

IR3 Z Series

Indoor XR LED Display
P1.95,P2.604,P2.97,P3.91



Great Cabinet Design



Light Weight



Curve Capabilities



Easy Repair



Seamless Connection



1,920Hz ~ 3,840Hz



Excellent Performance



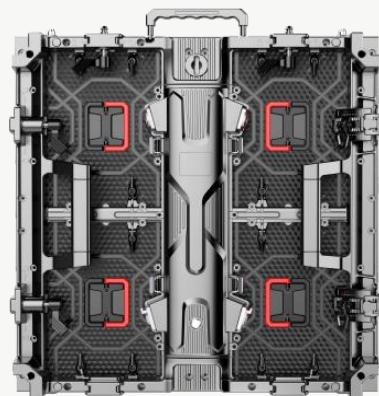
Various Shapes

Product Description

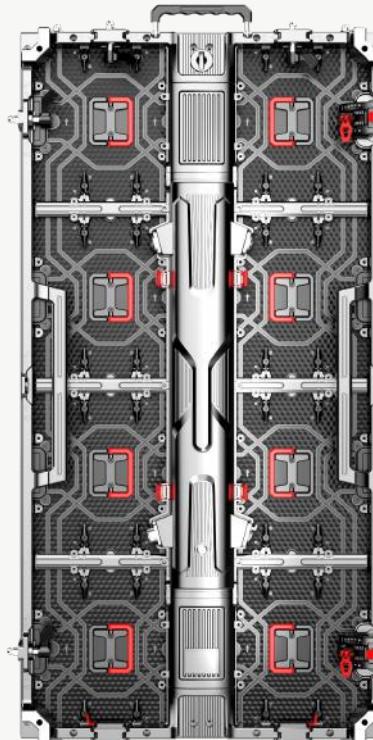
Great Cabinet Design

To meet the requirements of customers in different application scenarios, 2 cabinet sizes are available.

One of the cabinet size is 500mm x 500mm, and another one is 500mm x 1000mm, which makes installation flexible during the event.



