

RP SERIES

PREMIUM RENTAL LED DISPLAY



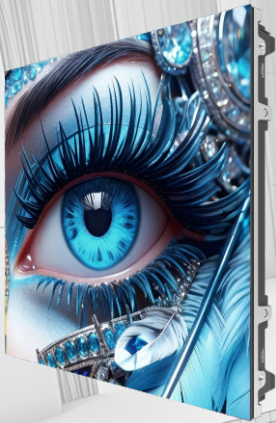
IP65
HIGH PROTECTION



7680 Hz
REFRESH RATE



Camera-Friendly



MAKE EVERY STAGE LEGENDARY
PREMIUM VISION
BUILT FOR PERFORMANCE



RP SERIES

Product Features

Excellent display, immersive experience, clear true colors, wide field of view.

01

Heat, water and dust resistant, all-weather stable performance

Ultimate high protection, steady performance amid extreme weather.



Heat Resistant



Waterproof



Dustproof



Micro-mask design, camera-friendly!

Micro-mask design reduces glare and suppresses moiré patterns, ensuring interference-free shooting and clearer visuals.



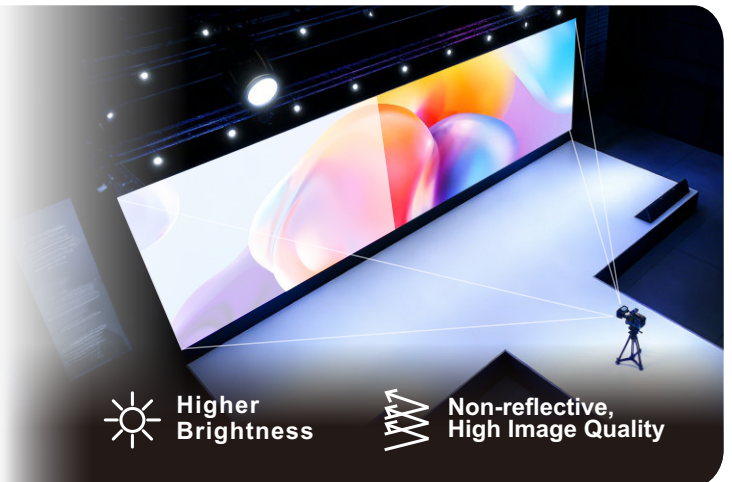
Camera-Ready



Flicker-Free



Moiré-Free

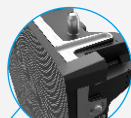
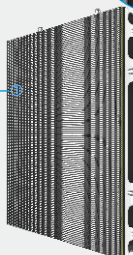


High waterproof rating

2. Four-corner soft rubber protection



1. Micro-brim design



3. Module corner protection



4. Base pads

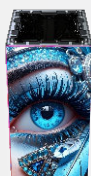


Flexible splicing for greater freedom

The cabinet is equipped with a curved lock, enabling assembly at an angle ranging from -5° to $+10^{\circ}$, which allows adaptation to more installation environments.



Curved Splicing



Right-angle Splicing



Compatible Splicing
with RAS Series



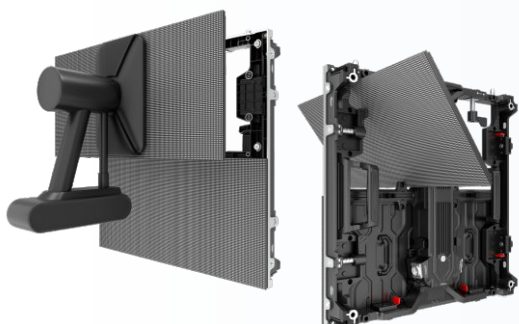
Product Advantages

Modules are easy to maintain and can be assembled more freely.

