DESAY

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AWARD
2024

reddot design award 2024

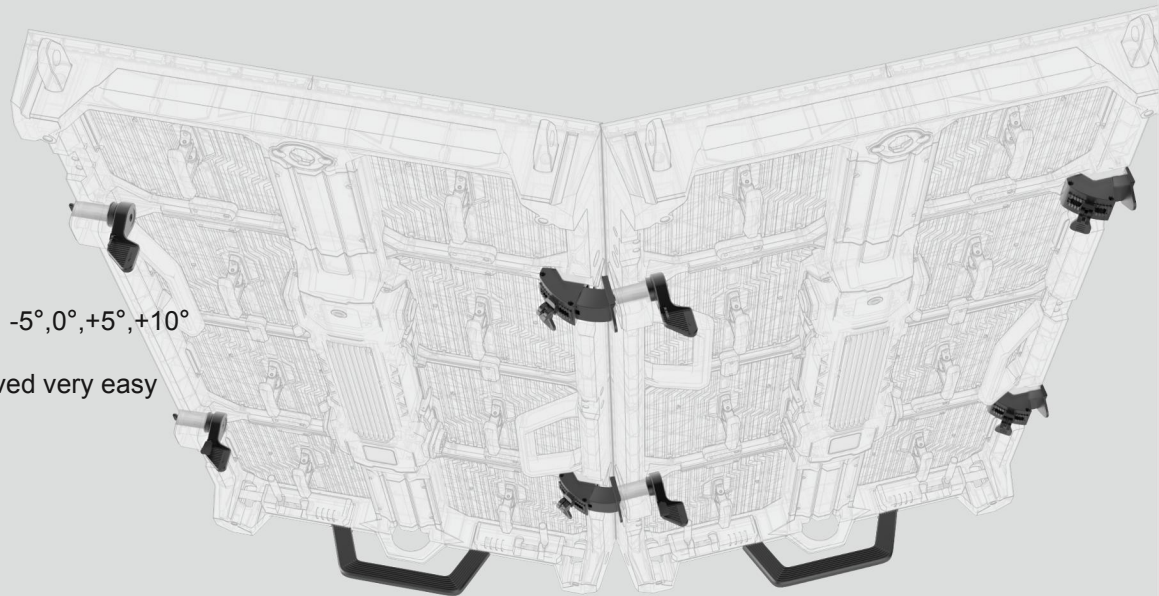# RT Series

. Next generation of outdoor display
. Rental & touring system
. Pitch: 2.6mm-8.3mm
. Up to 7680 refresh rate, 16bits grayscale
. IP65 both for front & rear
. Available for concave & convex curve
. Touring frame and dolly optional

. Full front&rear service
. Modular design, the power box/module supports fast hot plug
. Fuse design on hub board with high safety grade
. 250mm*250mm small module size, low spare parts cost
. The seprated power and data can be easily replaced without tools

