



LED Screen

Titanium Crystal series



Panel-Level display unit.Backpack type
control system.
Light metal alloy radiator

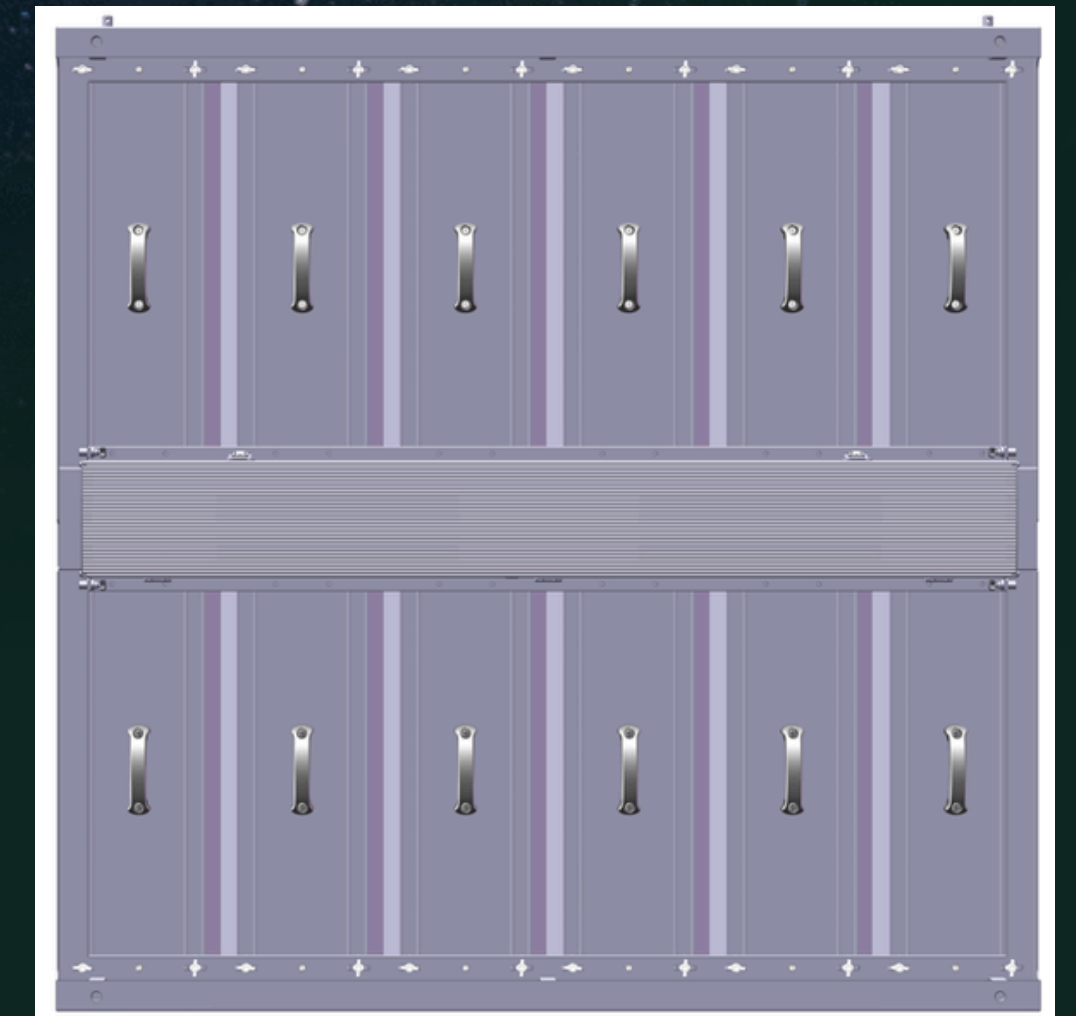
Product introduction

With various innovative technologies, the world first LED Panel Screen is coming!!

A single panel screen can independently become a display unit, breaking the traditional design of the Cabinet display unit. The panel supports assembly and can be easily made into any size.

The panel is extremely light support front and rear maintenance, can effectively reduce construction difficulty.

The panel has light metal alloy radiator and thermal conduction channel, can actively dissipate heat, realize green environment, energy saving and increase service life.



