

# RC Rental Series

High-End Indoor & Outdoor  
Rental LED Displays

Designed for Rental Applications  
Exclusive Technology Patent Innovation

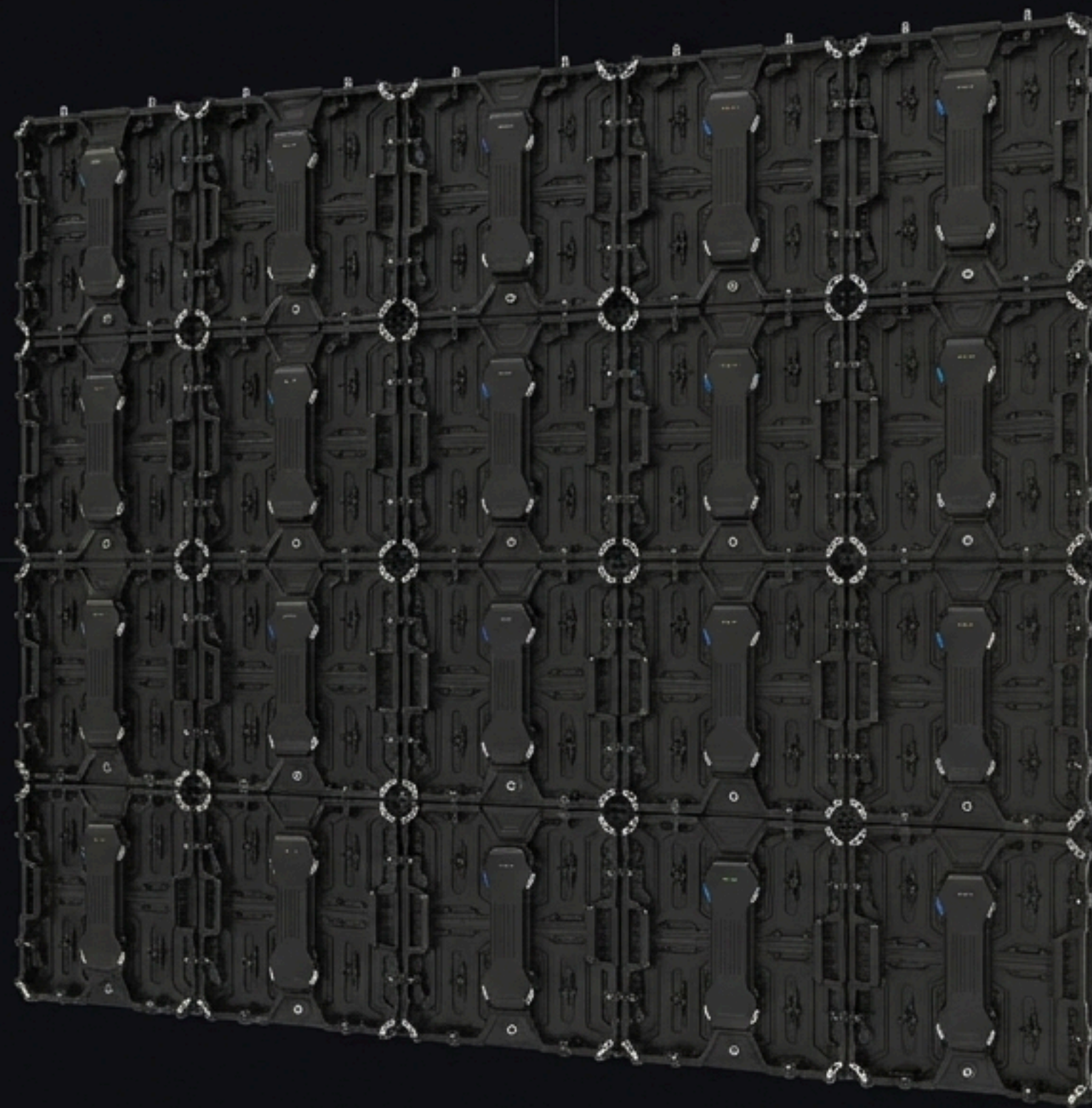


1、PRODUCT  
ANTI-COLLISION

2、QUICK  
