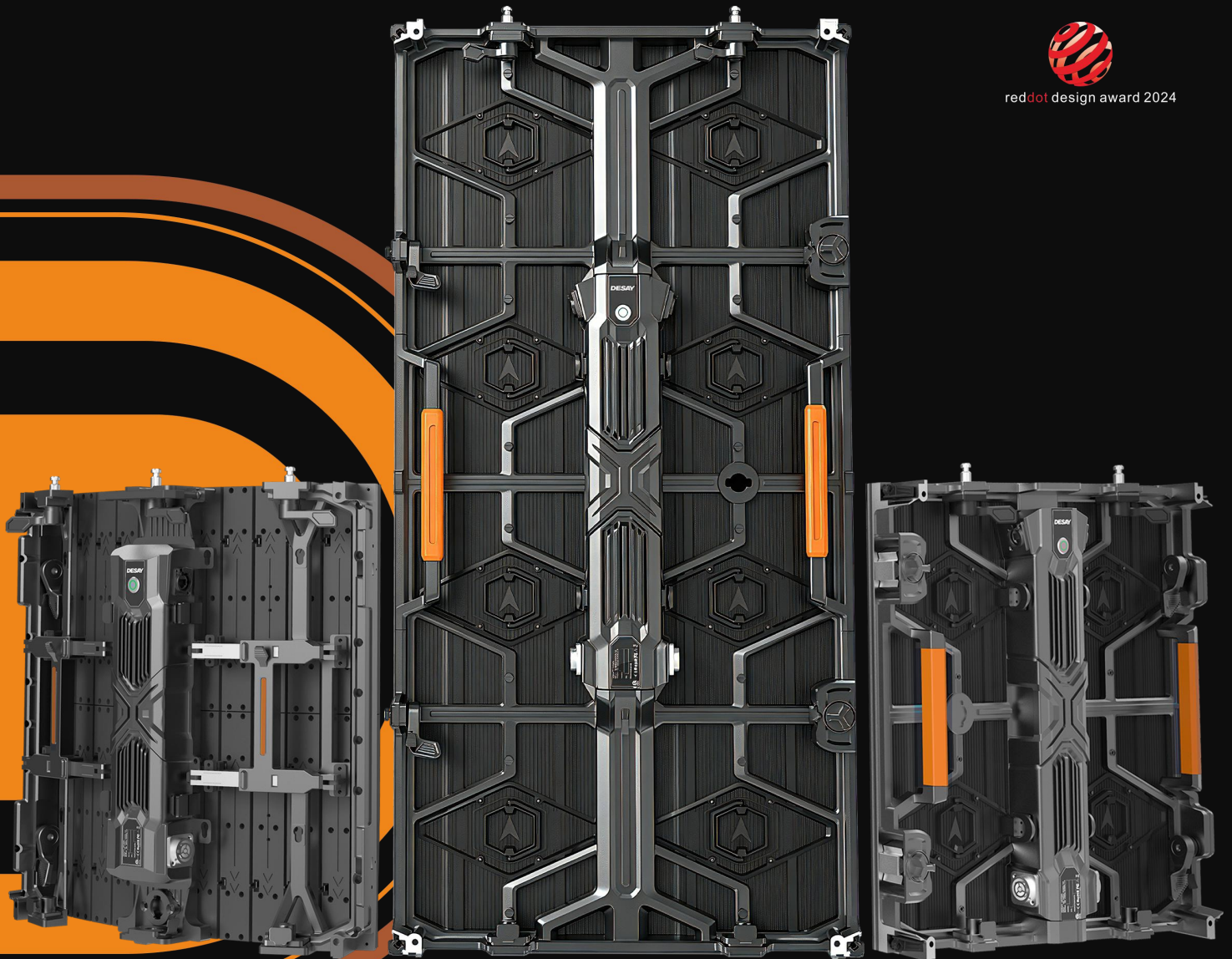


DESAY



reddot design award 2024



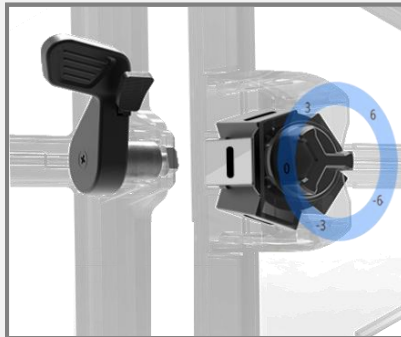
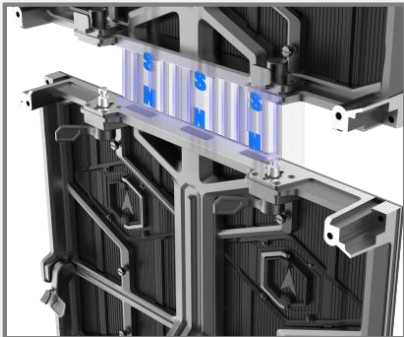
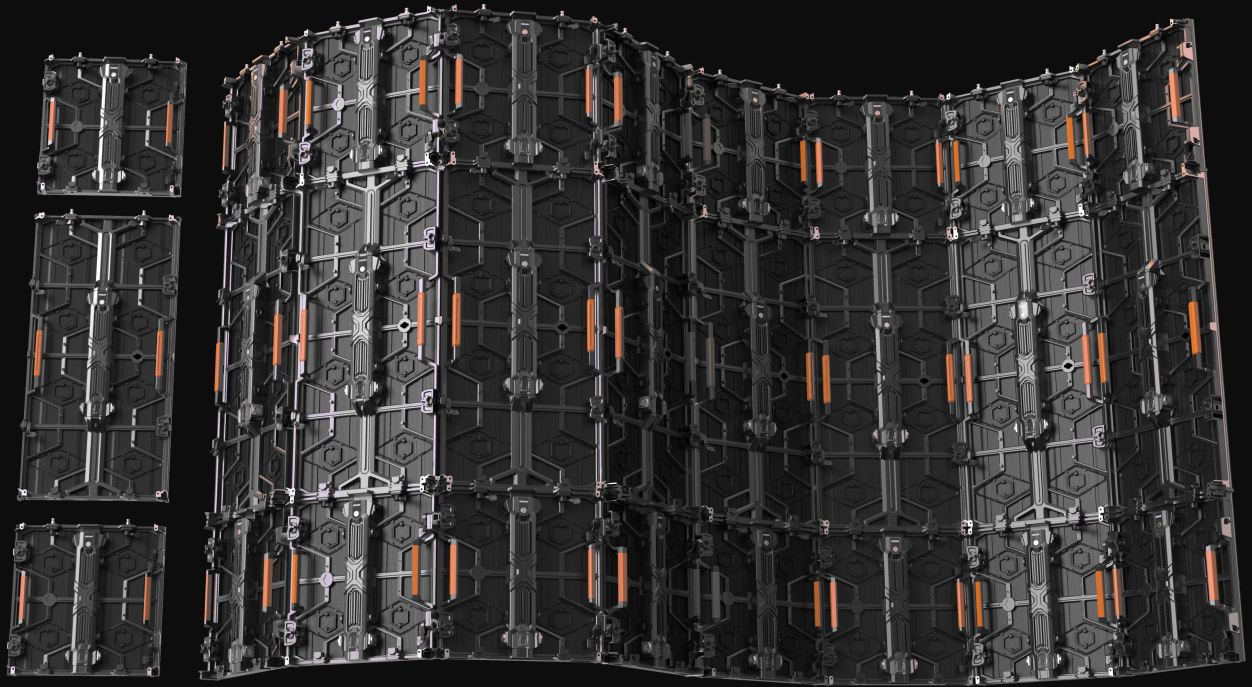
- Ultra-slim design: only 68mm depth
- Cabinet dimensions: 500×500mm / 500×1,000mm
- Full front & rear serviceability
- Universal hanging & stacking structure
- Lightweight: 7kg (500×500mm) / 11kg (500×1,000mm)
- Universal power boxes & modules – compatible across all cabinet sizes
- High-precision quick-locks – compatible with 250×250mm modules
- Curved angle adjustment: 0°, ±3°, ±6°
- Professional corner protection
- Dual safety design: module fuses + isolated power supplies
- Vertical power boxes for seamless splicing
- Compatible with NovaStar, Brompton & other industry-standard control systems
- Optional upgrades: mask, PCB ink injection, GOB, Nano coating