P6.67/P8/P10

3 Year warranty

描述	技术指标 Technical parameter	P2.5	P3.076	P4	P5	P6.667	P8	P10
面板 Panel	面板尺寸 Panel size	640mm(W)*640mm (H) *90.0mm (T)			960mm(W)*960mm (H) *89.6mm (T)			
	物理点间距 Pixel pitch	2.5mm	3.076mm	4mm	5mm	6.667mm	8mm	10mm
	面板分辨率 (W*H) Panel resolution	256dots*256dots	208dots*208dots	240dots*240dots	192dots*192dot	144dots*144dots	120dots*120dots	96dots*96dots
	物理密度 Pixel density	160000dots/m²	105625dots/m²	62500dots/m²	40000dots/m²	22500dots/m²	15625dots/m²	10000dots/m²
	灯体 LED specification	1415 SMD		1921 SMD		2727 SMD		
	单元尺寸 (W*H) Unit size	640*160mm		960*160mm				
	单元分辨率 Unit resolution	256dots*64dots	208dots*52dots	240dots*40dots	192dots*32dots	144dots*24dots	120dots*20dots	96dots*16dots
	面板重量 Weight	13kg±2 kg		27kg±2 kg				
	面板材质 Material	铝材						
	维护方式 Maintenance mode	前/后维护						
光参数 optical parameter	最佳视角 Best viewing angle	120°(H)/120°(V)						
	白平衡亮度 Brightness of while balance	≥5000cd/m²		≥6000cd/m²				
电参数 Electrical parameter	最大功率 Max Power consumption	600W/m²				500W/m²		
	平均功耗 Average power consumption	200W/m²				150W/m²		
	工作电压 Working voltage	AC200-240V						
主要技术参数 Main technical parameter	使用环境 operating environment	户外						
	刷新频率 Refresh frequency	≥3840Hz						
	防护等级 IP Grade	IP65 正面						
	贮存温度 Storage temperature	-40℃~60℃						
	运行温度 Working temperature	-20℃~50℃						
	相对湿度 Operation humidity	10%~90%						
	平均无故障时间 MTBF	≥5000 hours						

Advantages of panel screen

anti
water&dusk

IP65 protection level on rear
and the front side

naked 3D

The best viewing experience with
naked eye 3D technology

super
light&thin

Thickness≤19mm
Weight ≤28kg/m²

brightness

brightness
≥6000cd/m²

self-
heatdissipatio
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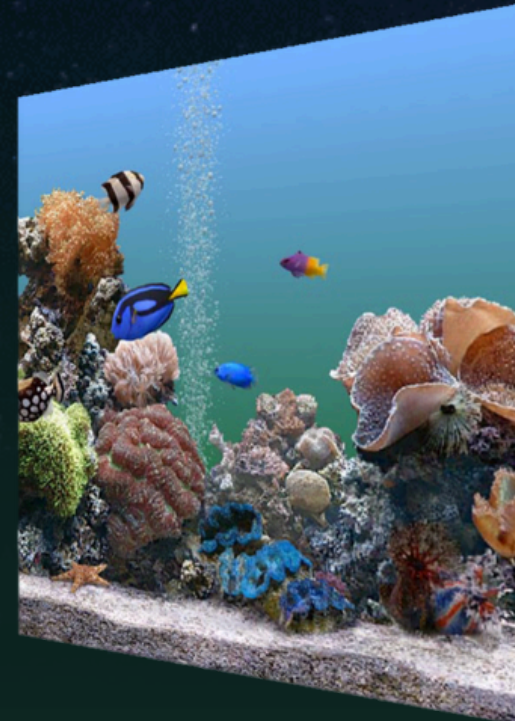
Actively dissipate heat on the
rear side

