IFR Series 500/1000

Indoor Floor Tile LED Screen-P2.5, P2.6, P2.9, P3.9, P4.8, P5.2, P6.25



Stable mask

{} Fast and Easy Maintenance

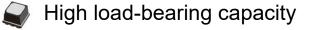


Interactivity

*

. IP54

C 1920Hz ~ 3840Hz



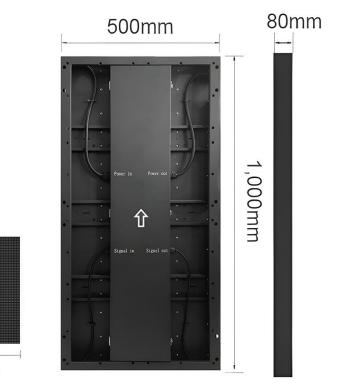
14bits

Slim and lightweight design

The iron cabinet only weights 23kgs which is lighter than conventional cabinets in the market. Lighter cabinets provide more convenience for installation and maintenance. 0.5m by 1m panel size can be easily assembled into big screen of different dimensions.

- 0.5m(w) x 1m(h)
- 80mm thickness
- 23kgs weight

The pixel pitch P2.5, P2.6, P2.9, P3.9, P4.8, P5.2, and P6.25 are available.



250mm

250mm

High Load-bearing Capacity

- Each square meter can bear 2200kg
- It has excellent load-bearing performance thanks to the following points:
- 1) The cabinet material is strong, and the board is 1.5
- 2) Multilayer subdivision PC mask is used
- 3) One cabinet (is equipped) with 4 adjustable feets which

support adjustable height: 130mm-170mm

• Special reinforcement structure and wire buckle design

greatly enhance the stability of the cabinet.

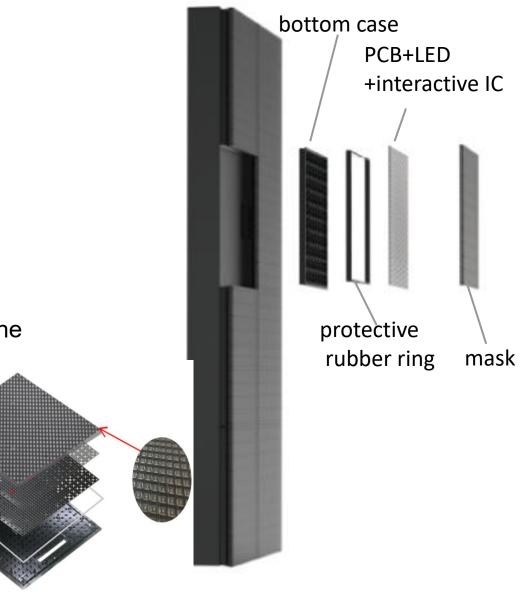


Strong PC Mask Design

- Using private mode anti-scratch mask
- The mask convex design enhances the wear resistance and scratch resistance of the module surface
- IP54. Protective rubber ring enhances waterproof performance
- Enough distance reserved between the LEDs and the mask so the

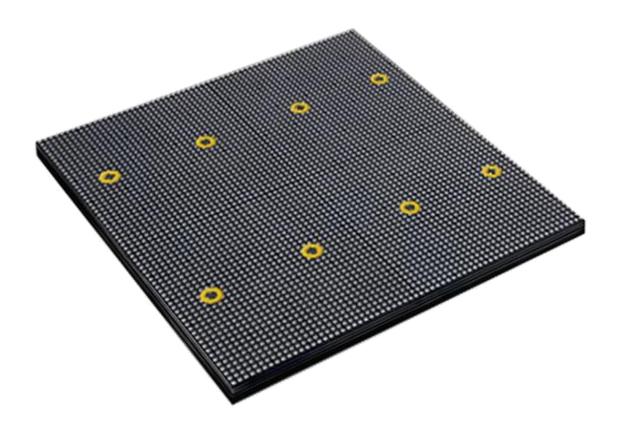
LEDs won't be influenced when people standing on

 Multilayer subdivision PC mask is stronger to realize high protection level



Interactive Induction

- One module has 8 built-in chips to achieve the fast response time: 0.016s.
- Adjustable sensitivity. The reaction speed and time can be changed on the software according to different needs.
- The response speed of the built-in chip is much faster than that of the radar sensor.



Comparison of radar sensing and build-in chip sensing

• Radar sensing sensitivity is lower than chip sensing.

Radar-sensed signals are vulnerable to interference, if the radar

device is blocked, corresponding interaction will disappear.

The gravity sensing chip senses according to the force of people stepping on the ground, it can detect 1,000 people at the same time without any delay. There will be no failure point.



Cabinet Front Maintenance

Magnetic suction cabinet design, supporting

arbitrary removal of the cabinet without

affecting the normal operation of other parts.

Also it's more convinent for replacing the

modules.



