

FLOOR-R Series

Interactive Dance Floor LED Display

Floor LED screen is new and hot LED display technology in the market. The LED screen surface has many interactive driver IC, so that people and the screen have a perfect interaction effect. LEDFUL interactive floor LED screen usually used for shopping mall, wine bars, shops, plaza, amusement parks, exhibitions, auto show, interactive walls, wedding, night clubs, T-show, etc.

Brochure

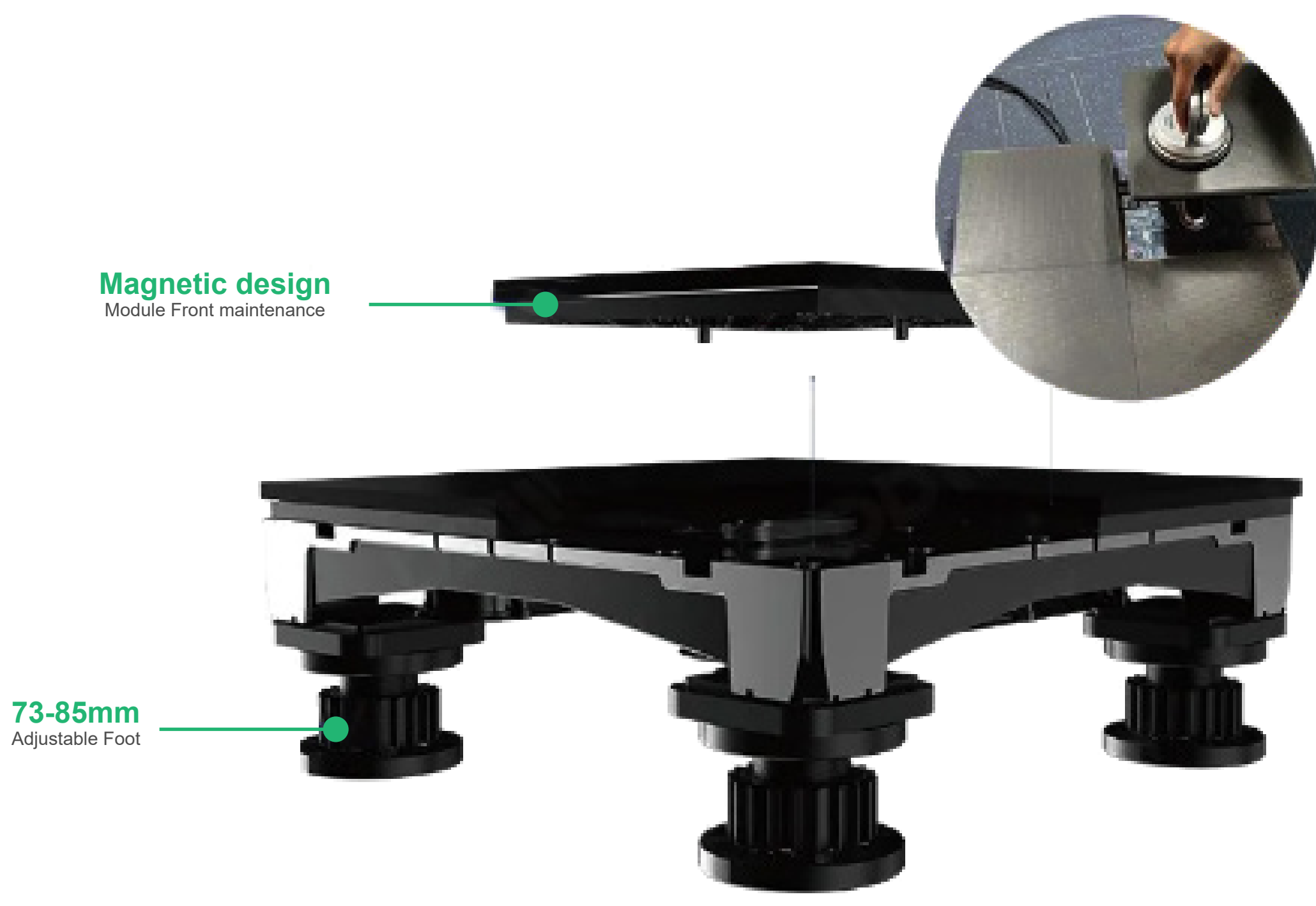
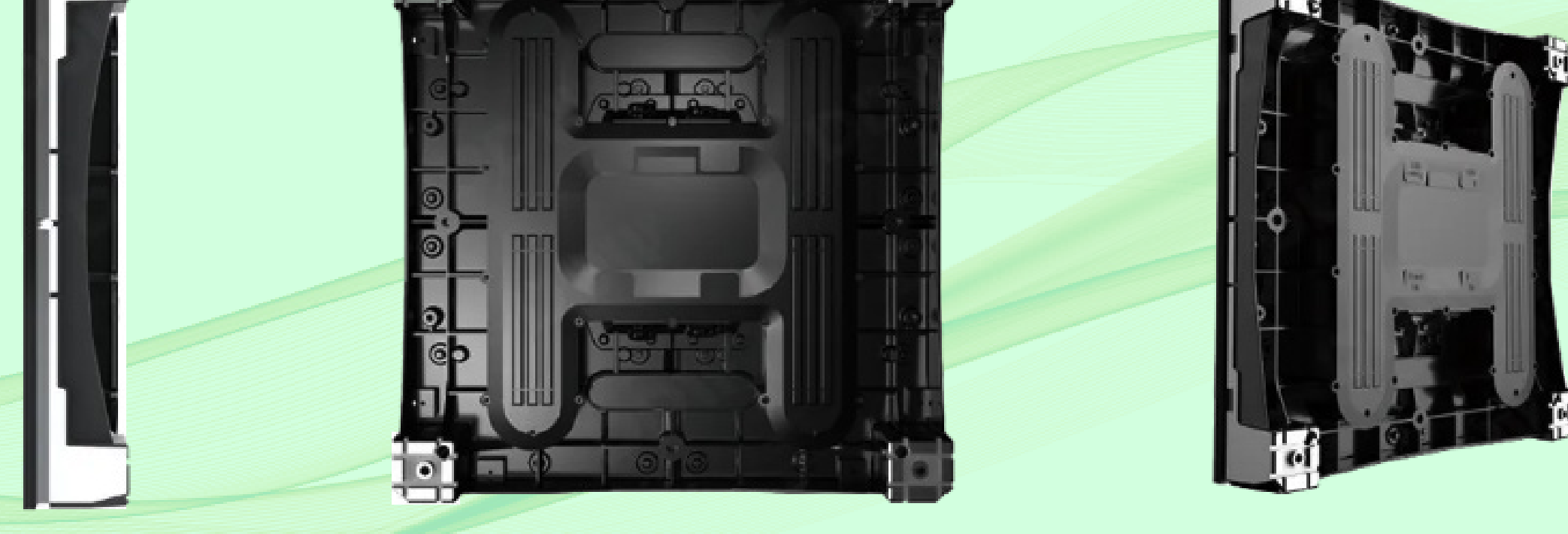
Product Video