INSTALLATION

3、CREATIVE  
SPLICING

4、VERSERTILE  
APPLICATION

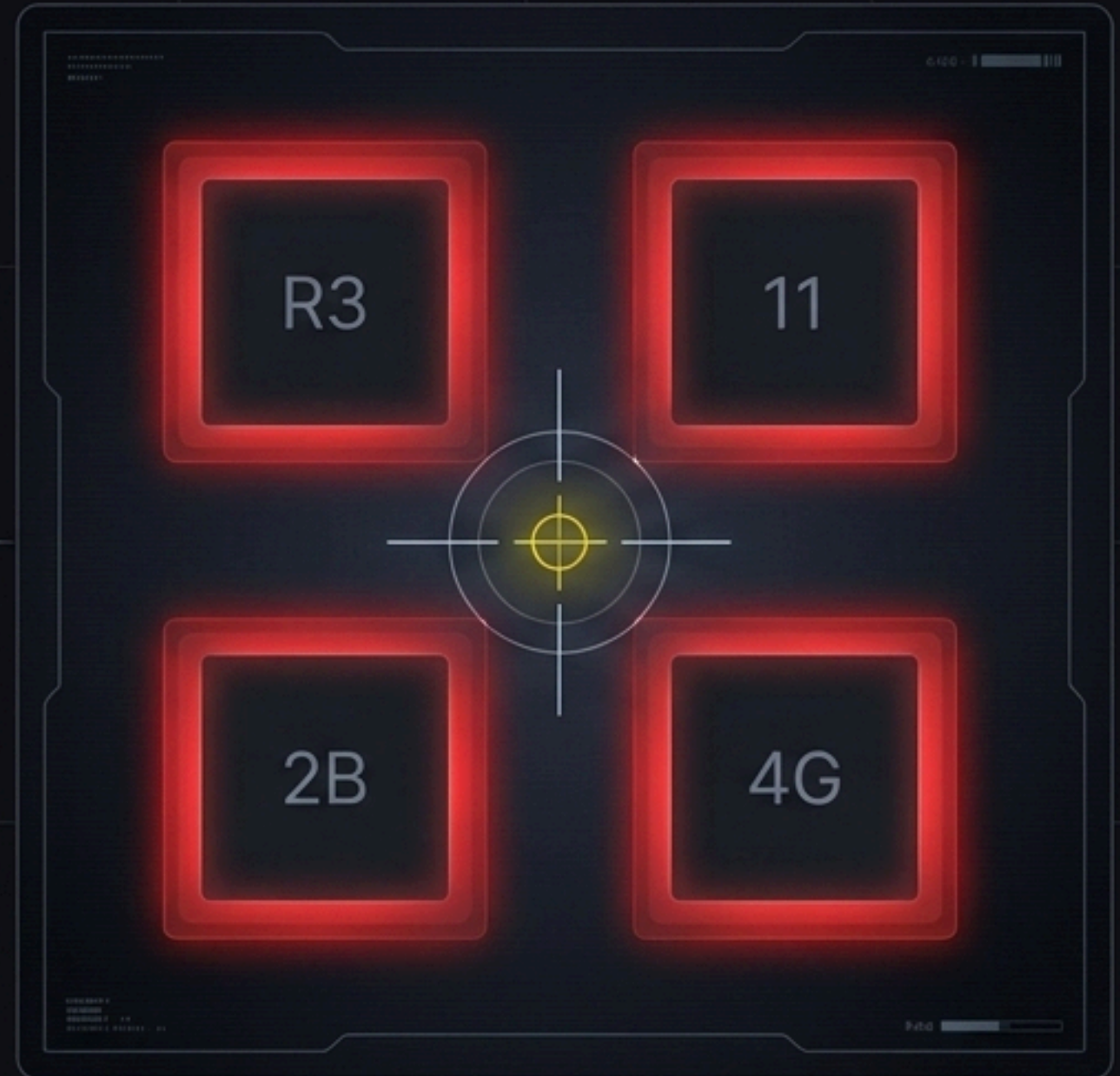


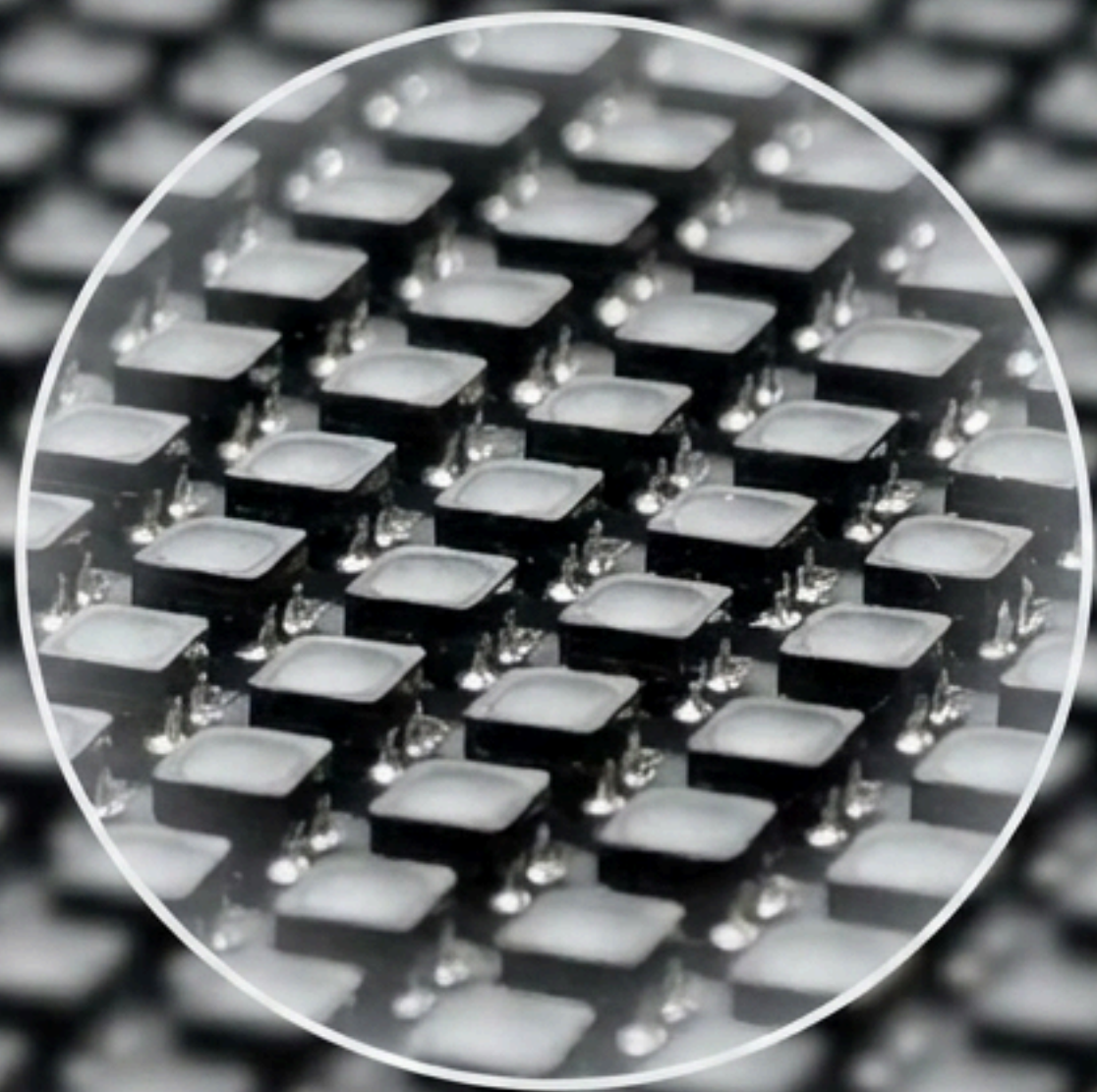
# Product Protection

## PCB Copper Reinforcement

Using multi-layer PCB design, each lamp foot has 15% more copper, and each copper point is reinforced to ensure that the PCB lamp base bonding pad is stronger.

Note: Shadowed areas represent the standard design, while red areas indicate the upgraded version.





