

DESAY



reddot design award 2024

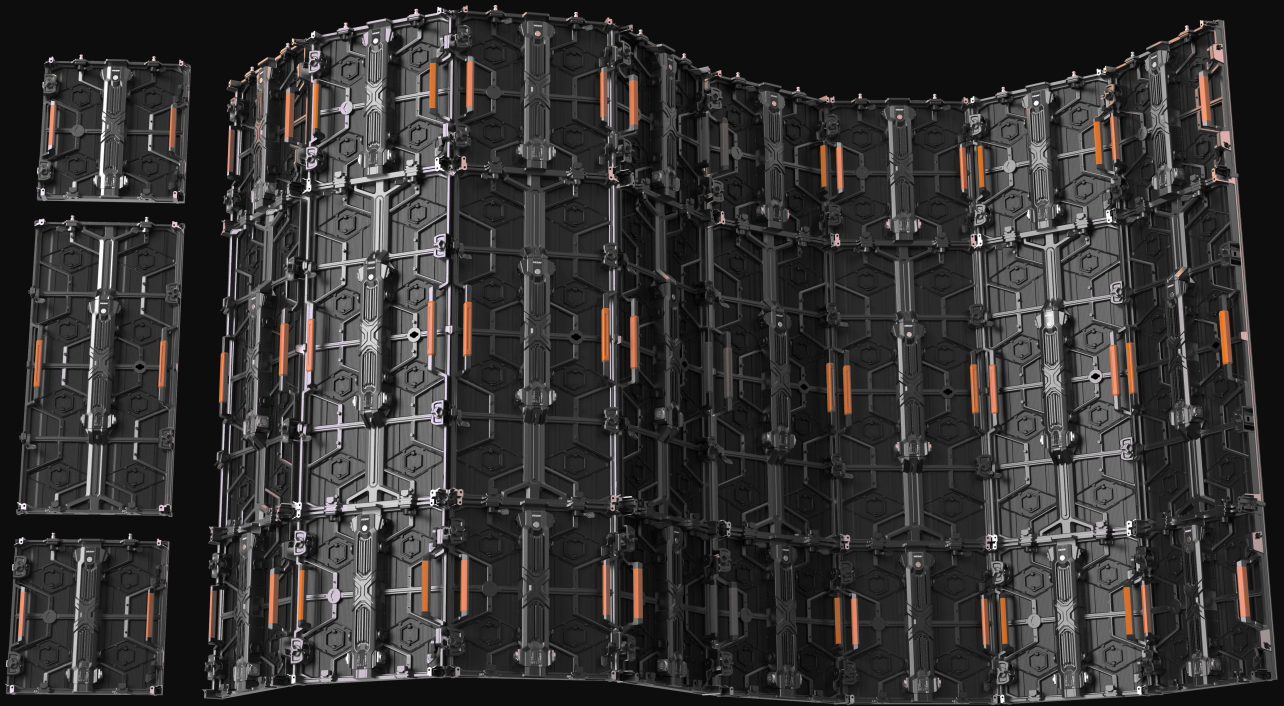


- Available pixel: 1.25mm/1.5mm/1.9mm/2.6mm/2.9mm/3.9mm
- Ultra slim 68mm in depth
- Optional cabinet size: 500mm*500mm, 500mm*1000mm
- Fully front & rear maintenance
- Universal hanging & stacking bar
- Super light: 7kg/cabinet(500mm*500mm), 11kg/cabinet(500mm*1000mm)
- Universal power box & modules for both big & small cabinet
- High-precision rental cabinet with special lock and small modules: 250mm*250mm
- Professional lock with curved connector: 0°, +3°, +6°
- Professional corner protection
- Double safety design, fuse in modules & power design
- Vertical power box, improving product consistency
- Compatible with control system: Novastar & Brompton
- Optional solution: mask, GOB, PCB ink injection & nano coating
- CE, EMC, FCC & ETL approved