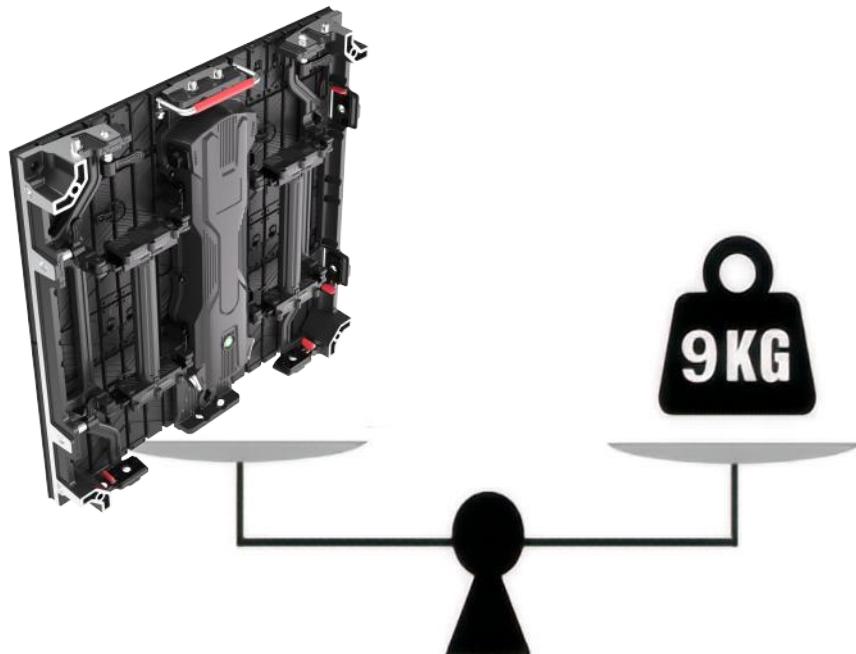
500x500mm



500x1000mm

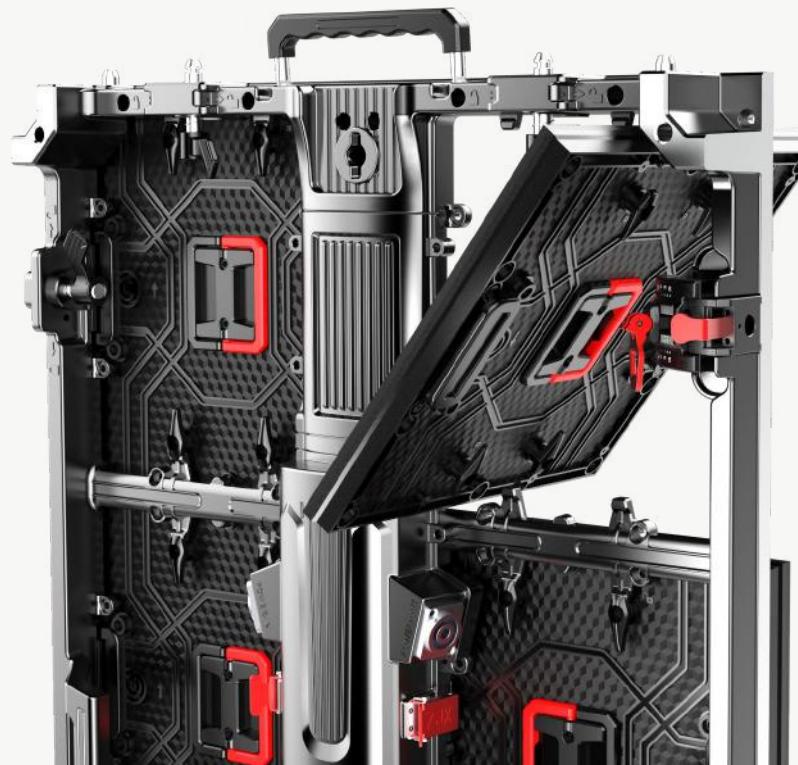
Light Weight

As the cabinet uses die-cast aluminum material, the weight of the panel is only 9 kgs, and it has great heat dissipation.



Easy Repair

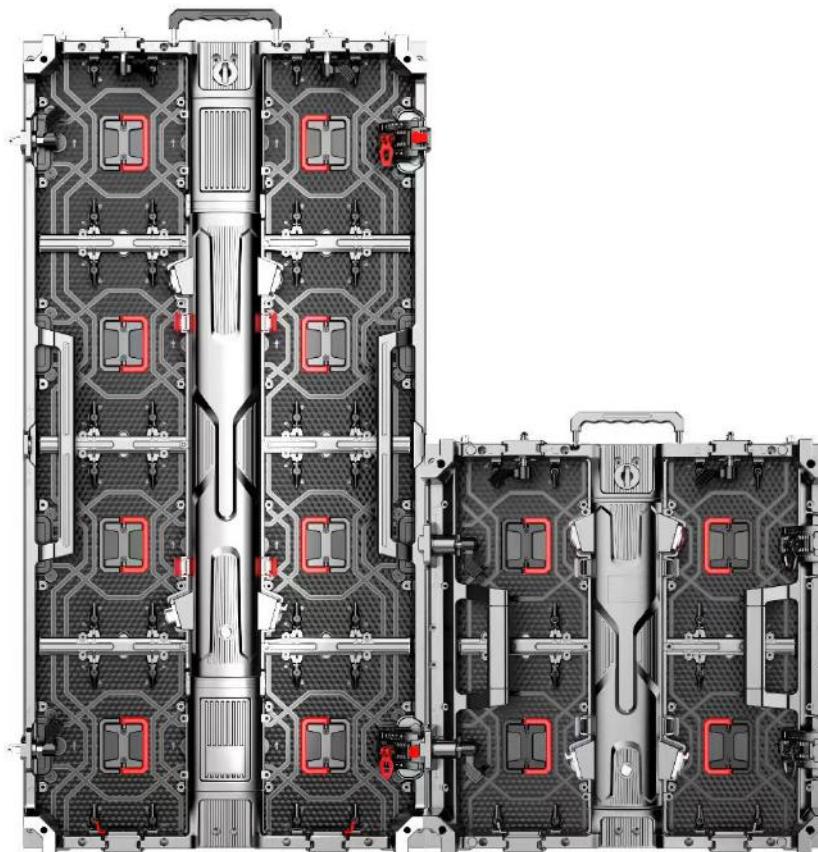
The power supply box is easy to disassemble, you only need to open the button next to the box, and you can easily replace it.