# Product Protection

## Thickened Soldering for

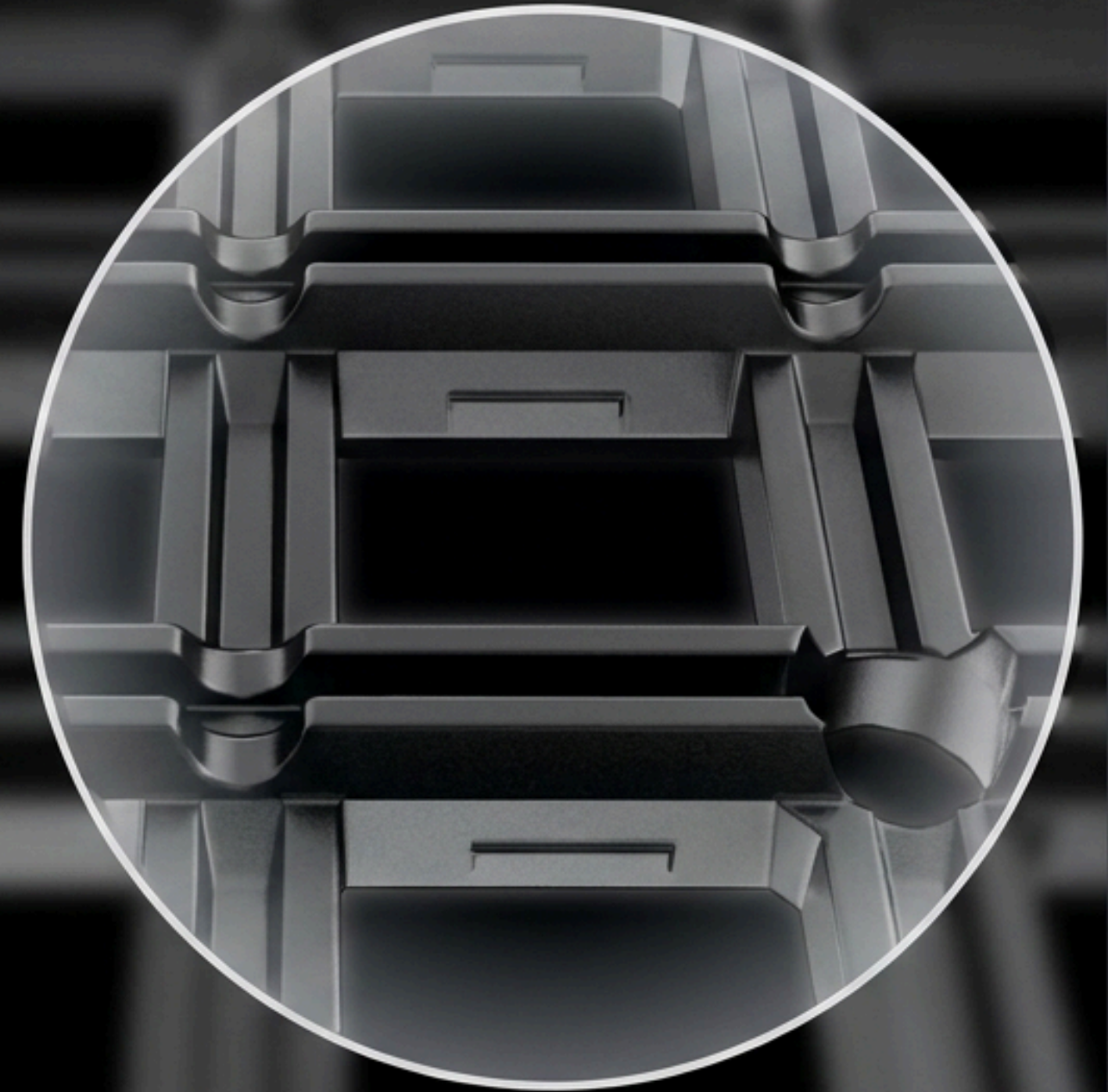
Through optimized PCB design, the LED bonding pad is enlarged.

By improving production processes, the solder paste usage per LED is increased by 40% compared to traditional methods.

# Product Protection

## Modules with Shaders

Shader design is incorporated to prevent scratches on the LED surface during on-site usage and transportation.