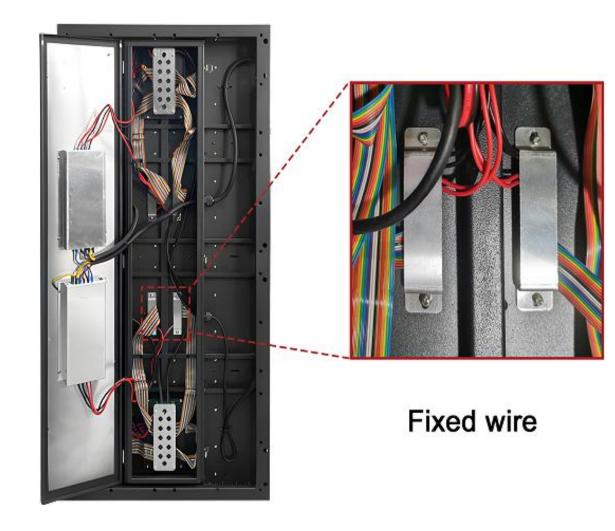
Good heat dissipation

The back cover of cabinet and power box are made of aluminum, which makes the cabinet more durable and highly stable. Meanwhile, heat dissipation of aluminum is much better than other materials in the market. As the eletronic components can be cooled down quickly, their lifespan will be longer.



Patch design to fix cables

Each cabinet has patches for fixing cables.The vibration generated when stepping on the screen will not cause the wire to loosen. And the inner layout will be neater.



High brightness up to 1500nits

Unlike the regular indoor screens only reach 800nits

brightness, our product can reach 1500nits since we

use outdoor LEDs. And it has better moisture

resistance.



Multiple installation modes

- Tiled installation
- Wall installation
- Stairs installation







Application Fields

- Shopping Mall
- Hotel and Restaurants
- Exhibition Center
- Entertainment Center



| Item | P2.5 | P2.6 | P2.9 | P3.9 | P4.8 | P5.2 | P6.25 |
|-----------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Pixel Pitch | 2.5 | 2.6 | 2.976 | 3.91 | 4.81 | 5.2 | 6.25 |
| LED Type | SMD1415 | SMD1415 | SMD1415 | SMD1921 | SMD1921 | SMD1921 | SMD1921 |
| Module Resolution | 100dots x 100dots | 96dots x 96dots | 84dots x 84dots | 64dots x 64dots | 52dots x 52dots | 48dots x 48dots | 40dots x 40dots |
| Driving Mode | 1/21scan | 1/21scan | 1/21scan | 1/16scan | 1/13scan | 1/12scan | 1/10scan |
| Module Pixels | 10000dots | 9216dots | 7056dots | 4096dots | 2704dots | 2304dots | 1600dots |
| Module Size | 250mm x 250mm | 250mm x 250mm | 250mm x 250mm | 250mm x 250mm | 250mm x 250mm | 250mm x 250mm | 250mm x 250mm |
| Cabinet Size | 500mm x 500mm | 500mm x 500mm | 500mm x 1000mm | 500mm x 1000mm | 500mm x 1000mm | 500mm x 1000mm | 500mm x 1000mm |
| Cabinet Resolution | 200dots x 200dots | 192dots x 192dots | 168dots x 336dots | 128dots x 256dots | 104dots x 208dots | 96dots x 192dots | 80dots x 160dots |
| Pixel Density | 160000dots/m ² | 147456dots/m ² | 112896dots/m ² | 65536dots/m ² | 43264dots/m ² | 36864dots/m ² | 25600dots/m ² |
| Minimum Viewing Distance | ≥2.5m | ≥2.6m | ≥2.9m | ≥3.9 | ≥4.8 | ≥5.2 | ≥6.25 |
| Brightness | 900nits-1500nits | 900nits ~1500nits | 900nits~1500nits | 900nits~1800nits | 900nits~3000nits | 900nits~3000nits | 900nits~3000nits |
| IP Grade | IP54/IP45 | IP54/IP45 | IP54/IP45 | IP54/IP45 | IP54/IP45 | IP54/IP45 | IP54/IP45 |
| Refresh rate | 1920-3840Hz | 1920~3840Hz | 1920~3840Hz | 1920~3840Hz | 1920~3840Hz | 1920~3840Hz | 1920~3840Hz |
| Gray Scale | 14bit | 14bit | 14bit | 16bit | 16bit | 16bit | 16bit |
| Viewing Angle | 110°/110°(H/V) | 110°/110°(H/V) | 110°/110°(H/V) | 110°/110°(H/V) | 110°/110°(H/V) | 110°/110°(H/V) | 110°/110°(H/V) |
| Maximum Power Consumptio | 200W/Panel | 200W/Panel | 400W/Panel | 400W/Panel | 400W/Panel | 400W/Panel | 400W/Panel |
| Average Power Consumption | 100W/Panel | 100W/Panel | 200W/Panel | 200W/Panel | 200W/Panel | 200W/Panel | 200W/Panel |
| Input Voltage | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz | 100~240V AC 50-60Hz |
| Operating Temperature | -10℃~+60℃ | - <mark>10℃~+60℃</mark> | -10℃~+60℃ | -10℃~+60℃ | -10℃~+60℃ | -10℃~+60℃ | -10℃~+60℃ |
| Operating Humidity | 10~90%RH | 10~90%RH | 10~90%RH | 10~90%RH | 10~90%RH | 10~90%RH | 10~90%RH |
| Cabinet Material | I ron | Iron | Iron | Iron | Iron | Iron | Iron |
| Cabinet Weight | 11.5kg | 11.5kg | 11.5kg | 25kg | 25kg | 25kg | 25kg |
| Operating System | Windows(win7,win8,etc) | Windows(win7,win8,etc) | Windows(win7,win8,etc) | Windows(win7,win8,etc) | Windows(win7,win8,etc) | Windows(win7,win8,etc) | Windows(win7,win8,etc) |
| Signal Source Compatibility | DVI, HDMI | DVI, HDMI | DVI, HDMI | DVI, HDMI | DVI, HDMI | DVI, HDMI | DVI, HDMI |