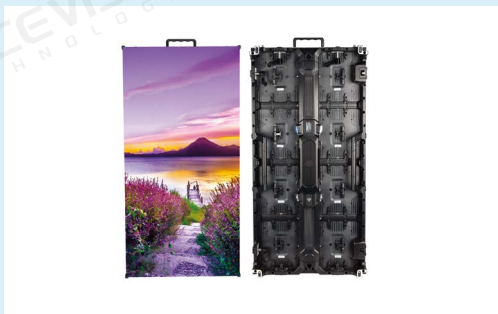
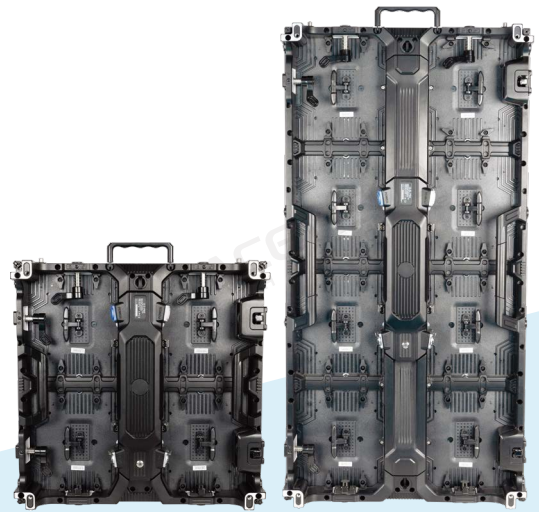


IRB Series

The IRB Series delivers exceptional performance with high resolution, offering multiple pixel pitches and a 7680Hz refresh rate for stunning visuals. Its modular design ensures easy, tool-free power and signal servicing. Featuring crash-proof protection for durability and curved panel options supporting concave, convex, and curvilinear setups, it suits diverse indoor applications.

IRB is available in the following pixel pitches: 1.9mm, 2.6mm, 2.9mm, 3.9mm



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, magnetic 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



Concave, Convex, Curvilinear options

500x500mm / 500x1000mm panels arcable
concave & convex angle

Specification:

Model	IRB-1.5	IRB-1.9	IRB-2.6	IRB-2.9	IRB-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 320x640px	256x256px 256x512px	192x192px 192x384px	168x168px 168x336px	128x128px 128x256px
Panel Material	Die-casting Aluminum				
Panel Weight	8kg/14kg(17.63lbs/30.86lbs)				
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				