Five curved locks optional: -10°, -5°,0°,+5°,+10°

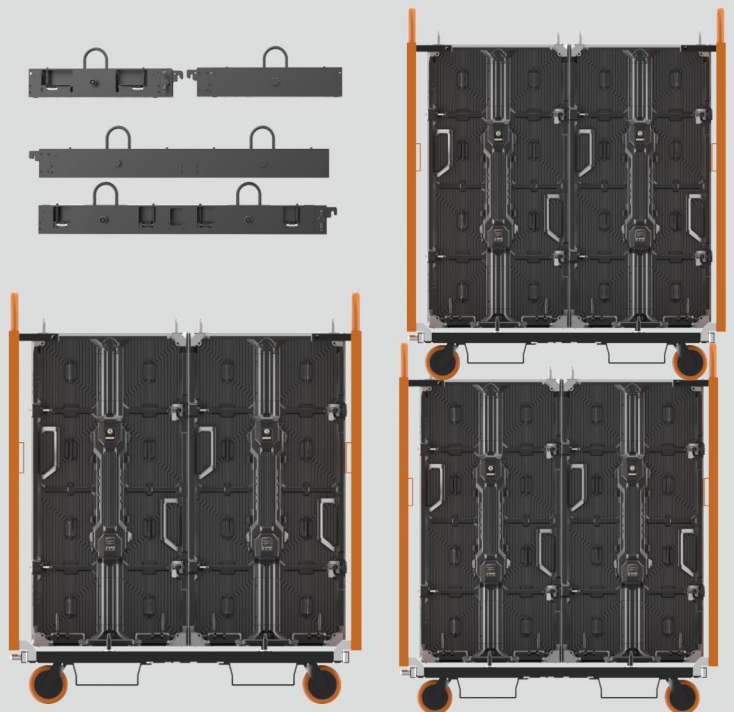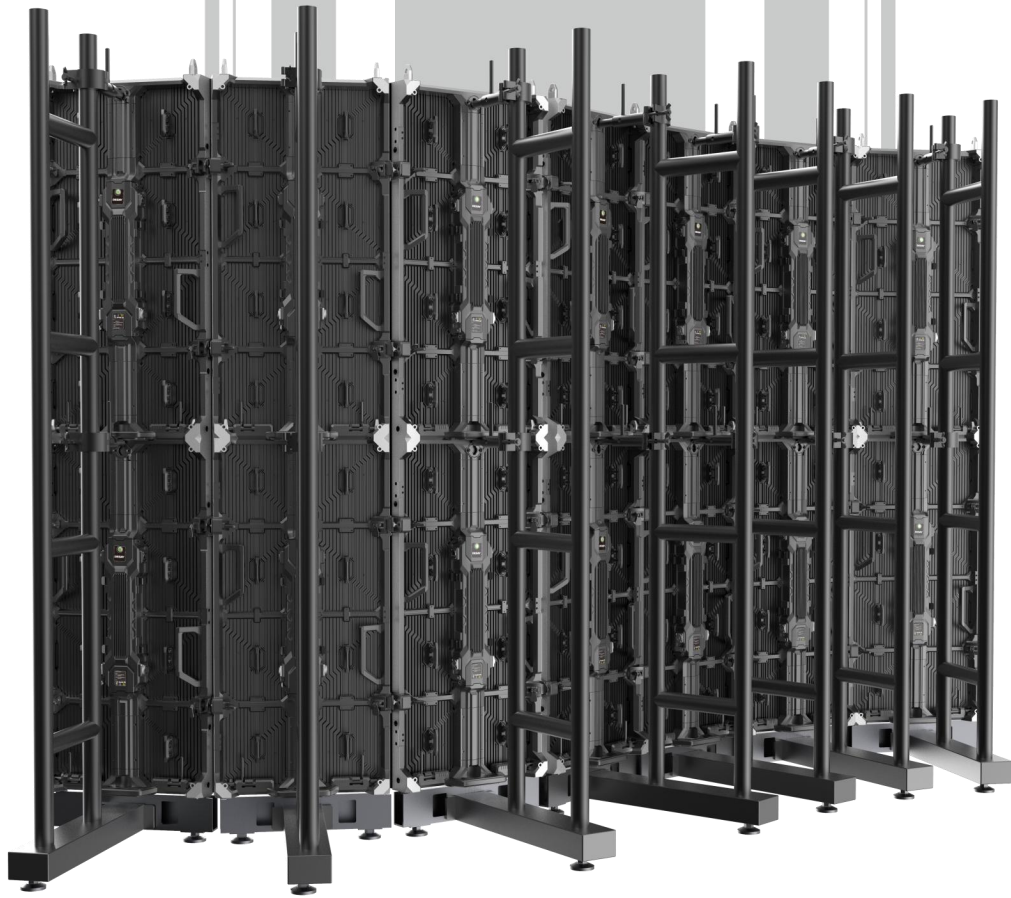Creating concave & convex curved very easy

Fast assembly

Hanging bar and dolly optional
Maximum hanging 15 panels

Hanging bars accessories:
1-in-1 size: 459*100*50mm
2-in-1 size：959*100*50mm

Dolly capacity: 1 for 12
The standard industry sized dolly fits perfectly
into trucks, enabling double stacking
20ft container = 10 carts /60 sqm LED system
40ft container = 44 carts /264 sqm LED system

Dolly advantages:
Can be directly used as a box packaging, with
dolly can be stacked up and down lifting, more
convenient

