DESAY
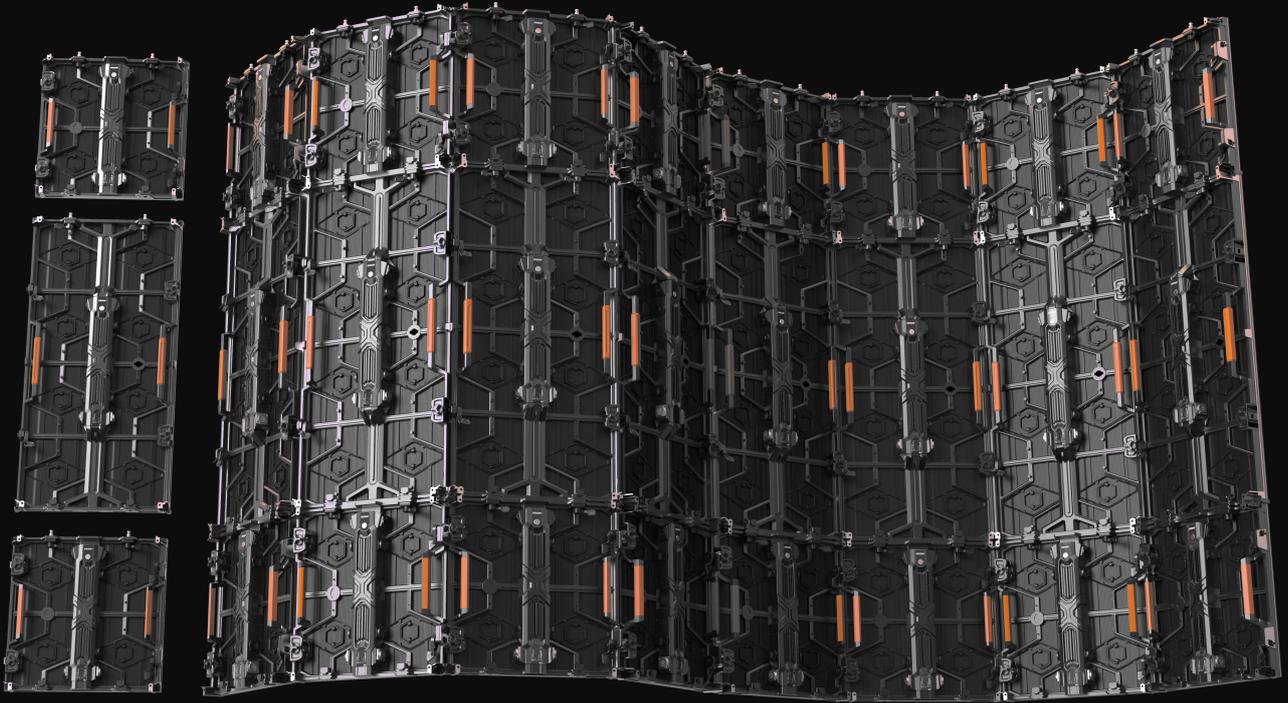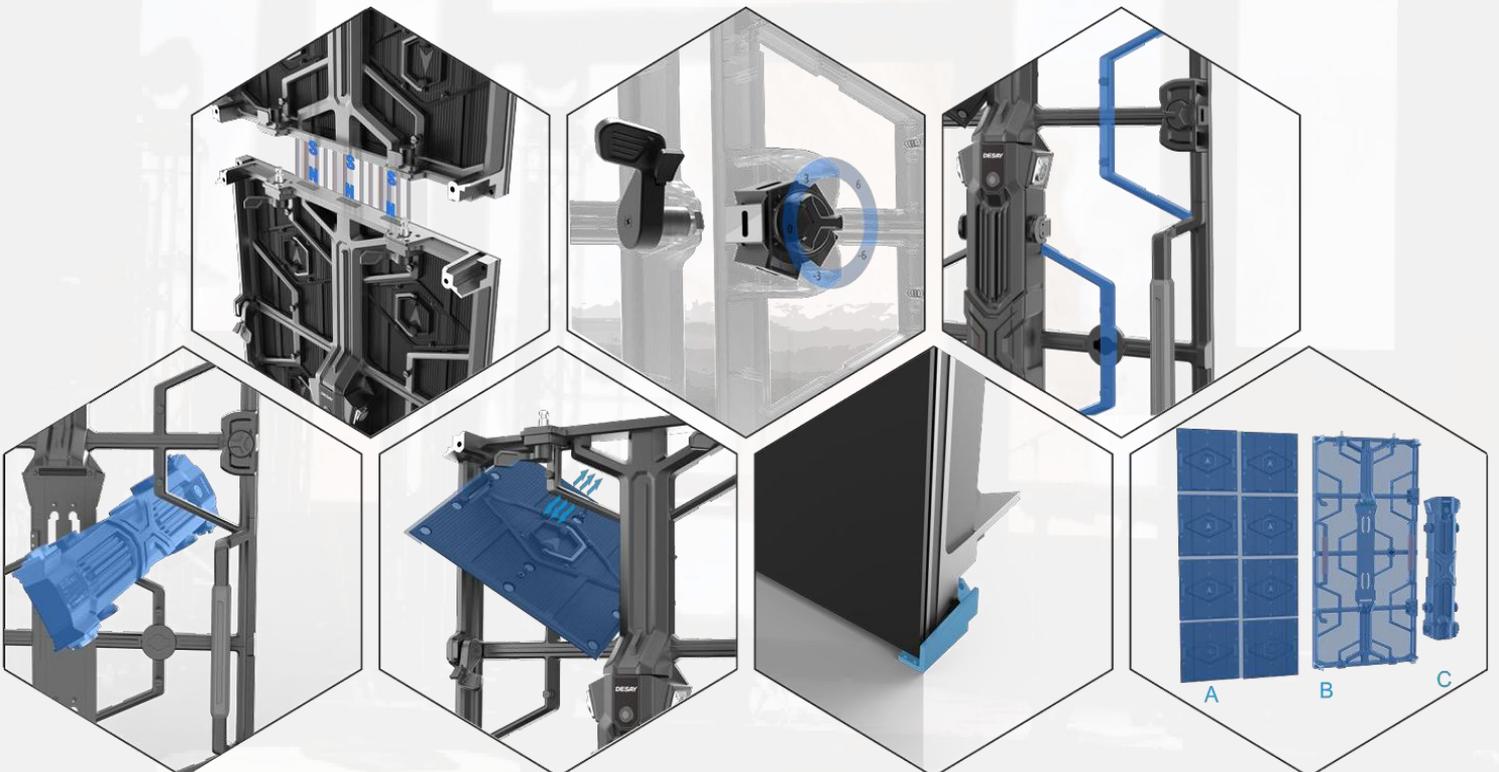
reddot design award 2024