Interfrat
ed

Highly integrated design, which
makes the product more stable

45 degree
design

45 degree design on the
edge of the screen



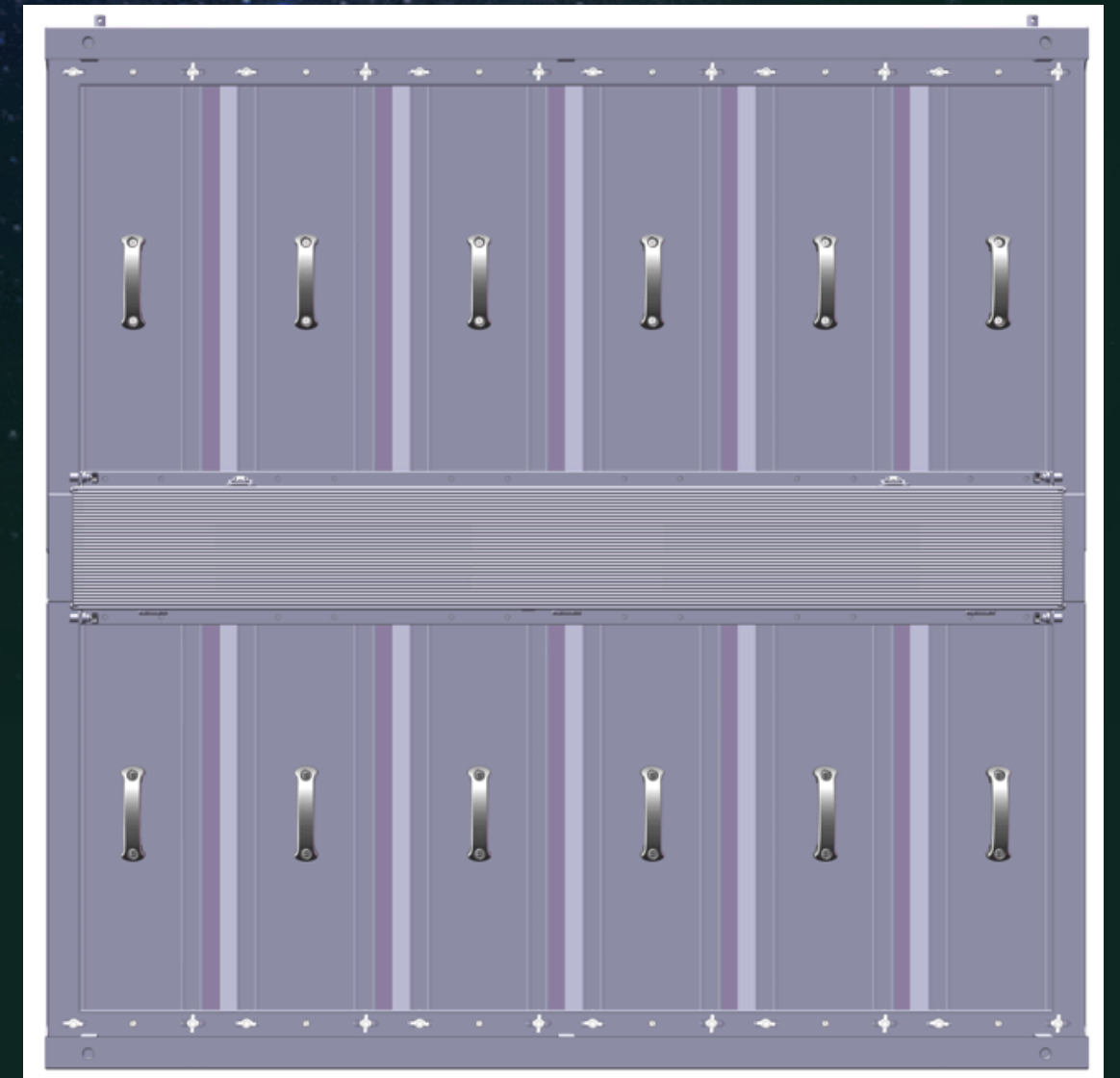
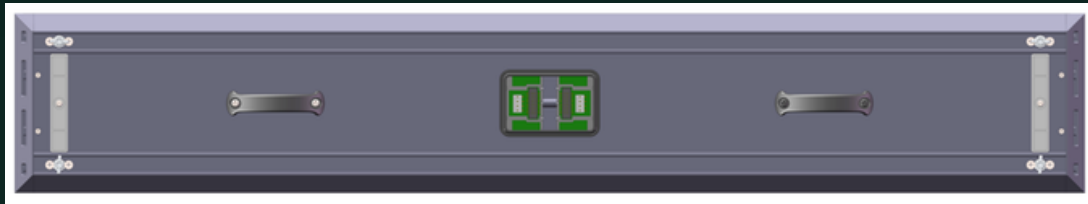
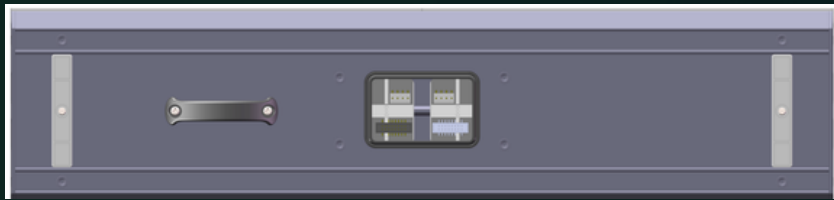
Advantages

Easy to
install

Thin and light, supports complete front and rear maintenance
Slim and full front and rear
maintenance

960/640*160*19mm

Super Light and thin design





- Actively dissipate heat

Light metal alloy radiator

With the thermal conduction channel

Green environment, Energy saving and long life span.