Concave and convex stacking conbination

Stacking accessories

Ground beam specifications:
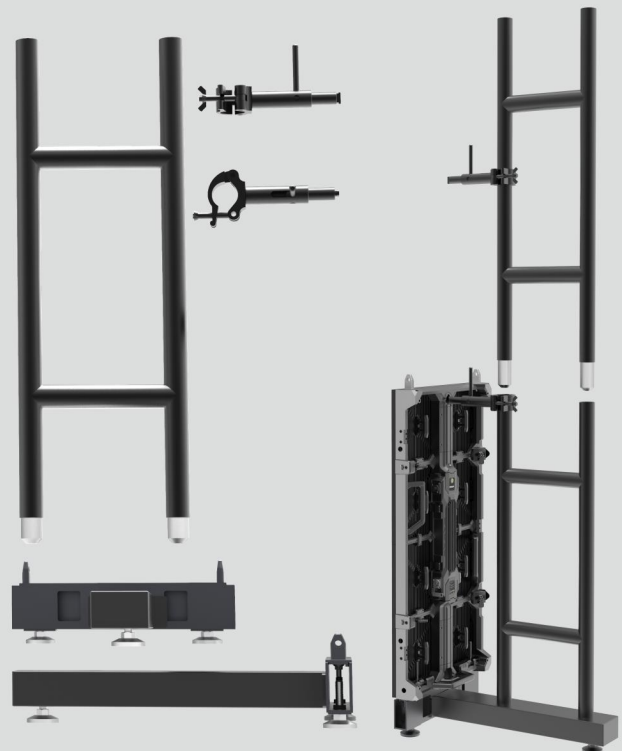1-in-1: 480* 50 * 100mm
2-in-1: 980 *50 * 100mm

Touring frame
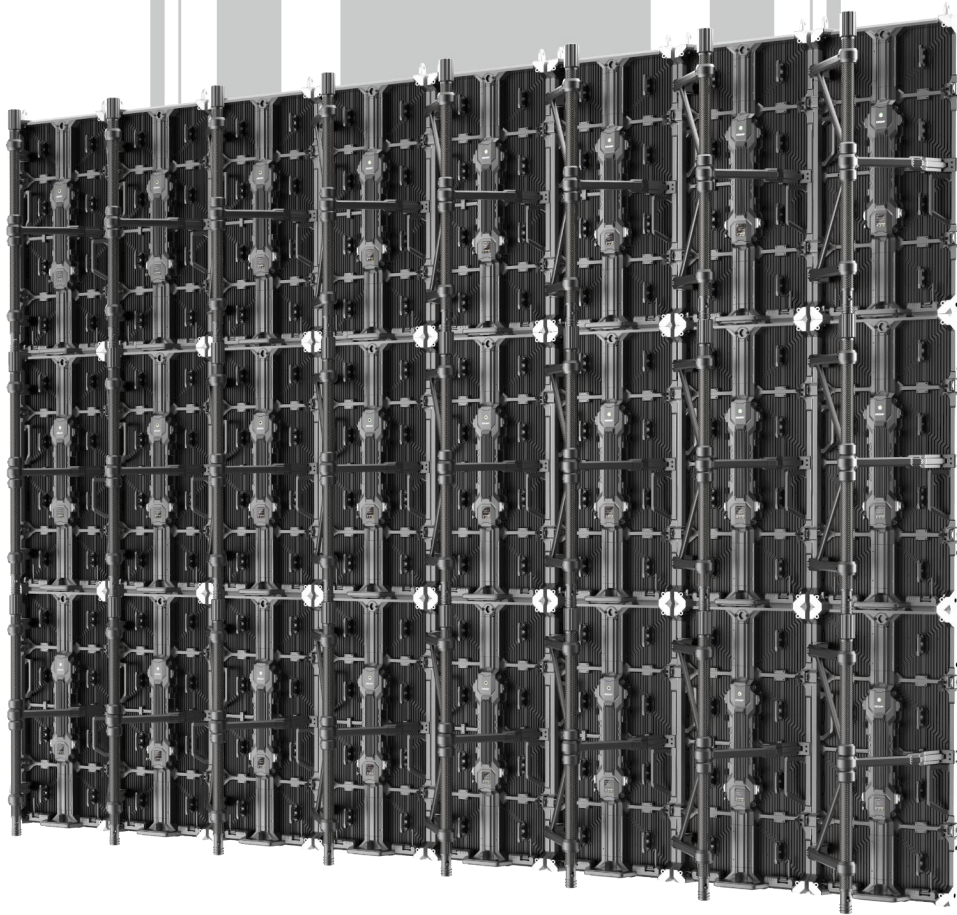1-in-1: 1000mmH *300mmW * 50 mm pipe diameter
2-in-1: 1000mmH *300mmW * 50mm pipe diameter