RS Series

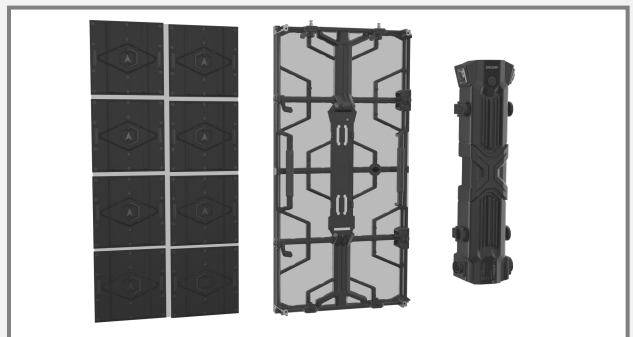
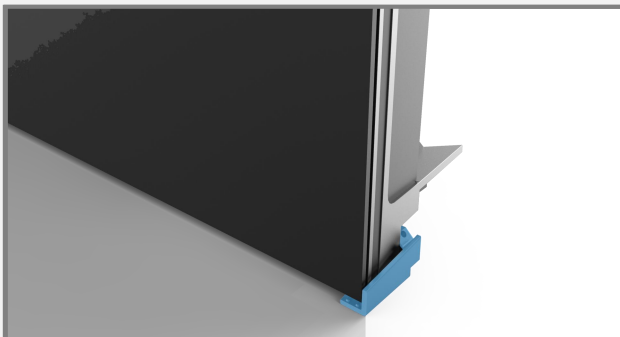
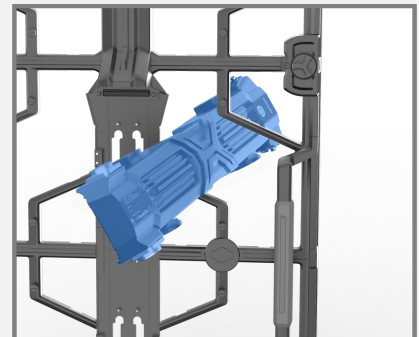
Indoor Rental LED Display

Huizhou Desay Intelligent Technology Co., Ltd.
Tel: +86 752 2617333 E-mail: led@desay.com www.desayopto.com