# Product Protection

## Aluminium Corner Protection

Effectively prevents scratches to the module during transportation.

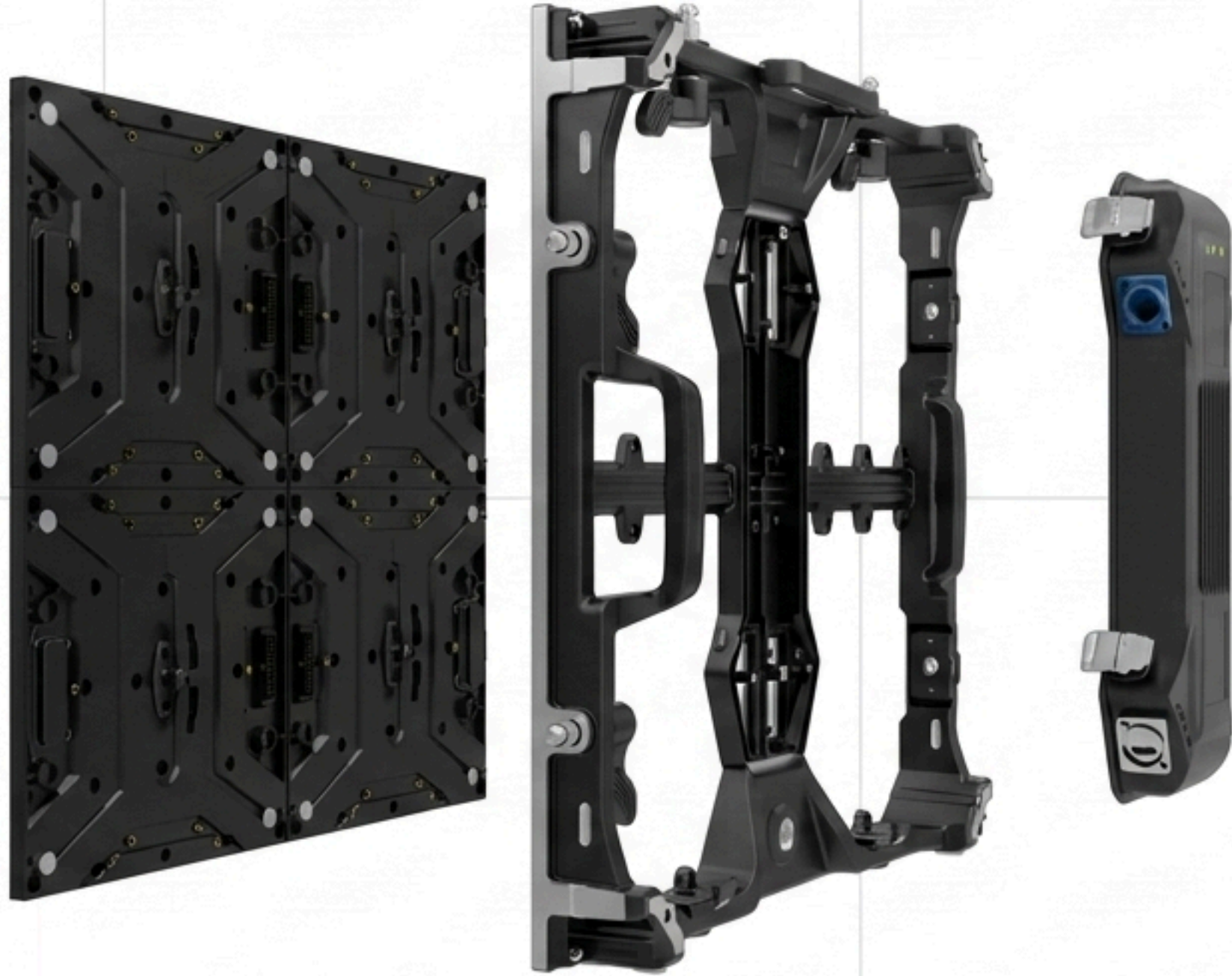


# Product Protection

**Indoor  
Protection  
Rating: IP30**

**Outdoor  
Protection  
Rating: Front  
IP65/ Rear  
IP54**





## Ease of Maintenance Modular Design

Cabinet, module and power box are designed with independent modular structure. Each module can be independently disassembled and assembled, ensuring easy and efficient maintenance.