Touring frame bracket:
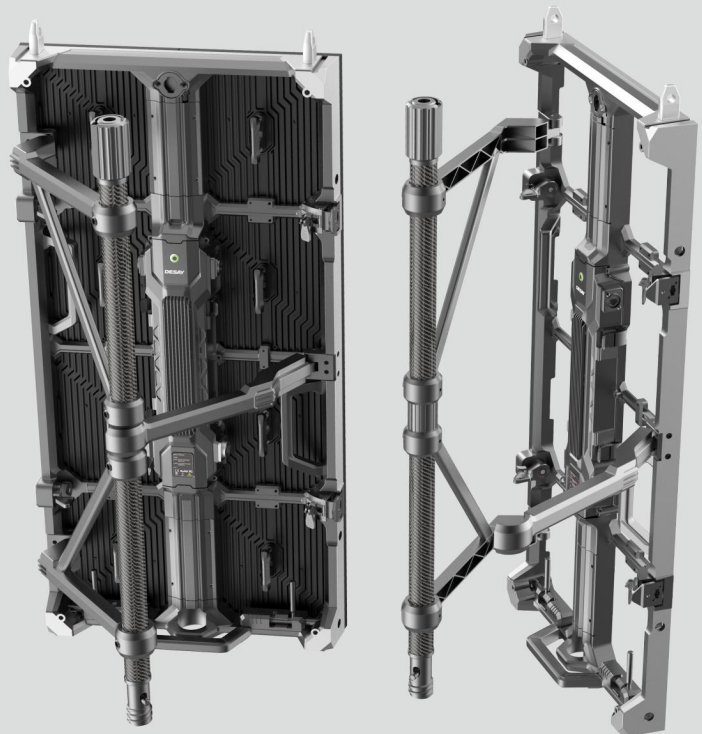700mmW * 50mmD* 100mmH

Touring frame fast lock

Touring frame easy for large screen installtion

With innovative and removeable ladder, strong and duarble struture, ready to withstand the winds speeds of up to 20m/s.

RT series is road-ready, cutting the installation time of large screens set up.

Flight case specs
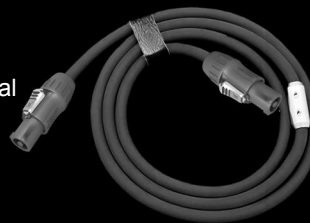Specifications: 1 for 6
1150mmW* 845mmD* 1250mmH

Dolly packaging specs
Specifications: 1 for 12
1568mmW*760mmD*1181mmH

Data cable
Neutrick&Seetronics plug optional

Specifications:
Horizontal cabling 0.5m
Vertical cabling 1.3m

Power cable
Neutrick&Seetronics plug optional

Specifications:
Horizontal cabling 0.5m
Vertical cabling 1.3m

Specifications

Parameter	Unit	RT2.6	RT2.9	RT3.9	RT4.8	RT8.3
Pixel pitch	mm	2.604	2.976	3.906	4.807	8.333
Brightness	nits	5000~5500	5000~5500	5000~6000	5000~6000	5000~6000
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)		100(+50/-50)		
Recommended minimum viewing distance	m	2.6	3	4	5	8
Panel width	mm	500				
Panel heigh	mm	1000				
Panel depth	mm	86				
Panel area	m²	0.5				
Panel material		Aluminum				
Panel weight	Kg	16.5KG				
Ingress protection (front/back)	IP	65/54				
Pixel matrix per panel		192*384	168*336	128*256	104*208	60*120
Brightness control		255				
Gray scale	bit	14				
Frame rate	Hertz	50/60				
Display refresh rate	Hertz	3840				
Input voltage	VAC	100~240				
Input power frequency	Hertz	50~60				
Input power (Max.)	W/m²	650±10%	650±10%	620±10%	650±10%	650±10%
Input power (Avg.)	W/m²	227±10%	227±10%	217±10%	227±10%	227±10%
Operating temperature range	deg.C	-20~+45				
Lifetime (50% brightness)	Hours	100,000				