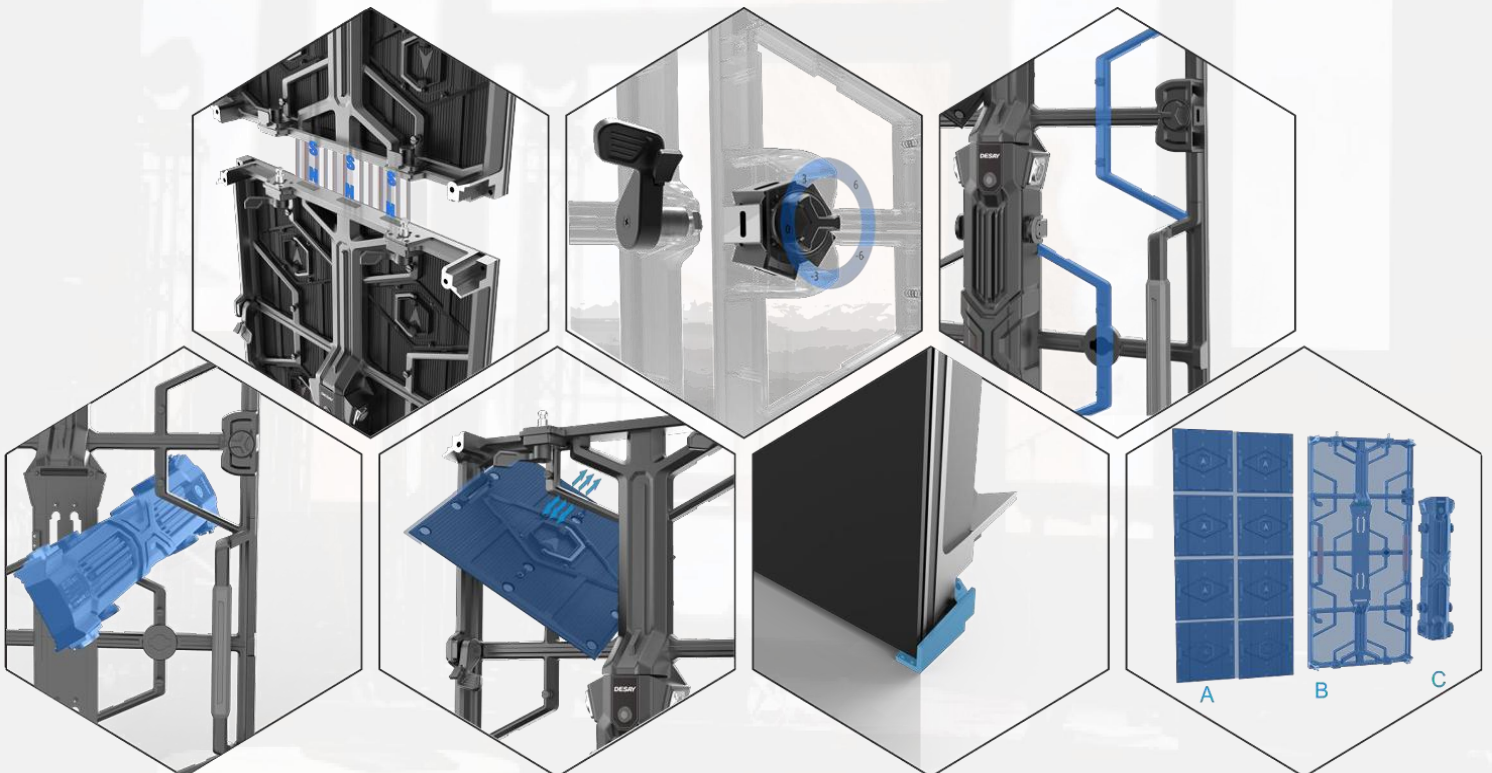
RS Series

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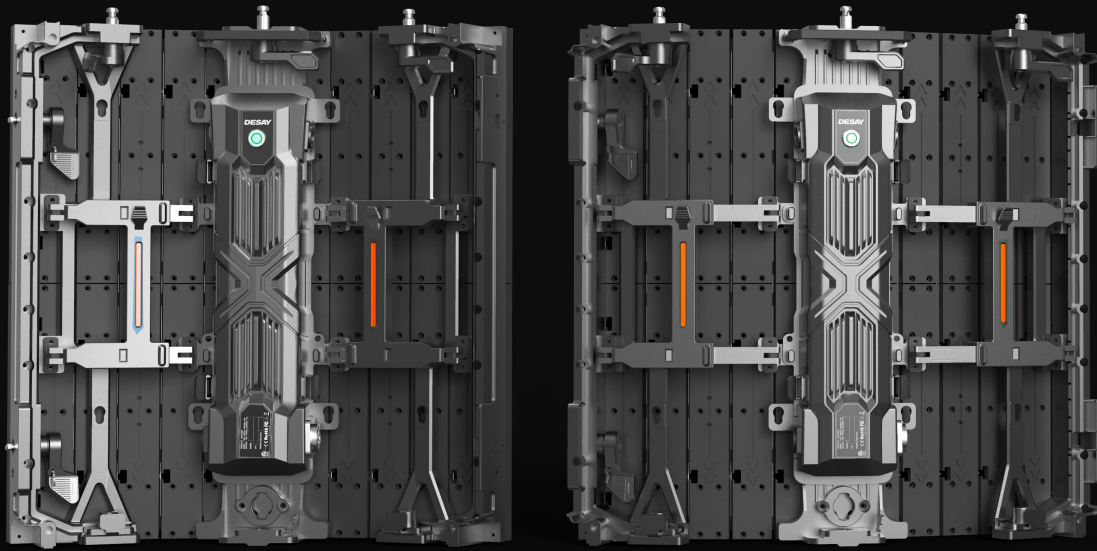
RS