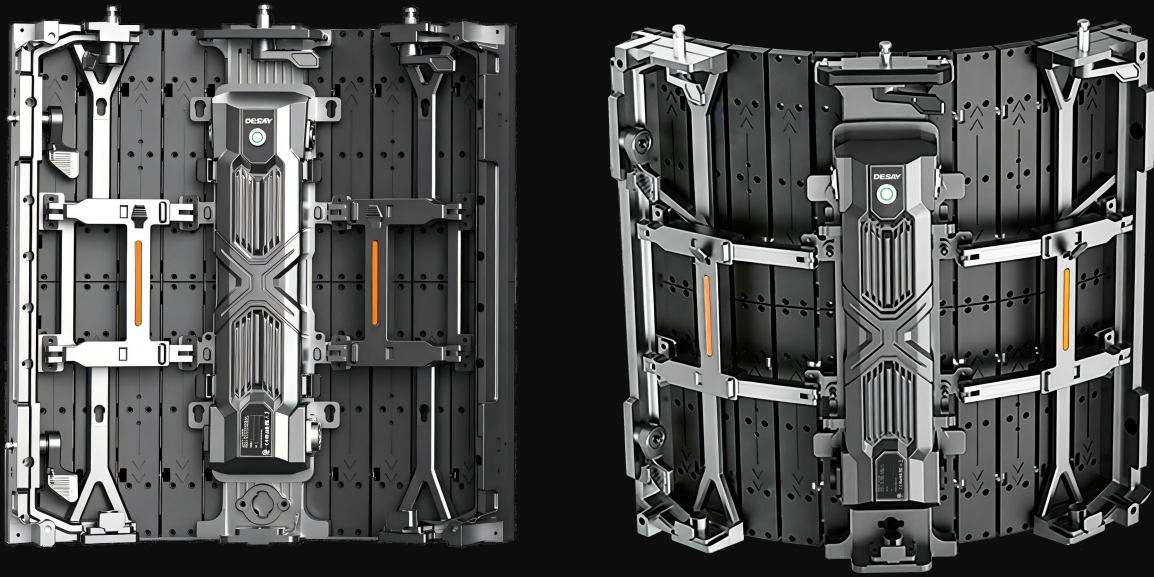
RS Standard Panel



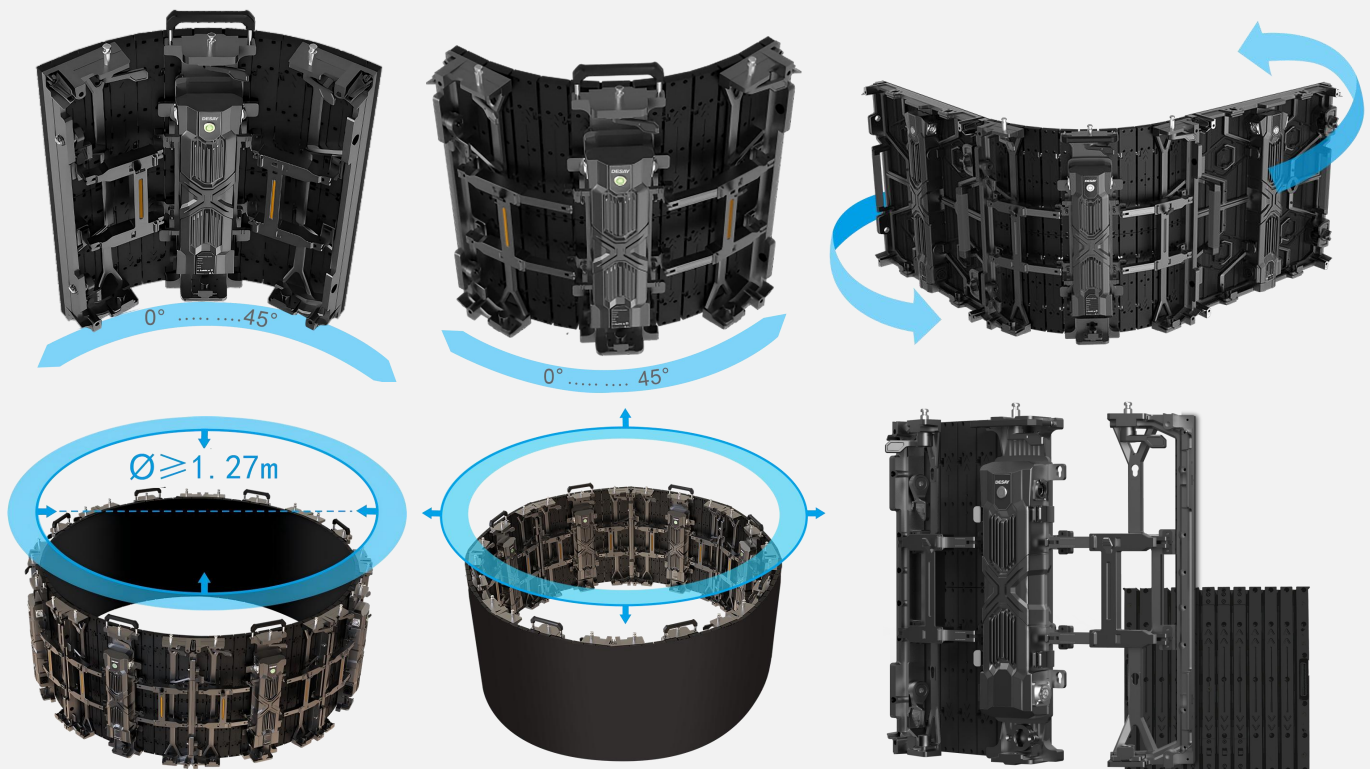
- Full front & rear serviceability modules
- Reinforced corner protection
- Positioning magnets
- Integrated power boxes
- Curved lock angle: 0° , $\pm 3^\circ$, $\pm 6^\circ$



RS-C Flexible Curve Panel



- High-precision arc locks, enabling easy curved angle adjustment via movable handles
- $\pm 45^\circ$ curved panels; 8 panels can form a full cylinder, supporting concave & convex installation
- Expandable creative design, combined with RS standard panels to create various shapes: smooth arcs, cylinders, waves, tunnels, etc.
- Supports hanging & stacking installation structures
- Ultra-lightweight, only 7.4kg/pc, engineered for effortless single-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					
Color temperature	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 height	mm	500			500/1000		
Panel depth	mm	68					
Panel area	m²	0.25			0.25/0.5		
Panel material		Die-cast 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	Hz	50/60					
Display refresh rate	Hz	3840/7680					
Input voltage	VAC	100 ~ 240					
Input power frequency	Hz	50 ~ 60					
Power Consumption (Max.)	W/m²	380±10%	550±10%	550±10%	500±10%	500±10%	480±10%
Power Consumption (Avg.)	W/m²	133±10%	192±10%	192±10%	175±10%	175±10%	167±10%
Operating temperature range	°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				
Color temperature	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-cast 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	Hz	50/60				
Display refresh rate	Hz	3840/7680				
Input voltage	VAC	100 ~ 240				
Input power frequency	Hz	50 ~ 60				
Power Consumption (Max.)	W/m ²	550±10%	550±10%	500±10%	500±10%	480±10%
Power Consumption (Avg.)	W/m ²	192±10%	192±10%	175±10%	175±10%	168±10%
Operating temperature range	°C	-10 ~ +40				
Lifetime (50% brightness)	Hours	100,000				