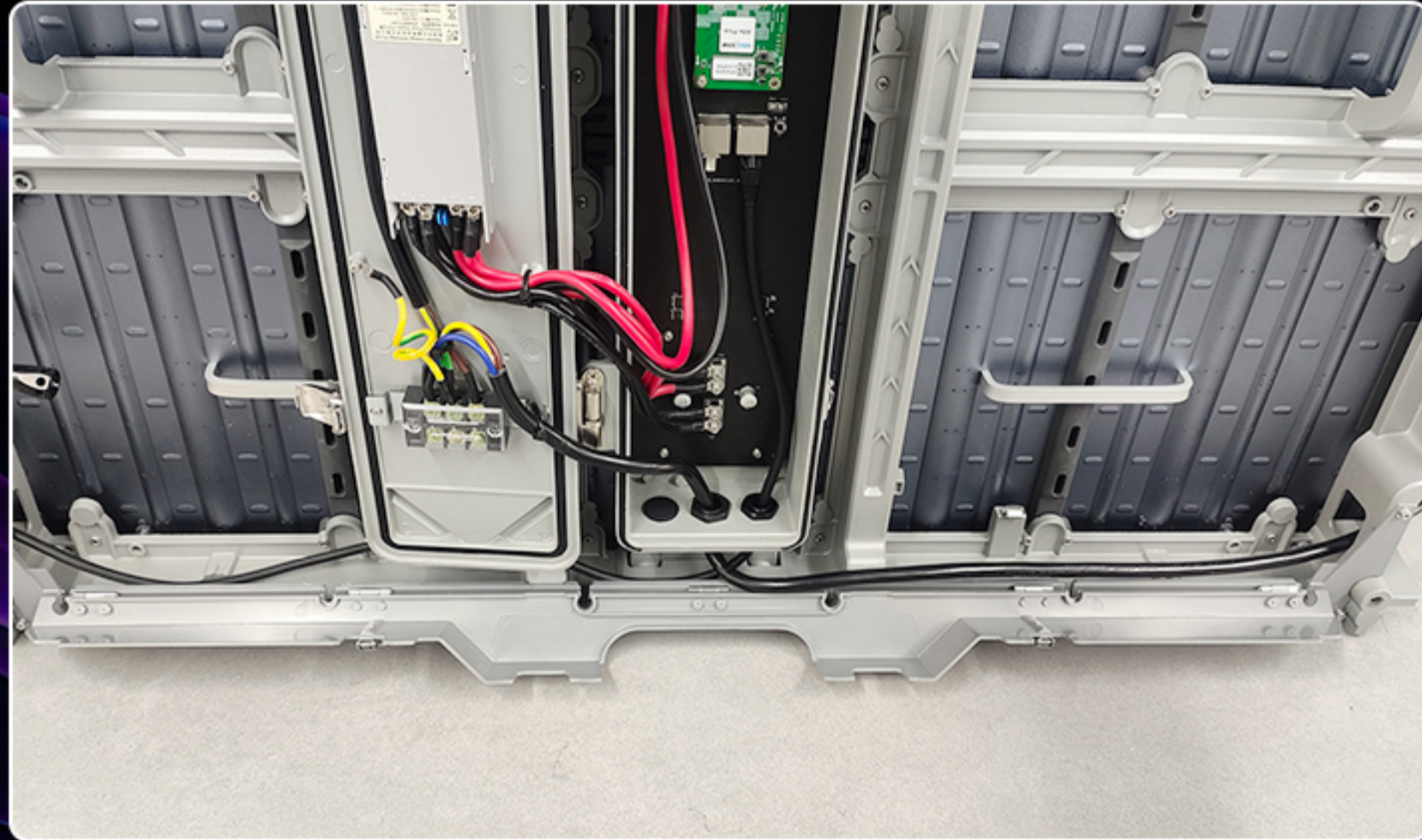


Anti-impact



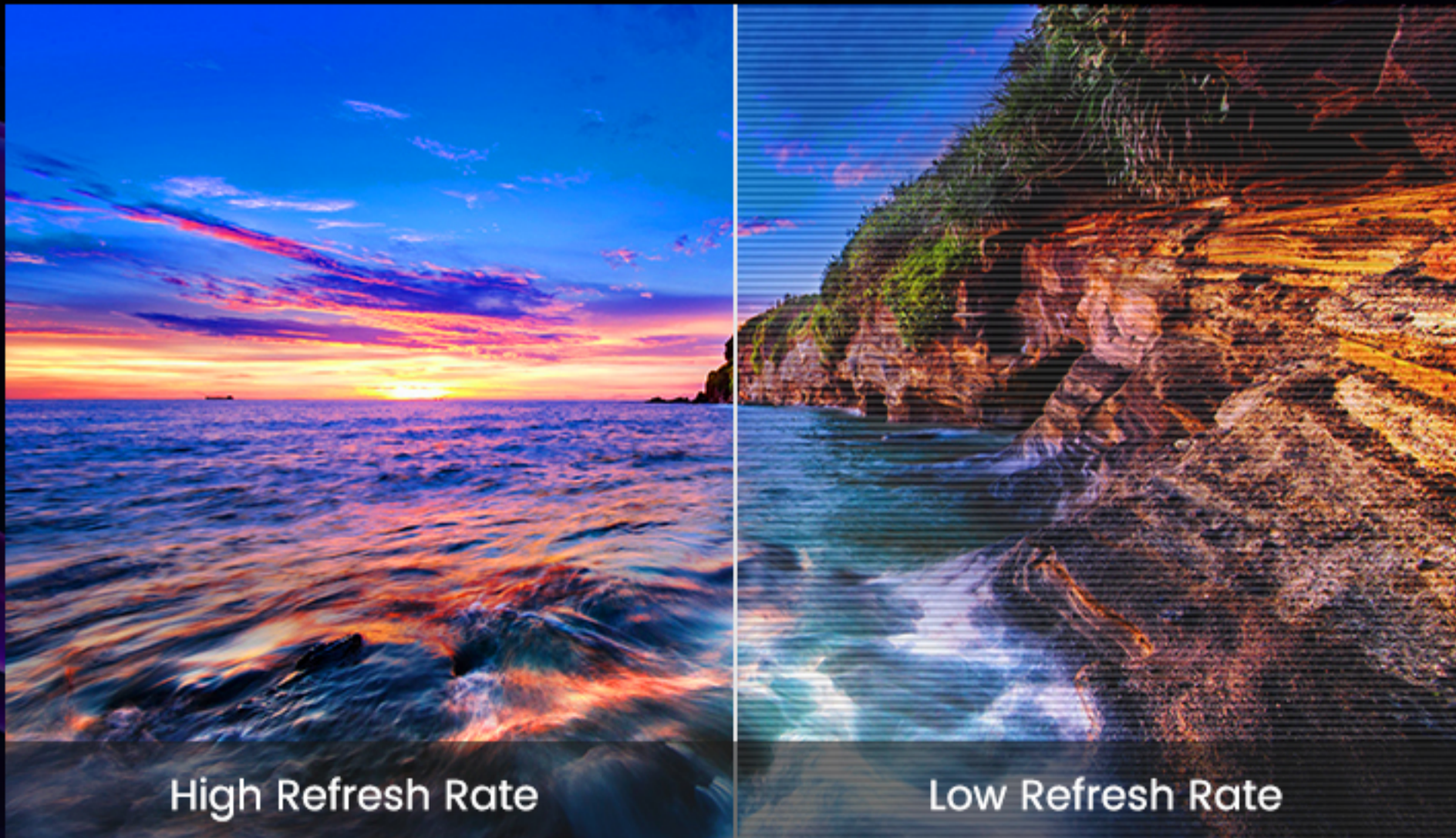
HIDDEN CABLE BOX DESIGN

Decreasing the possibility of failure caused by cables, also make whole screen tidy and elegant appearance



HIGH REFRESH RATE

Delicate picture with no flicker, superior displays effects



ALL IN ONE PACKAGE

For most popular outdoor DOOH applications such as wall mount or pole mount ,rooftop mount, truck mount,we can offer all structures to 100% matching with our FA PRO series , shorten the purchasing period.



