

# IR2 Series

Indoor LED Panel for Rental-P2.6, P2.9, P3.9



 Light Weight

 Aluminum Material

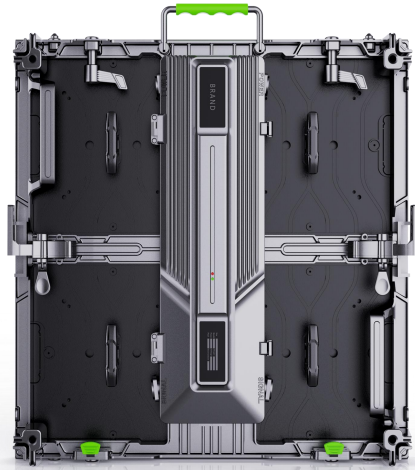
 Excellent Protection Gadgets  Strong Back Handle

 Easy Maintenance

 Excellent Refresh Rate

 Great Gray Scale

 Various Shapes

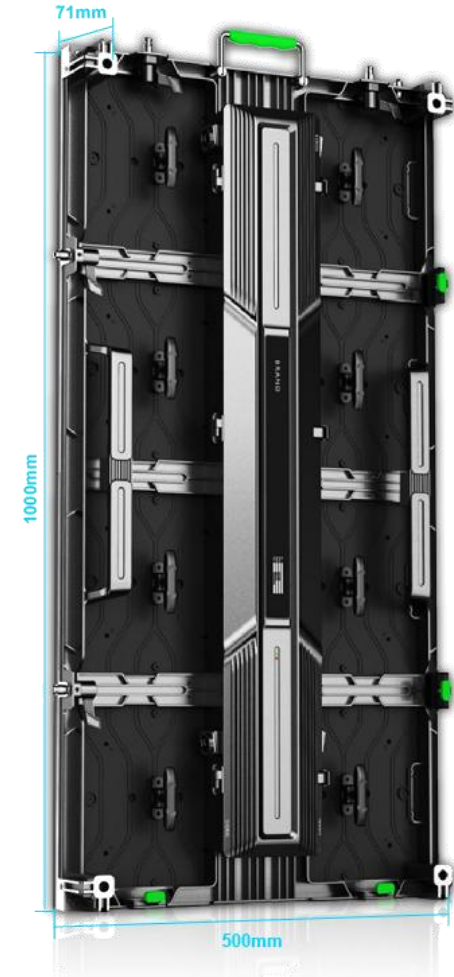


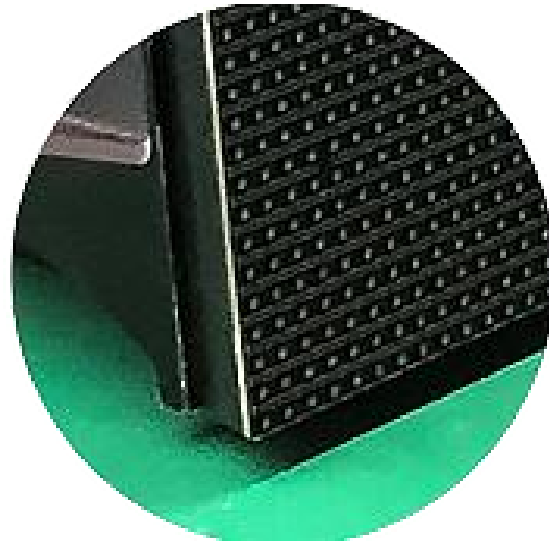
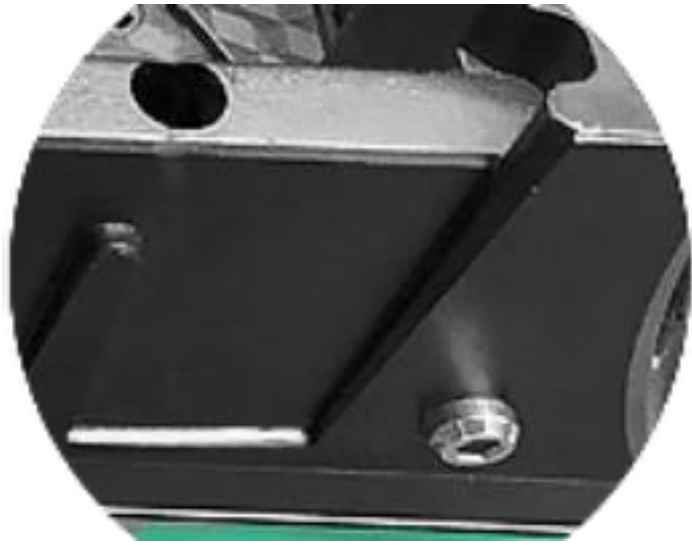
## Light Weight

As the cabinet uses aluminum material, the weight of the panel is only 7.5 kgs, and it has great heat dissipation.