Front service allows maintenance personnel to work conveniently and efficiently with improved accessibility.

# Creative Splicing

## Curved Splicing

Equipped with curved lock, the cabinets can achieve angles of  $-5^\circ$ ,  $-2.5^\circ$ ,  $0^\circ$ ,  $+2.5^\circ$ ,  $+5^\circ$ ,  $+7.5^\circ$ , and  $+10^\circ$ , adapting to...

## Mixed Splicing

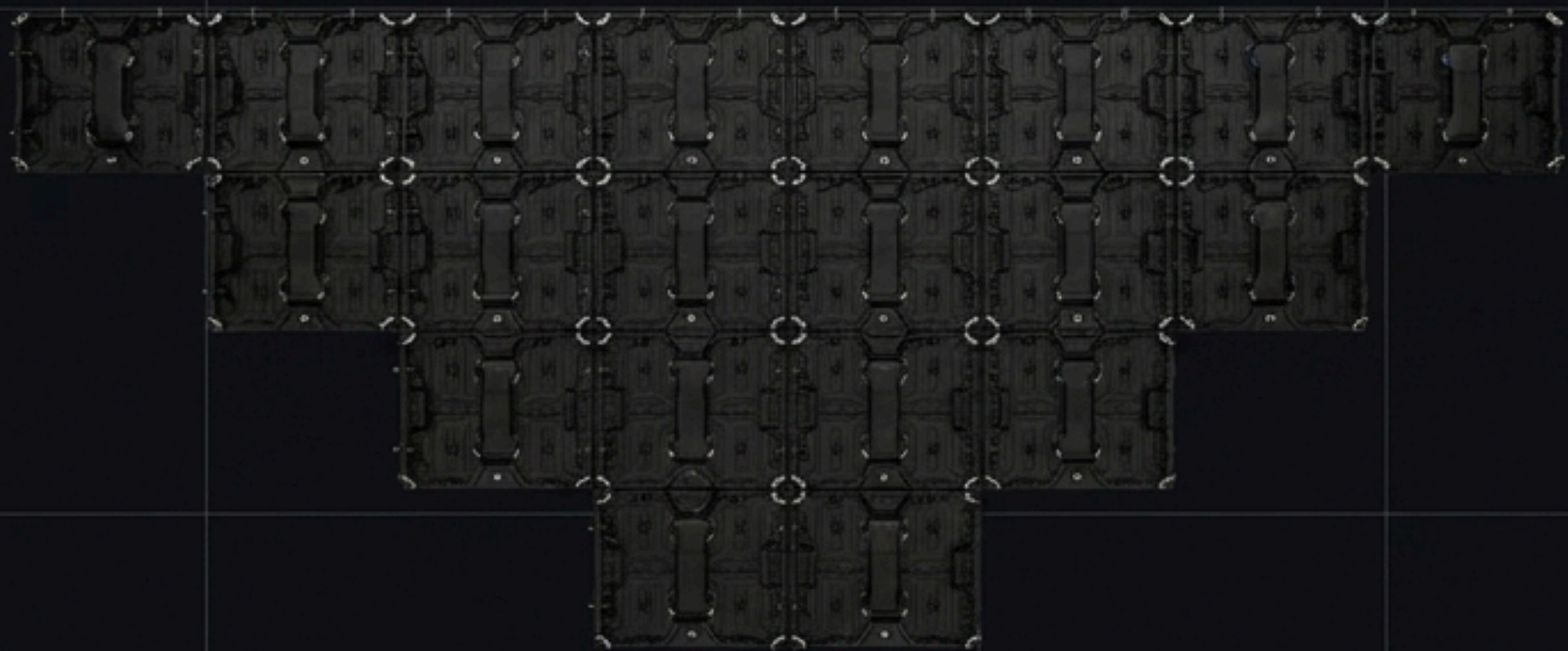
Cabinets of 500x500mm and 500x1000mm can be seamlessly combined for flexible configurations.