02

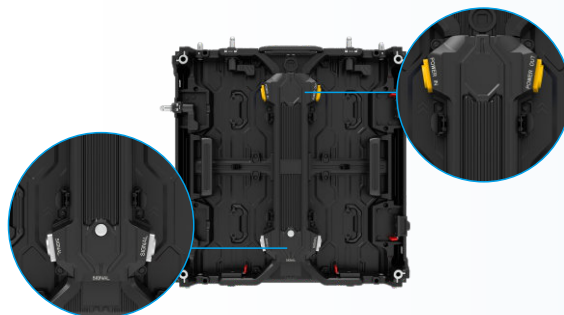
Front and rear maintenance

More convenient maintenance, saving time and effort



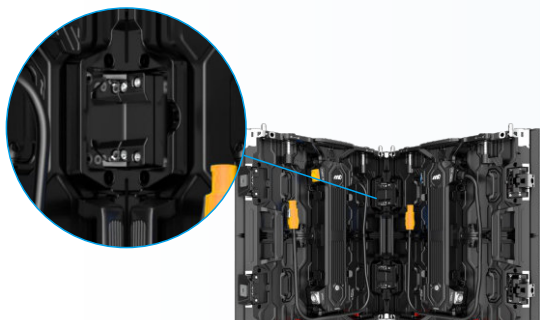
Dual-signal interfaces

Dual-signal input is available as an option, ensuring uninterrupted transmission



Quick-lock design

Greatly shorten the installation time and improve installation efficiency



Modular design

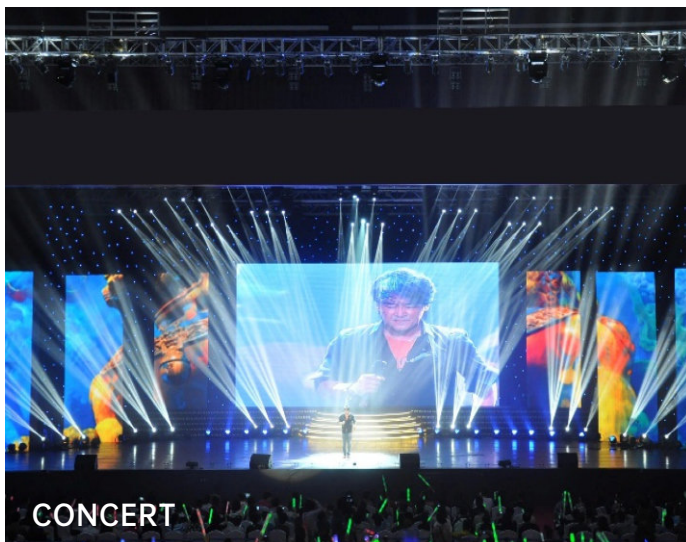
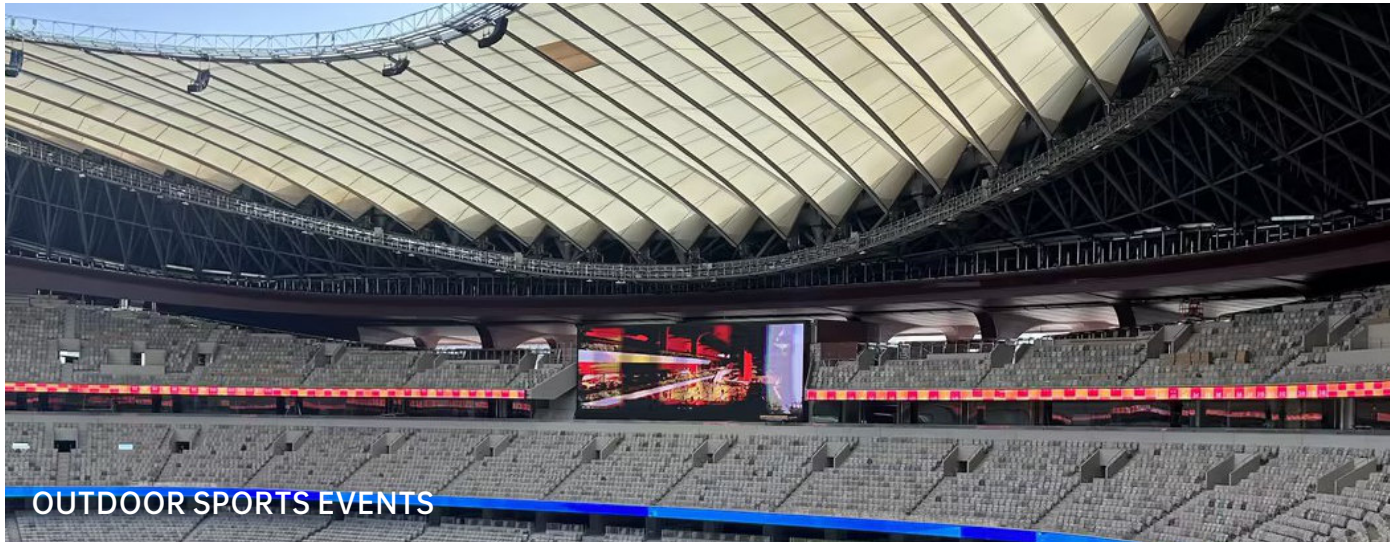
Adopt an independent modular design, supporting separate assembly and disassembly.



Product Specification

03

Product Model	RPW2.9 / 2.9-P		RPW3.9 / 3.9-P			
Pixel Pitch (mm)	2.97		3. 91			
Pixel Density(pixel/m²)	112896		65536			
LED type	SMD1415 white LED	SMD1415 black LED	SMD1921 white LED	SMD1921 black LED	SMD1921 black LED	SMD2020 Full Flip-Chip
Lamp Surface Technology	Full dispensing		Full dispensing			
Module Dimensions (mm)	500x250x15.9		500x250x15.9			
Module Resolution (pixels)	168x84		128x64			
Cabinet Size (mm)	500x500x73.5 / 500x1000x73.5		500x500x73.5 / 500x1000x73.5			
Cabinet Resolution	168x168 / 168x336		128x128 / 128x256			
Brightness(nit)	4000	2500	5000	3000-3500	3000-4000	8000
Max /Average Power (W/m²)	750/250	850/290	800/265	800/265	800/265	650/220
Grey Scale	16	16	16	16	16	16
Contrast Ratio	≥4000:1	≥5000:1	≥3500:1	≥4000:1	≥5000:1	≥10000:1
Refresh Rate(Hz)	≥7680	≥7680	≥7680	≥7680	≥7680	≥7680
View Angle(H/V)	160°/120°	160°/120°	160°/120°	160°/120°	160°/120°	160°/120°
Cabinets Driven by Power Supply(220v)(PCS)	14	14	14	14	14	14
Cabinets Driven by Network Cable (Standard 60Hz, No HDR)(PCS)	23	23	39	39	39	39
Weight(kg)	7.3 / 12		7.5 / 12.5			
Main Structure Material	Die-Cast Aluminum					
Protection Level(F/B)	IP65/IP54					
Input AC Voltage(AC)	AC100 -240V 50/60Hz					
Operating Temperature	-20℃ ~ 50℃					
Operating Humidity	10% RH ~ 90% RH (Non-condensing)					
Installation Methods	Stacking + Hoisting					
Maintenance Methods	Front and rear maintenance					
Certification	CEC/3C/Energy Saving/CE/ETL/CB/BS476 Class 2 Fire Resistance					





20 years
Professional LED
Display Manufacturer



200,000 m²
annual production capacity



400+
Patents Owned



10,000+
International & Domestic
Projects



100+
Sales Reps Globally