## Great Cabinet Design

- Handle on the top brings convenience.
- A safety devices on the lock in case the locks slide off by itself.
- Module attached by a string in case it falls off.
- Strong back handle.
- Strong double locks on the side.
- The panel has bottom module protection design.
- **Two options: 500\*500mm, 500\*1000mm**





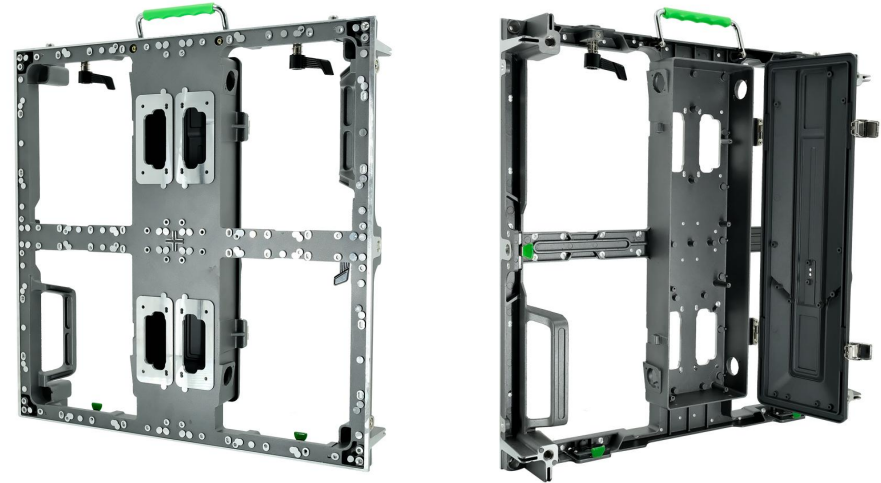
## Excellent Protection Gadgets

- The panel has bottom module protection design. There are two anti-collision pins at the bottom of the panel to raise the bottom module up by 3mm and prevent it from crashing if the panel hits the floor. Meanwhile, it also has strong and safety locking system.
- We use the innovative “AOB” technology to reinforce the soldering connection between LED and PCB board. So the LED won't be broken easily.

## Easy Maintenance & Repairment

Front access design is used in this panel. The module's slim shape makes it even much easier to maintain the module.

The receiving card, power supply, and hub card are built in a control box in the back of the cabinet. If there is any problem with the LED panel, you can check the whole control box in a short time.





## **Brilliant Visual Performance**

IR2 series captures the audience's attention and creates unforgettable experience using its excellent video performance. Meanwhile, black LED is adopted as well, and the color contrast of the screen is amazing.