## Flat and curve splicing

Flat locks and curved locks are compatible, allowing smooth transitions between flat and curved screens.



# Creative Splicing



## Polygon splicing

Cabinets can be arranged in various polygonal shapes, providing limitless design possibilities.

## 90° Right-Angle Splicing

45° cabinets enable the creation of right-angle screens or pillar-style displays.

# Creative Splicing



## Custom Shape Splicing

The 500x500mm cabinet supports integration with curved, 45° beveled, and flexible curved cabinets, meeting diverse scene requirements.



## Installation Method

Hanging  
Stacking



# Versatile Application

RC Rental Series are widely used in both indoor and outdoor settings, including concerts, automotive shows, gala evenings, press conferences, exhibitions, and more. They bring each scene to life, delivering exceptional visual impact and versatility.



# Indoor Cabinets 500X500mm

## Product parameter

备注：因配置不同，参数会有变化，以出货实测为准！

### Module specification

1 Product model	RC1.9	RC2.6	RC3.9
2 Pixel pitch(mm)	1.95	2.6	3.91
3 模组尺寸(mm)	250x250x14.6 (for all)		
4 模组分辨率(pixels)	128x128	96x96	64x64
5 像素组成	3-1RGB (for all)		
6 LED类型	SMD1515 SMD2020 (for all)		
7 工作电压(DC)	4.5V (for all)		
8 扫描方式	1/32	1/16	

### Screen specification

1 像素密度(Pixels/ m2)	262144	147456	65536
2 最大功率/平均功率(W/ m2)	490/170	530/180	500/170
3 信号接口 (兼容)	DVI/HDMI		
4 控制距离	超五类网线: < 100m; 单模光纤: < 10km		

### Cabinet specification

1 尺寸(mm)	500x500x81.6 (for all)
2 箱体分辨率(pixels)	256x256 192x192 128x128
3 主体结构材质	压铸铝
4 重量(kg)	7.5
5 最大白平衡亮度(NIT)	650 700
6 灰度等级(BIT)	13-14
7 对比度	3000: 1
8 刷新频率(Hz)	3840
9 视角 (水平/垂直)	140°/120°
10 防护等级 (正面/背面)	IP30/IP30
11 输入交流电压	100-240V 50/60Hz
12 工作温度	-10°C~ 40°C
13 工作湿度	10%RH~ 60%RH (无凝露)
14 推荐视距(m)	≥6 ≥8 ≥12
15 安装方式	堆装+吊装
16 维护方式	前后维护

# Outdoor Cabinets 500X500mm

## Product parameter

备注：因配置不同，参数会有变化，以出货实测为准！

### Module specification

1 Product model	RPW3.9
2 Pixel pitch(mm)	3.91
3 Module size((mm)	250x250x15.8
4 Module resolution(pixels)	64x64
5 Pixel Configuration	3-1RGB
6 LED type	SMD1921
7 Operating voltage(DC)	4.5V
8 Scan	1/16

### Screen specification

1 Pixel density(Pixels/ m2)	65536
2 Max power/average power((W/ m2)	740/245
3 Signal interface (compatible)	DVI/HDMI
4 Control distance	Cat 5 cables: < 100m; Single-mode fiber: < 10km

### Cabinet specification

1 Cabinet size(mm)	500x500x73.5
2 Cabinet resolution(pixels)	128x128
3 Main structural material	ADC12
4 Weight(kg)	8
5 Maximum white brightness balance(NIT)	5000
6 Grayscale(BIT)	13-14
7 Contrast	3500: 1
8 Refresh Rate(Hz)	7680
9 Viewing Angle (horizontal/vertical)	140°/120°
10 IP Rating(Front/Rear)	IP65/IP54
11 Input AC voltage	100-240V 50/60Hz
12 Operating temperature	-20°C~ 50°C
13 Working humidity	10%RH~90%RH (non-condensing)
14 Best Viewing Distance((m)	≥12
15 Installation mode	Hanging+Stacking
16 Maintenance mode	Rear service



[www.imagoland.com](http://www.imagoland.com)

*imag*agō LAND

[cs@imagoland.us](mailto:cs@imagoland.us) / Tel. +1 786 291 2684

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