Seamless Connection

Curved Design

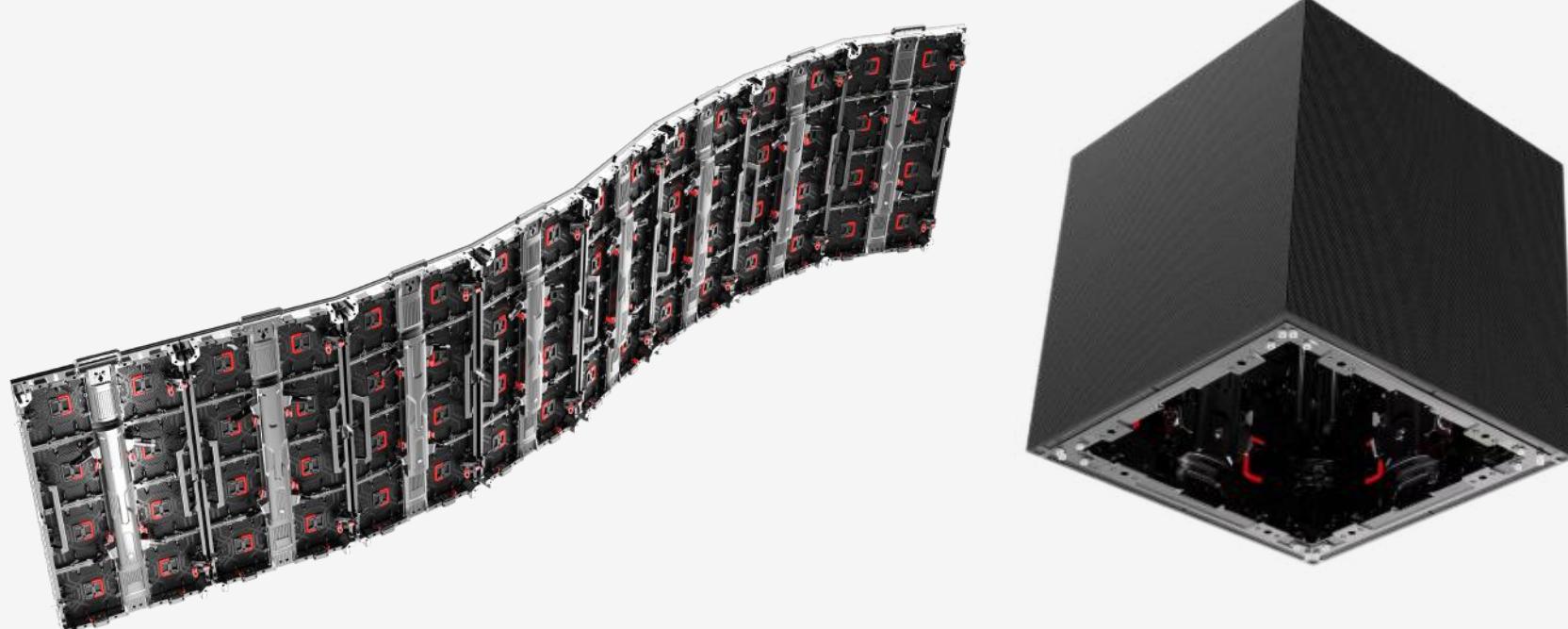
The lock is very secure and strong. It can be designed to be curved to form a curved screen from -15° (convex) to $+15^{\circ}$ (concave).



