

IRD-F Series

Featuring multi-pixel pitch options and 7680Hz ultra-high refresh rate

The design of flexible panels support creative shapes and adapting for any scenario



Seamless Splicing



Magnet



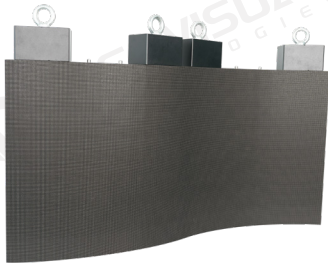
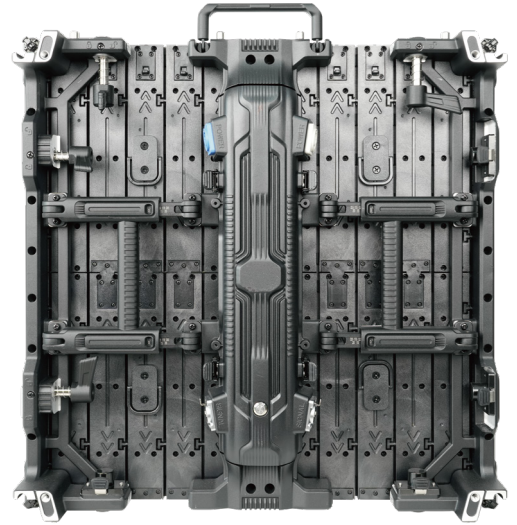
Curved



Low Energy



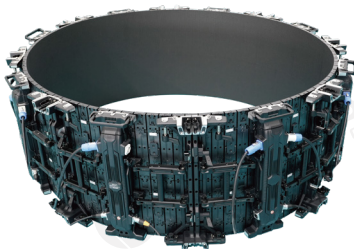
90° Stitching



Multiple Pixels, High Refresh Rate

Different Pixel Option: 1.9mm, 2.6mm, 2.9mm, 3.9mm, perfect for indoor events

7680HZ High Refresh Rate: Ensures clear and vivid visuals for excellent viewing experience



Flexible Design, Angle Lock Upgrade

Flexible Panel: Ensures each panel can twist flexibly

Lock Optimization: Supports full flex, free smooth curve, S shape, $\pm 45^\circ$ maximum angle, redefining flexibility in staging



Anti-Collision Design



Detachable Power Box



Flexible Shape



Retractable Rod

Specification:

Model	IRDF-1.9	IRDF-2.6	IRDF-2.9	IRDF-3.9
Physical Pitch	1.95mm/0.07"	2.6mm/0.1"	2.97mm/0.12"	3.91mm/0.15"
Pixel Configuration	SMD1515	SMD1515	SMD2121	SMD2121
Pixel Density	262144px/m ²	147456px/m ²	112896px/m ²	65536px/m ²
Module Dimension(WxH)	250x250mm/ 9.84"x9.84"			
Panel Dimension(WxHxD)	500x500mm/19.68"x19.68"			
No. of Module/panel(WxH)	2x2			
Module Resolution	128x128px	96x96px	84x84px	64x64px
Panel Resolution	256x256px	192x192px	168x168px	128x128px
Panel Material	Die-casting Aluminum			
Panel Weight	6kg(13.22lbs)			
Gray Scale	16bit			
Contrast Ratio	4000:1			
Avg. Power Consumption	50w/panel	50w/panel	28w/panel	28w/panel
Max. Power Consumption	145w/panel	145w/panel	85w/panel	85w/panel
Operating Temp/Humidity	-10C - 60C / 10% - 60%			
Storage Temp/Humidity	-30C - 60C / 10% - 60%			
Refresh Rate	7680hz			
Brightness	≥600nits			
Viewing Angle(H/V)	160°/140°			
Expected Lifetime	100,000hrs			
Max. Stacking/Hanging	20/10 panels			
Service	Rear			
IP Rating(Front/Rear)	IP40/IP21			
Certification	CCC,CE,ETL,RoHS			