## **Ultimate Refresh Rate**

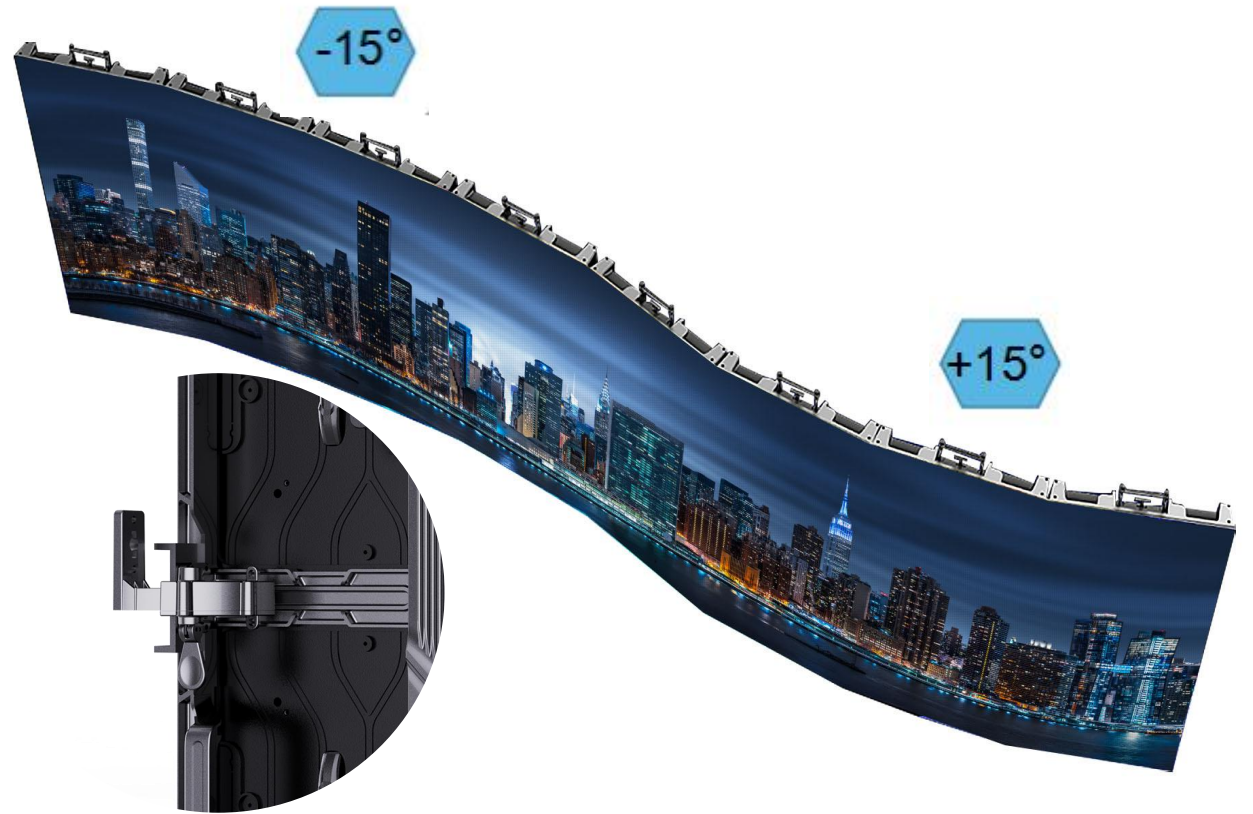
Up to 3840Hz

## **Great Gray Scale**

Up to 14bits

## Curved Design

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



**1** Press the tab . **2** Lock the curve lock.



## Various Shapes

IR2 with high reliability. Thanks to the high-tech module design, the LED is well connected with the PCB, so it is very reliable in any curved shape.

The screen is able to be assembled to form the following shapes.

- Curved Wall
- Curved Design
- Round Shape
- Irregular design



Item	P2.6	P2.9	P3.9
Pixel Pitch	2.604mm	2.976mm	3.906mm
LED Type	SMD1515	SMD2020	SMD2020
Module Resolution	96dots × 96dots	84dots × 84dots	64dots × 64dots
Driving Mode	1/32scan	1/28scan	1/16scan
Module Pixels	9,216dots	7,056dots	4,096dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm	500mm × 500mm or 500mm × 1,000mm
Cabinet Resolution	192dots × 192dots or 192dots × 384dots	168dots × 168dots or 168dots × 336dots	128dots × 128dots or 128dots × 256dots
Pixel Density	147,456dots/m <sup>2</sup>	112,896dots/m <sup>2</sup>	65,536dots/m <sup>2</sup>
Minimum Viewing Distance	≥2.6 m	≥2.9 m	≥3.9m
Brightness	800nits~1,200nits	800nits~1,200nits	800nits~1,200nits
IP Grade	IP43	IP43	IP43
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~16bits	13bits~16bits	13bits~16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	560W/m <sup>2</sup>	560W/m <sup>2</sup>	560W/m <sup>2</sup>
Average Power Consumption	160W/m <sup>2</sup>	160W/m <sup>2</sup>	160W/m <sup>2</sup>
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%
Cabinet Material	Aluminun	Aluminum	Aluminun
Cabinet Weight	7.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, 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.