No air conditioner, no fan, less maintenance, low power consumption, low heat

comperation same 100m² with tranditional screen and Titanium Crystal series

项目 Item	传统屏 Traditional LED display	行业款 Industry fund	备注 Remarks
点间距 Pixel pitch	P6.67	P6.67	
面积 Area	100m²	100m²	
亮度 Brightness of while balance	≥ 5000cd/m²	≥ 6000cd/m²	
重量 Weight	55Kg/m²	30Kg/m²	
厚度 Thickness	120mm	90mm	
底壳材质 Material	塑胶 Plastic cement	铝底壳 Aluminium	
最大功耗 Max Power consumption	1000W/m²	500W/m²	
平均功耗 Average power consumption	360W/m²	150W/m²	
每天用时 Hours per day	14h	14h	
总共使用时间 Total usage time	5年	5年	暂且认为传统显示屏能使用5年 It is temporarily believed that the traditional display screen can be used for 5 years
所需空调 Air conditioner	4台2P	无	
安装费用 Installation cost	1200*100=12万	600*100=6万	-6万
空调电费 Air conditioning electricity charge	4*2*14*1.5*365*5=30.6万	无	-30.6万
屏体电费 Whole screen electricity charge	100*0.36*14*1.5*365*5=137.9万	100*0.15*14*1.5*365*5=54.5万	-83.4万

Frame and same 60 000RMB
power save:1140 000

- Safe, temperature resistance and corrosion resistance

Light metal alloy material, integrated design, Comparison with traditional plastic parts, has the higher safety, less deformation at high and low temperatures, and higher corrosion resistance. Specially designed for outdoor direct installation.



Titanium Crystal series



Die-casting cabinet



Traditional cabinet

- Front and rear maintainance

Light and integrated rotary lock pin design,which can be rear and front maintainece,Simplify operation and reduce construction material.



Front and rear maintainece with the Power & Control box

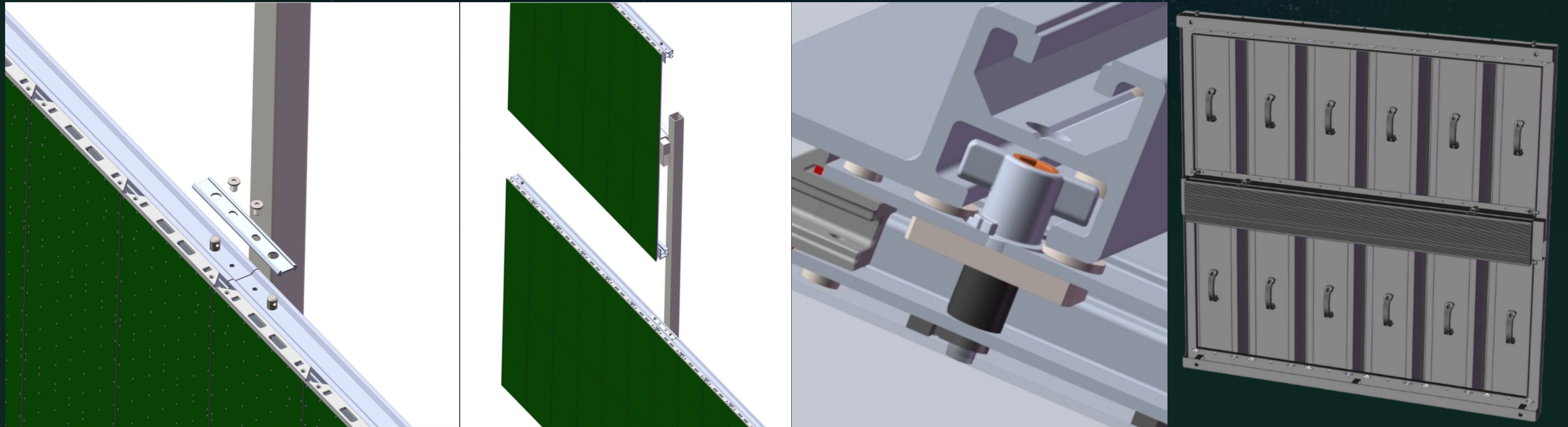
Remove the panel from the front side then remove the power cover,with this we can inspect if the power box have problem or not.easy and fast.