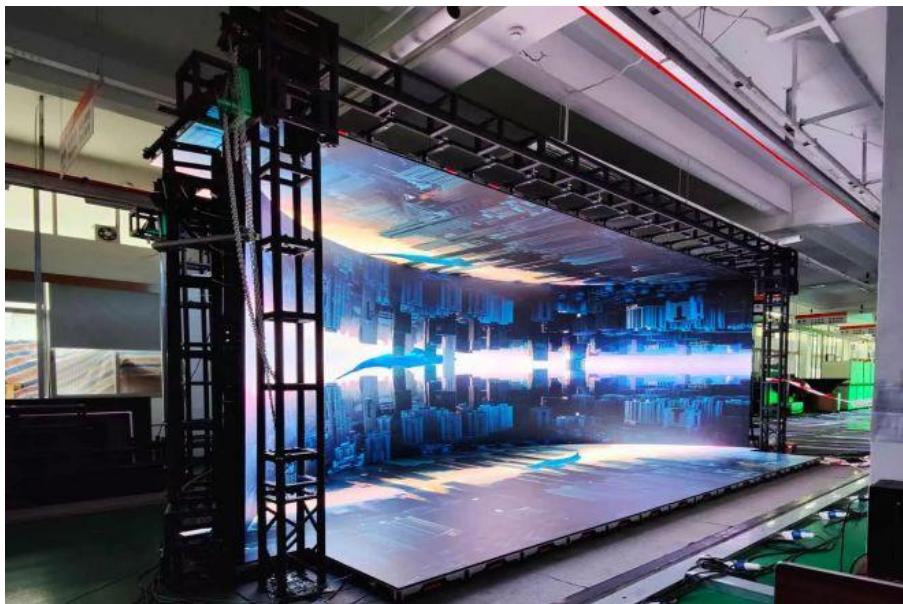
Various Shapes

Excellent visual effect

With its excellent video performance, create an immersive and dynamic visual experience. Provide viewers with a dynamic and engaging visual experience.



Application Files



IR3 Z Series Parameters

Item	P1.95	P2.6	P2.6	P2.97	P3.91
Pixel Pitch	1.95mm	2.604mm	2.604mm	2.976mm	3.91mm
LED Type	Professional SMD1515	Professional SMD1515	Professional SMD1515	Professional SMD2020	Professional SMD2020
Module Resolution	128dots x 128dots	96dots x 96dots	96dots x 96dots	84dots x 84dots	64dots x 64dots
Driving Mode	1/16scan	1/16scan	1/8scan	1/14scan	1/8scan
Module Pixels	16,384dots	9,216dots	9,216dots	7,056dots	4,096dots
Module Size(mm)	250 x 250				
Cabinet Size(mm)	500 x 500/1000				
Cabinet Resolution(dots)	256 x 256/512dots	192 x 192/384dots	192 x 192/384dots	168 x 168/336dots	128 x 128/256dots
Pixel Density(dots/m ²)	282,144	147,456	147,456	112,896	65,536
Minimum Viewing Distance	≥1.9m	≥2.6m	≥2.6m	≥2.9m	≥3.9m
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1
Brightness	1500~2000cd	1500~2000cd	1500~2000cd	1500cd	1500cd
IP Grade	IP43	IP43	IP43	IP43	IP43
Refresh Rate	7,680Hz	7,680Hz	7,680Hz	7,680Hz	7,680Hz
Receiving Card	Nova A10S-PRO				
Gray Scale	8~12bits	8~12bits	8~12bits	8~12bits	8~12bits
Viewing Angle	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Maximum Power Consumption	520(W/m ²)				
Average Power Consumption	175(W/m ²)				
Inout Voltage	AC110V~AC220V 120Hz	AC110V~AC220V 120~240Hz	AC110V~AC220V 120~240Hz	AC110V~AC220V 120Hz	AC110V~AC220V 120~240Hz
Operating Temperature	-20℃~60℃	-20℃~60℃	-20℃~60℃	-20℃~60℃	-20℃~60℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum				
Cabinet Weight	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win8,etc.)	Windows (Win7,Win10,etc.)	Windows (Win7,Win10,etc.)
Signal Source Compatibility	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc	DVI,HDMI1.3,DP1.2,SDI,HDMI2.0,etc