RA Series

Ultra-light Indoor LED Display

Next-generation ultra-light indoor LED panels, delivering seamless visuals with precision and style.

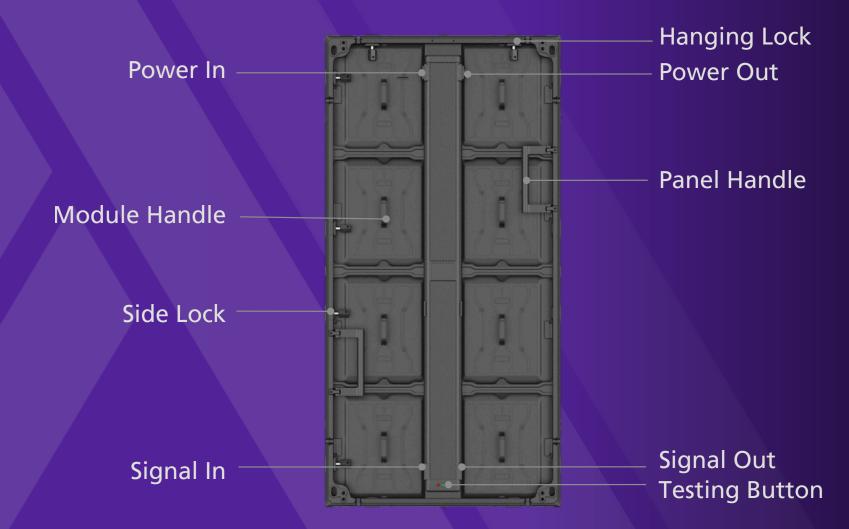








Structure





Dimension

RA Series

Panel Size: 500x500x40mm

Panel Weight: 4.6kg±10%

RA PLUS Series

Panel Size: 500x1000x40mm

Panel Weight: 8.6kg±10%



1000mm

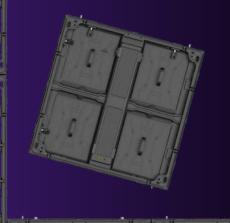






Seamless Creative Splicing

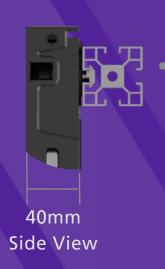
Supports horizontal and vertical cabinet combinations, offering flexible display ratios and efficient space utilisation for optimal visual coverage.







Wall Mount Installation



Achieve a sleek, integrated look with ultra-thin wall mounting, just 40mm from surface to screen. The modular cabinet system simplifies alignment and delivers a perfectly flush finish every time.







Hanging Installation

The custom-designed backplate conceals all cabling for a clean, professional finish. Available in a range of materials, colours, and patterns to match venue aesthetics and reinforce brand identity.

Supports installations up to 10 metres high.







Ceiling Installation







Profile Display

Hanging rails support attachment on all sides, enabling flexible panel orientation and secure installation.





Profile Display cont.

Internal corner profiles create seamless interior-stacked installations, with stable ground stacking up to 5 metres high





Profile Display cont.

External corner profile for exterior-stacked installations, supporting a maximum ground stacking height of 5 metres.





Beveled Panel Option

Beveled panels enable seamless vertical joins and cubic column formations, achieving striking 3D displays with precision alignment and creative flexibility.









Full Front Maintenence

Engineered for efficiency, the full front-access design enables rapid replacement of modules and components, supporting quick, single-person maintenance with minimal downtime.









Heat Dissipation

The die-cast aluminium panel design enables rapid heat dissipation, reducing internal temperatures and extending component lifespan for long-term, stable performance.

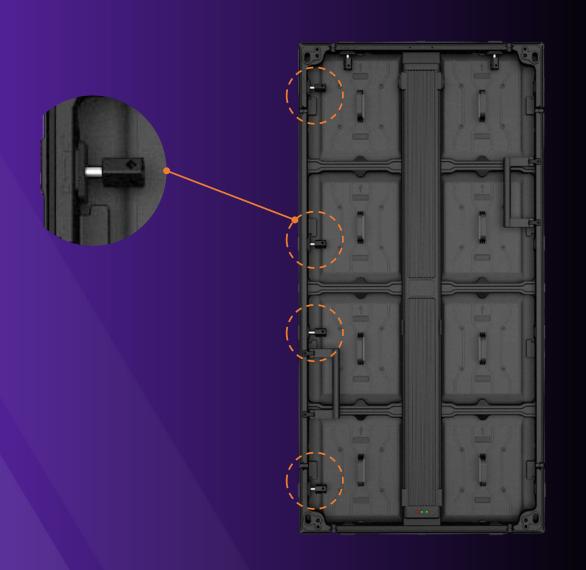






Installation

RA Plus uses four precision side locks to reinforce cabinet stability, ensuring perfect screen flatness and seamless visual alignment.