Embedded installation



Wall mounted installation



Column installation



Truck installation



Right angle installation



Curved installation

SPECIFICATIONS

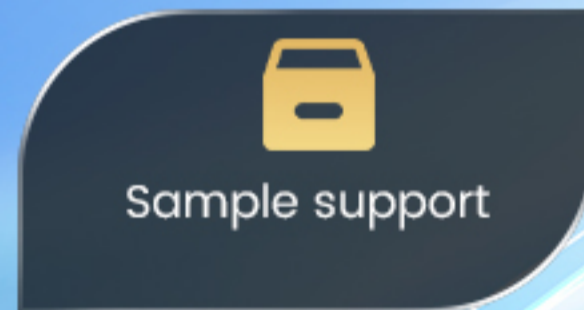
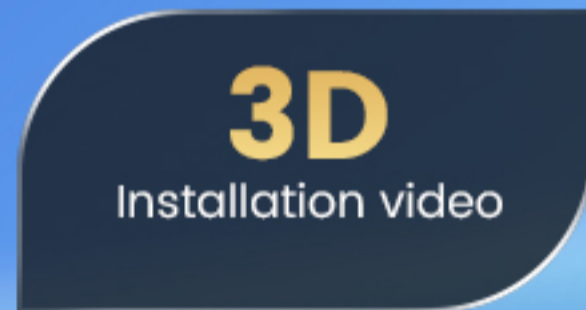
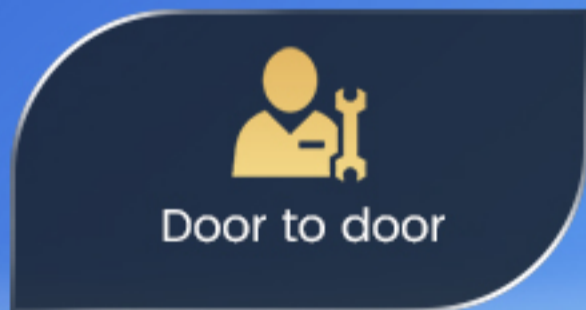
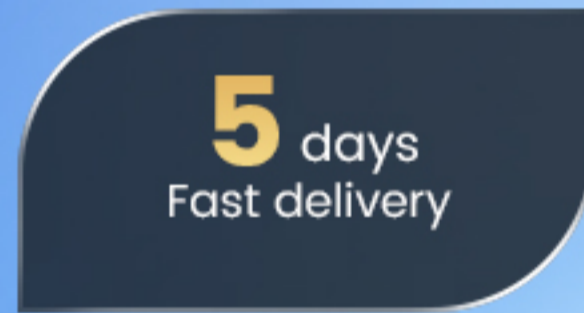
Pixel Pitch (mm)	5	6.67	8	10
Packaging method	SMD 1921 Triple In - (Six Leg Lamp)			
Brightness	8000-10000cd/m ²			
Module resolution	96x64 dots	72x48 dots	60x40 dots	48x32 dots
Module size (WxH)	480x320mm			
Pixel density	40000pixels/m ²	22500pixels/m ²	15625pixels/m ²	10000pixels/m ²
Cabinet resolution	192x192dots	144x14410dots	120x120dots	96x96dots
Cabinet size (WxHxD)	960x960x100mm			
Cabinet weight	27kg/m ²			
Maintenance method	Front and rear maintenance			
Protection level	Front IP68 and rear IP66			
Cabinet flatness	≤0.4mm			
Module/box material	Aluminum/Die cast Aluminum			
Module connection method	Hard connection design			
Module signal connection point	Dual backup redundancy			
Color temperature	Adjustable from 2000K to 15000K			
Viewing angle	Horizontal>160 °, vertical>110 °			
Physical contrast (black/white)	8:1	10:1	15:1	24:1
Reflective coefficient (white ratio)	12%	9%	6.3%	4%
Maximum power	700w/m ²	660w/m ²	650w/m ²	590w/m ²
Average power	70-180W/m ²			
Power parameters	AC 100~240V/low voltage power supply			
Grayscale	16bit			
Refresh rate	7500Hz			
Frame frequency	50/60 Hz			
LED lamp life	100.000 Hours			
Operating temperature/humidity range	-20°C~+60°C/10~90%RH			

APPLICATIONS



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



CERTIFICATE













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