- Easily installation

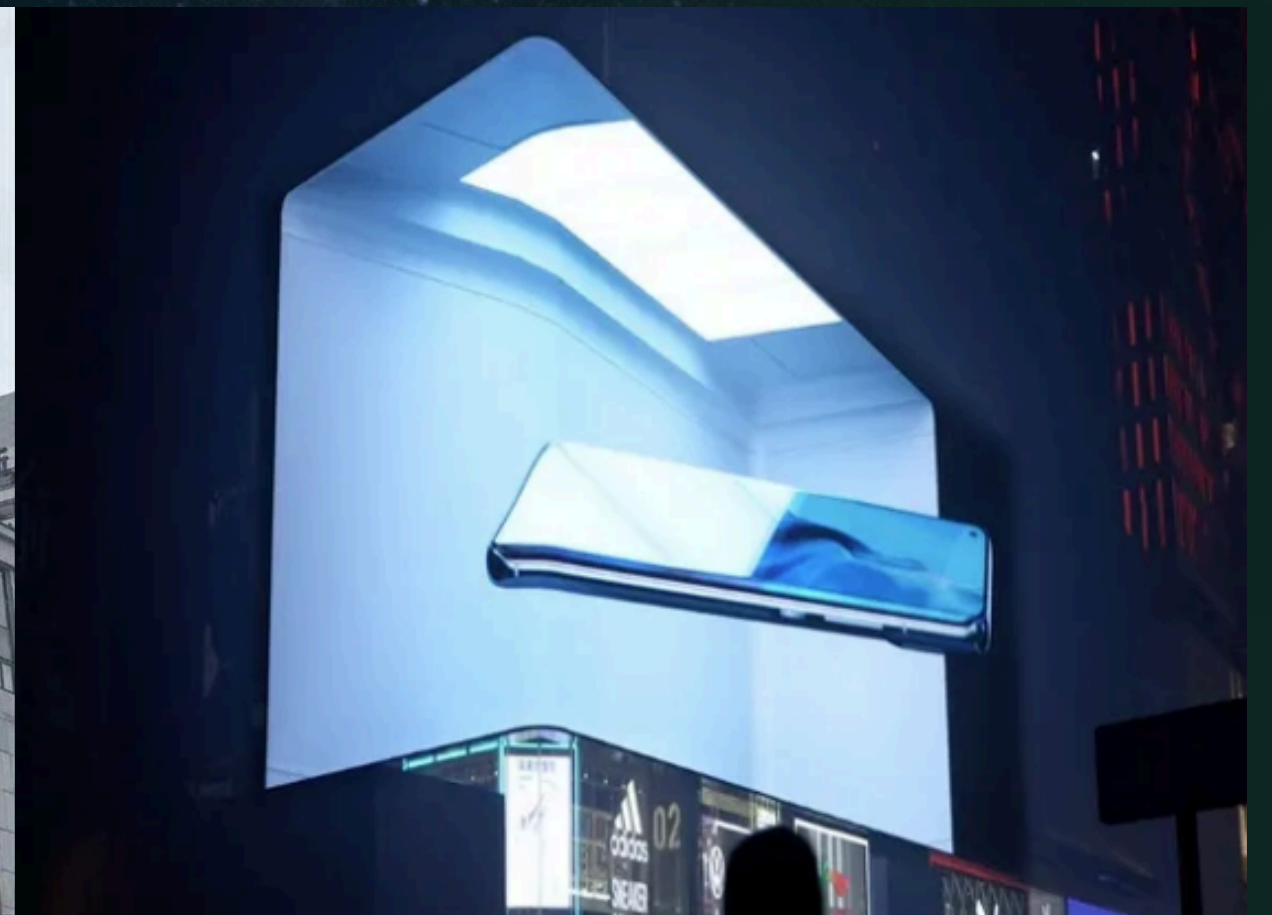
The construction frame steel frame is designed with self guiding positioning plate, which is easy to assemble and improves the flatness

Progressive locking device, with locking prompt tone, more Humanity



- The panel can be 90 degree or curve, which can

The screen can be any angle, and can meet different needs in many installation scenarios and wider application



Advantages of Power & Control Box

- Light& Thin integrated power & control box.