- 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
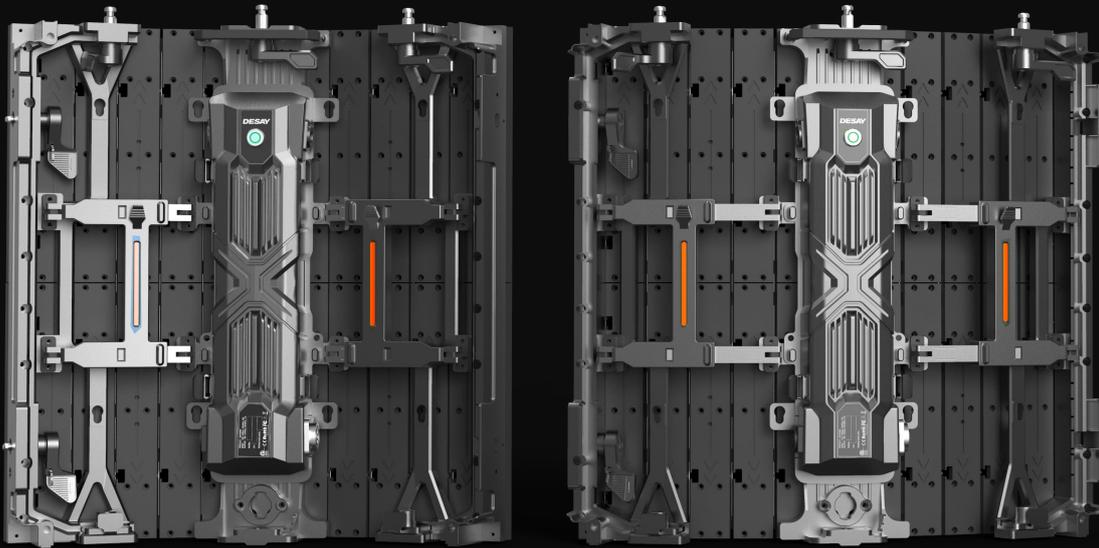- CE,EMC,FCC & ETL approved

RS Series

RS

- Front and rear maintenance modules
- Corner protection
- Navigation magnet
- Integrated power box
- 0°,±3°,±6°curve lock

A   B   C

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
- ±45° 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

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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 heigh	mm	500				
Panel depth	mm	68				
Panel area	m²	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/m²	550±10%	550±10%	500±10%	500±10%	480±10%
Input power (Avg.)	W/m²	192±10%	192±10%	175±10%	175±10%	168±10%
Operating temperature range	deg.C	- 10～+ 40				
Lifetime (50% brightness)	Hours	100,000				