- Front and rear maintenance modules
- Corner protection
- Navigation magnet
- Integrated power box
- $0^{\circ}, \pm 3^{\circ}, \pm 6^{\circ}$ curve lock



RS-C



- Available Pixel: 1.5mm, 1.9mm, 2.6mm, 2.9mm, 3.9mm
- Precision Arc Lock: Adjust curvature instantly by moving dual-side handles
- $\pm 45^\circ$ Arc per Panel: 8 panels form a full cylinder (concave/convex)
- Extended Creativity: Combine with RS series for perfect arcs, cylinders, waves, tunnels
- Dual-Mode Hardware: Compatible with both hanging and stacking
- Lightweight Design: 7.4kg per panel for easy one-person installation



Specifications

RS

Parameter	Unit	RS1.2	RS1.5	RS1.9	RS2.6	RS2.9	RS3.9
Pixel pitch	mm	1.25	1.563	1.953	2.604	2.976	3.906
Brightness	nits	800	600	800	1000	1000	1000
Pixel configuration	R/G/B	SMD 3 in 1					
Colour temperature	deg.K	6500					
Viewing angle-Horizontal (50% brightness)	deg.	140 (+70/-70)					
Viewing angle-Vertical (50% brightness)	deg.	140 (+70/-70)					
Recommended minimum viewing distance	m	1.2	1.5	2	2.6	3	4
Panel width	mm	500					
Panel heigh	mm	500			500/1000		
Panel depth	mm	68					
Panel area	m²	0.25			0.25/0.5		
Panel material		Die-casting Aluminum					
Panel weight	Kg	7			7/11		
Ingress protection (front/back)	IP	30/30					
Pixel matrix per panel		400*400	320*320	256*256	192*192/192*384	168*168/168*336	128*128/128*256
Brightness control		255					
Gray scale	bit	14~16					
Frame rate	Hertz	50/60					
Display refresh rate	Hertz	3840/7680					
Input voltage	VAC	100~240					
Input power frequency	Hertz	50~60					
Input power (Max.)	W/m²	380±10%	550±10%	550±10%	500±10%	500±10%	480±10%
Input power (Avg.)	W/m²	133±10%	192±10%	192±10%	175±10%	175±10%	167±10%
Operating temperature range	deg.C	- 10 ~ + 40					
Lifetime (50% brightness)	Hours	100,000					

RS-C

Parameter	Unit	RS1.5-C	RS1.9-C	RS2.6-C	RS2.9-C	RS3.9-C
Pixel pitch	mm	1.563	1.953	2.604	2.976	3.906
Brightness	nits	600	800	1000	1000	1000
Pixel configuration	R/G/B	SMD 3 in 1				
Colour temperature	deg.K	6500				
Viewing angle-Horizontal (50% brightness)	deg.	140 (+70/-70)				
Viewing angle-Vertical (50% brightness)	deg.	140 (+70/-70)				
Concave/Convex	deg.	±45				
Recommended minimum viewing distance	m	1.5	2	2.6	4	4
Panel width	mm	500				
Panel height	mm	500				
Panel depth	mm	68				
Panel area	m ²	0.25				
Panel material		Die-casting Aluminum				
Panel weight	Kg	7.4				
Ingress protection (front/back)	IP	30/30				
Pixel matrix per panel		320*320	256*256	192*192	168*168	128*128
Brightness control		255				
Gray scale	bit	14~16				
Frame rate	Hertz	50/60				
Display refresh rate	Hertz	3840/7680				
Input voltage	VAC	100~240				
Input power frequency	Hertz	50~60				
Input power (Max.)	W/m ²	550±10%	550±10%	500±10%	500±10%	480±10%
Input power (Avg.)	W/m ²	192±10%	192±10%	175±10%	175±10%	168±10%
Operating temperature range	deg.C	-10~+40				
Lifetime (50% brightness)	Hours	100,000				