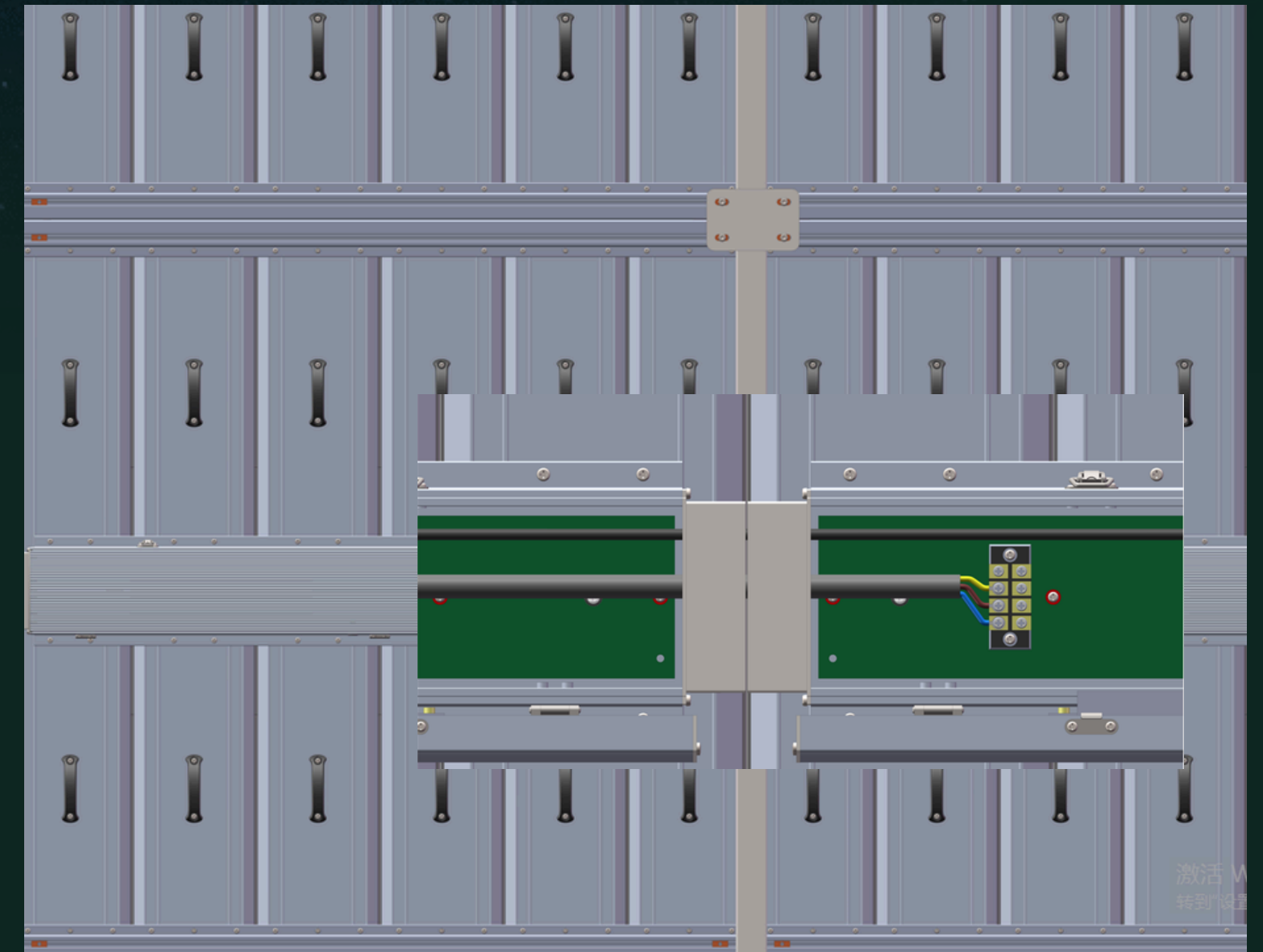
Light metal alloy integrated power box, light, easy to maintainance.