High-definition Image

Delivers high-definition clarity with rich colour gradation, precise detail, and smooth image reproduction for exceptional visual quality.

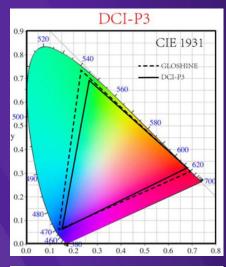


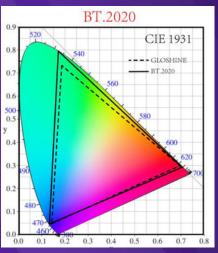




Broadcast-level Colour Gamut

Advanced point-by-point calibration covers over 95% of the NTSC colour gamut, ensuring precise colour uniformity and flawless consistency across multiple spliced screens.







Other colour technologies



Wide colour gamut technology





Extraordinary Visual Effect

A wide 140° viewing angle delivers a complete, shadow-free image with consistent brightness and colour from every perspective.





Product Specifications

Model No.	RA 1.5 (Indoor)	RA + RA Plus 1.9 (Indoor)	RA + RA Plus 2.6 (Outdoor)	RA + RA Plus 2.9 (Outdoor)	
Pixel Pitch	1.5mm	1.9mm	2.6mm	2.9mm	
LED Type	SMD1212	SMD1515	SMD1515	SMD2020	
GOB / HOB	Optional				
Pixel Density	404496 pixel/m²	254016 pixel/m²	147456 pixel/m²	112896 pixel/m²	
Brightness	500~700 nits	500~700 nits	500~700 nits	500~700 nits	
Colour Temperature	6500~9500K				
Scan Rate	1/53	1/42	1/32	1/28	
Panel Dimension W/H/D	RA: 500x500x40mm RA Plus: 500x1000x40mm				
Panel Resolution	318 x 318 pixel	RA: 252x252 Plus: 252x504 pixel	RA: 192x192 Plus: 192x384 pixel	RA: 168x168 Plus: 168x336 Pixel	
Panel Weight	RA: 4.6kg ±10% RA Plus: 8.6kg ±10%				
Cabinet Material	Die-casting Aluminum Cabinet				
Max Power Consumption	$\leq 580 \text{w/m}^2$				
Average Power Consumption	≤ 290 w/m 2				
Viewing Angle	H:140° V:140°				
Refresh Rate	1920Hz/3840Hz				
Grayscale	13~15 bit				
Working Voltage	AC100-240V~50/60Hz				
IP Rating	IP30				
Curve	Beveled Cabinet: -7.5° / -5° / 0° / 5° / 7.5°				
Lifetime	50,000h				
Operating Temperature/Humidity	-20°C~+45°C 10%-60%RH				
Storage Temperature/Humidity	-40°C~+60°C 10%~60%RH				





AE Series | Indoor Version | Chip-on-Board

Model No.	AE 0.9	AE 1.1	AE 1.2	AE 1.5	
Pixel Pitch	0.9375mm	1.17mm	1.25mm	1.5625mm	
	0.937511111			1.5625mm	
LED Type	Chip-on-Board Technology				
Pixel Density	1137777 pixel/m²	730512 pixel/m²	640000 pixel/m ²	409600 pixel/m ²	
Brightness	550~650 nits				
Colour Temperature	3000~10000K				
Scan Rate	1/40	1/64	1/60	1/54	
Panel Dimension W/H/D	600 x 337.5 x 39.5mm				
Panel Resolution	640 x 360 pixel	512 x 288 pixel	480 x 270 pixel	384 x 216 pixel	
Panel Weight	4.7kg ±10%				
Cabinet Material	Die-casting Cabinet				
Max Power Consumption	$\leq 300 \text{w/m}^2$				
Average Power Consumption	≦ 165w/m²				
Viewing Angle	H:160° V:140°				
Refresh Rate	1920Hz/3840Hz				
Grayscale	13~16 bit				
Working Voltage	AC100-240V~50/60H				
IP Rating	IP30				
Curve	Optional				
Lifetime	50,000h				
Operating Temperature/Humidity	-10°C~+40°C 10%-60%RH				
Storage Temperature/Humidity	-40°C~+60°C 10%~60%RH				





Talk to Us About Your Next Installation

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