

IRC Series

RACEVISUAL
TECHNOLOGIES

Our new LED IRC series features innovative designs, including an auto-lock function that enables panels to lock automatically when connecting to other panels or hanging bars and stacking systems. Panels with different designs, such as flexible, 90-degree, curved, and standard flat panels, can be seamlessly connected, allowing for versatile and creative applications.



High Resolution, Vivid Image

Multiple pixel pitches for option, 1.9mm,
2.6mm, 2.9mm, 3.9mm
7680Hz refresh rate, stunning visual effect



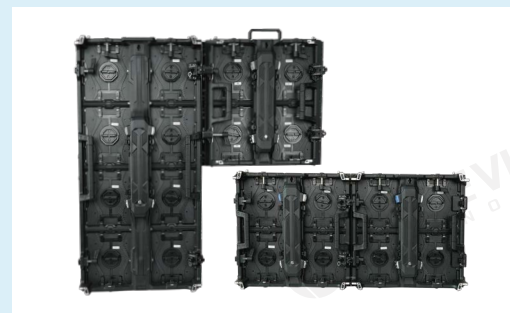
Modular Design, Front and Rear Service

Power & signal unit modular design, magnet-
ic module design, easy for front service,
tools-free for installation and teardown



Crash Proof Protection

Corner protection
Avoid crashing when packing & assembling
Easy to stand for demonstration



Standard, Curved, Flexible, 90 degrees panels combinations.

Panels with different design functions and
purposes can be freely combined and
connected to achieve more creative effects.

Specification:

Model	IRC-1.5	IRC-1.9	IRC-2.6	IRC-2.9	IRC-3.9
Physical Pitch	1.56mm/0.06"	1.95mm/0.07"	2.6mm/0.1"	2.97mm/0.12"	3.91mm/0.15"
Pixel Configuration	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121
Pixel Density	409600px/m ²	262144px/m ²	147456px/m ²	112896px/m ²	65536px/m ²
Module Dimension(WxH)	250x250mm/ 9.84"x9.84"				
Panel Dimension(WxHxD)	500x500x80mm (19.68"x19.68"x3.14") / 500x1000x80mm(19.68"x39.37"x3.14")				
No. of Module/panel(WxH)	2x2/2x4				
Module Resolution	160x160px	128x128px	96x96px	84x84px	64x64px
Panel Resolution	320x320px 230x640px	256x256px 256x512px	192x192px 192x384px	168x168px 168x336px	128x128px 128x256px
Panel Material	Die-casting Aluminum				
Panel Weight	6kg/10.4kg(13.22lbs/22.92lbs)				
Gray Scale	16bit				
Contrast Ratio	4000:1				
Avg. Power Consumption	50w/panel 100w/panel	50w/panel 100w/panel	50w/panel 100w/panel	28w/panel 56w/panel	28w/panel 56w/panel
Max. Power Consumption	145w/panel 290w/panel	145w/panel 290w/panel	145w/panel 290w/panel	85w/panel 165w/panel	85w/panel 165w/panel
Operating Temp/Humidity	-10°C - 60°C / 10% - 60%				
Storage Temp/Humidity	-30°C - 60°C / 10% - 60%				
Refresh Rate	7680hz				
Brightness	>=600nits				
Viewing Angle(H/V)	160°/140°				
Expected Lifetime	100,000hrs				
Max. Stacking/Hanging	20/10				
Service	Front/Rear				
IP Rating(Front/Rear)	IP40/IP21				
Certification	CCC,CE,ETL,RoHS				