Integrated junction box, with neat threading and high water resistance

Intergrated with fanless power supply and control system

Easy to dissipate heat, no need for air conditioner,

has strong weather resistance



- Easily maintenance

It can be front and rear maintenance, reduce construction difficulty and facilitate maintenance

Th Independent detachable power control box makes operation easier



Advantages of LED Cabinet



960*960 Front Maintain LED Cabinet



640*640 Front Maintain LED Cabinet

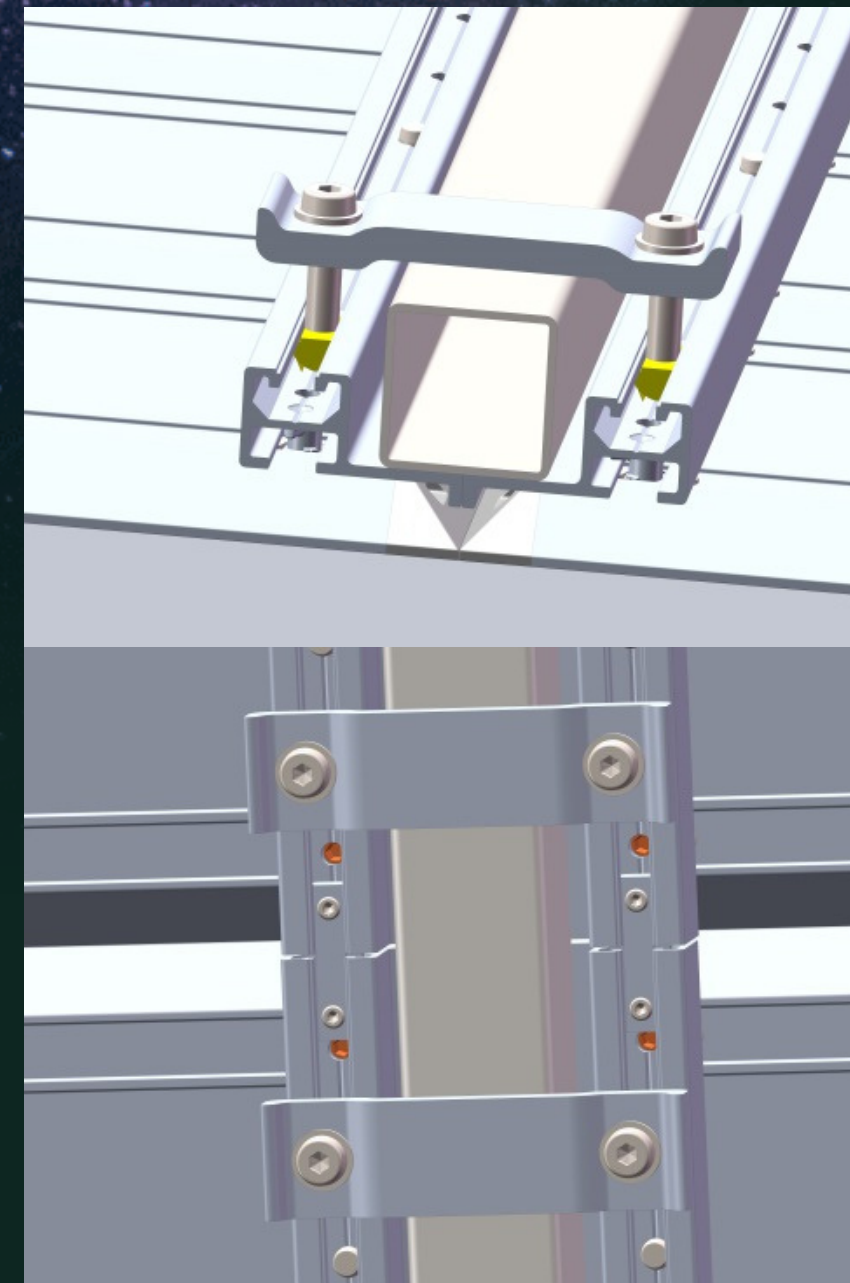
Splicing advantage

- Automatic positioning

The backside steel frame is designed with a guide plate (for up and down). Its more convenient for positioning of screw holes. So that the splicing is more convenient and more efficient

- High fault tolerance

When the cabinet is fixed on the steel frame on the backside, an adjustable range of 7mm up and down is reserved to improve the fault tolerance rate and facilitate splicing.



Advantages in Installation

- structure frame

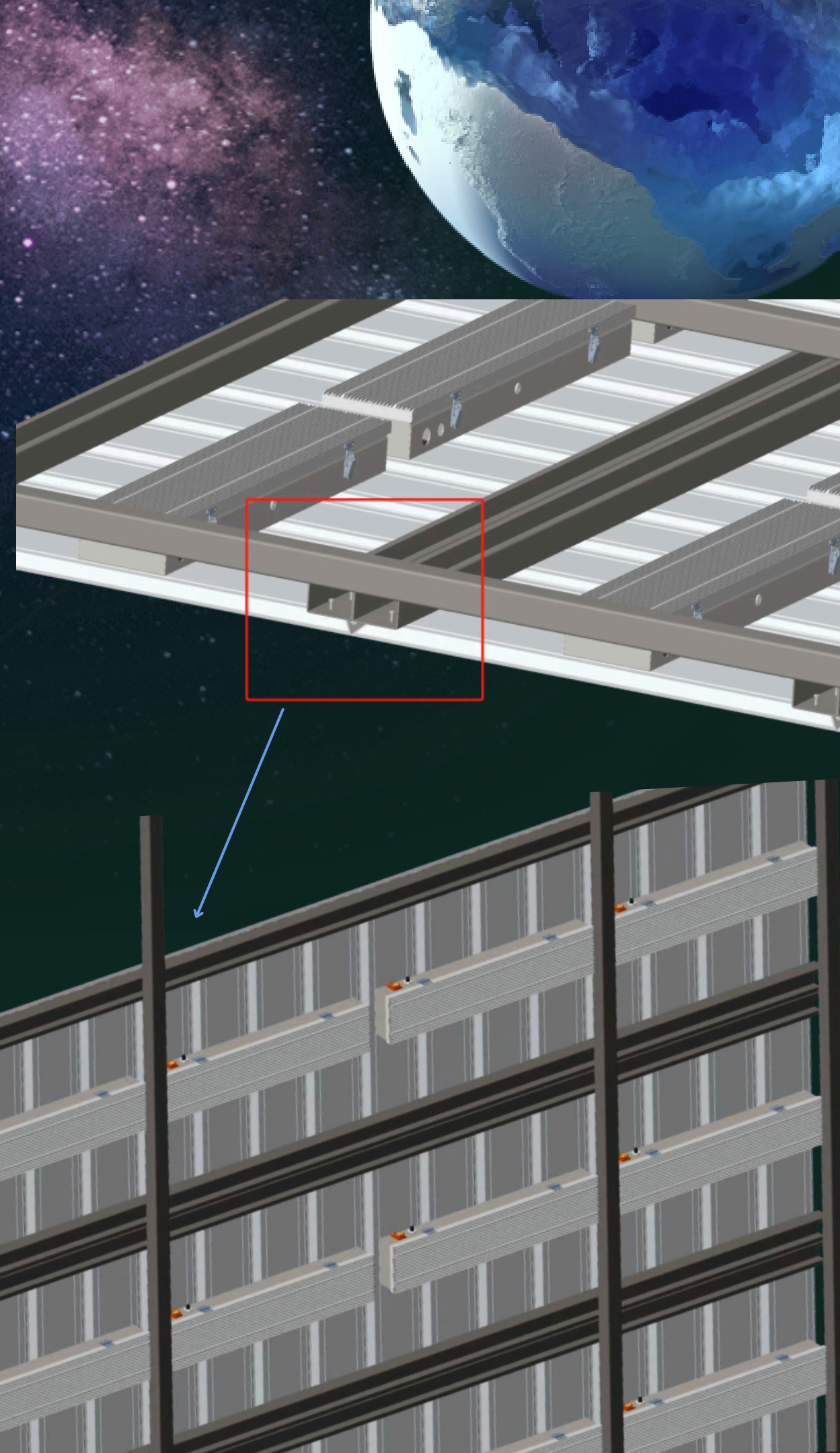
We can provide the structure frame according to the site situation.

- Efficient frame

The frame no need to welding and the corner connection is fixed on the back structure

- Easy installation

The wing screw of the display panel can be installed manually on the site.



- Light

960*960 size single display ,the weight controlled at 27 ± 2 KG, More than 50% lighter than traditional cabinet, easy to install, maintain and transport.

- Thin

960 * 960 size single display ,the max thickness is 89mm,more than 40% thinner than the traditional cabinet.Beautiful structure, good flatness, space-saving, make the building facade simple and beautiful

- Integrated interface

The display panel and power control box both adopt Wego's original integrated interface, with neat cable layout and high protection, which makes the operation more stable in harsh environments.

960*960 cabinet



- High brightness

Active cooling characteristics, compared with the traditional display, colour temperature in the range of 8000 ± 500 , display brightness increased by more than 10%.

- Good visual effect

Adopt high refresh chip ic, clear picture, high contrast, no fear of mobile phone or shooting equipment shooting, with better picture consistency and reproduction.



Applications

It can be widely used in commercial , ship , field, LED poster , arena , commercial advertising , traffic, etc