Installation Video

Contact

Flexible & Fast Installation

FLOOR-R Series LED dance floor screen is light-weight design with only 11.4kg/pcs. Slim die-casting aluminum cabinet 500×500mm with 92mm thickness only. Meantime seamless splicing lets the screen looks perfect and display whole content without any gap. All features are great designs for easy and fast installation.

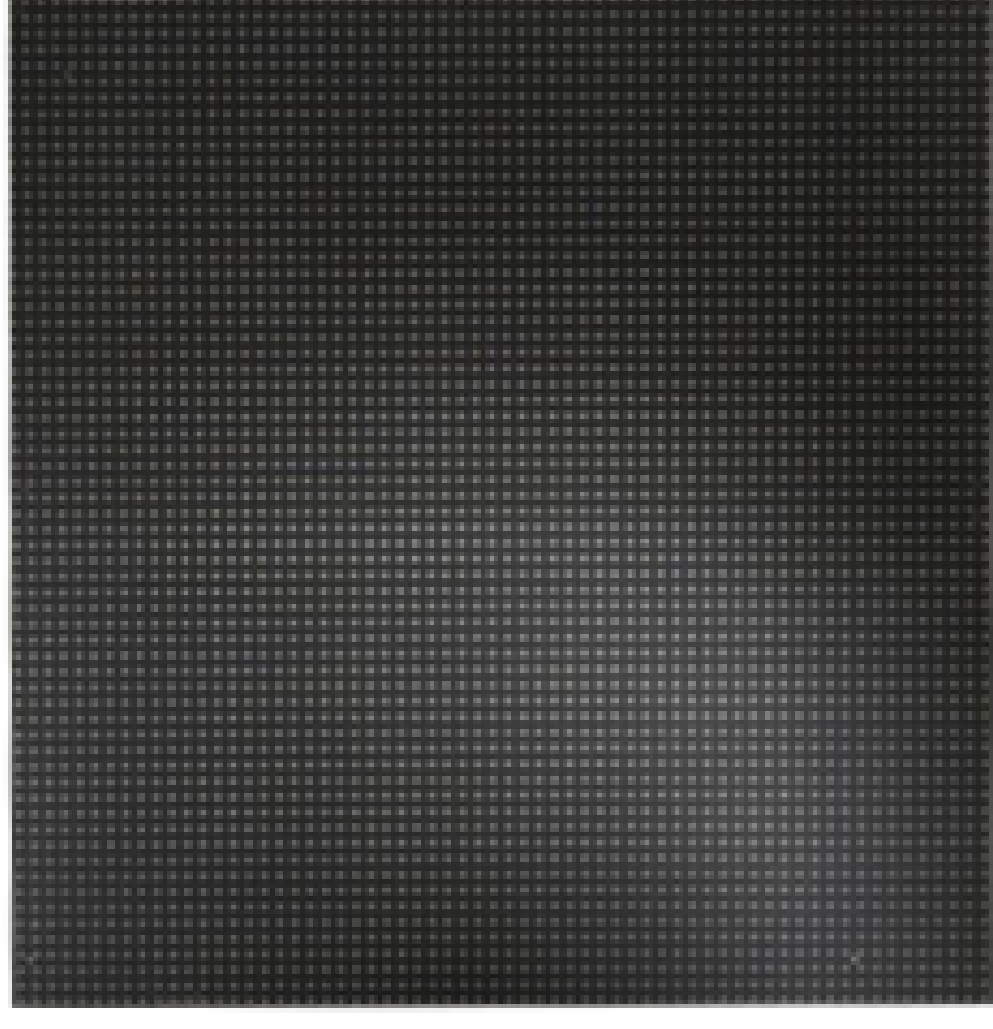
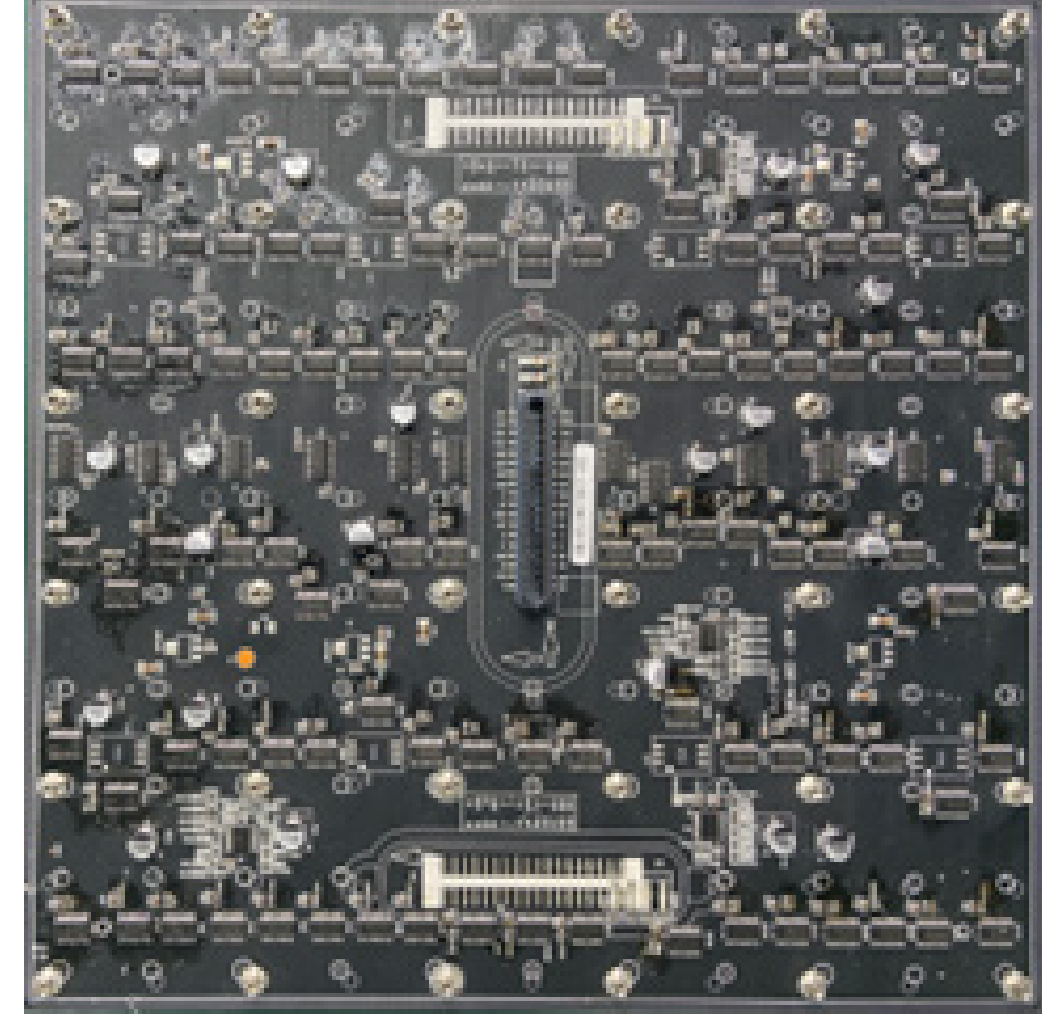
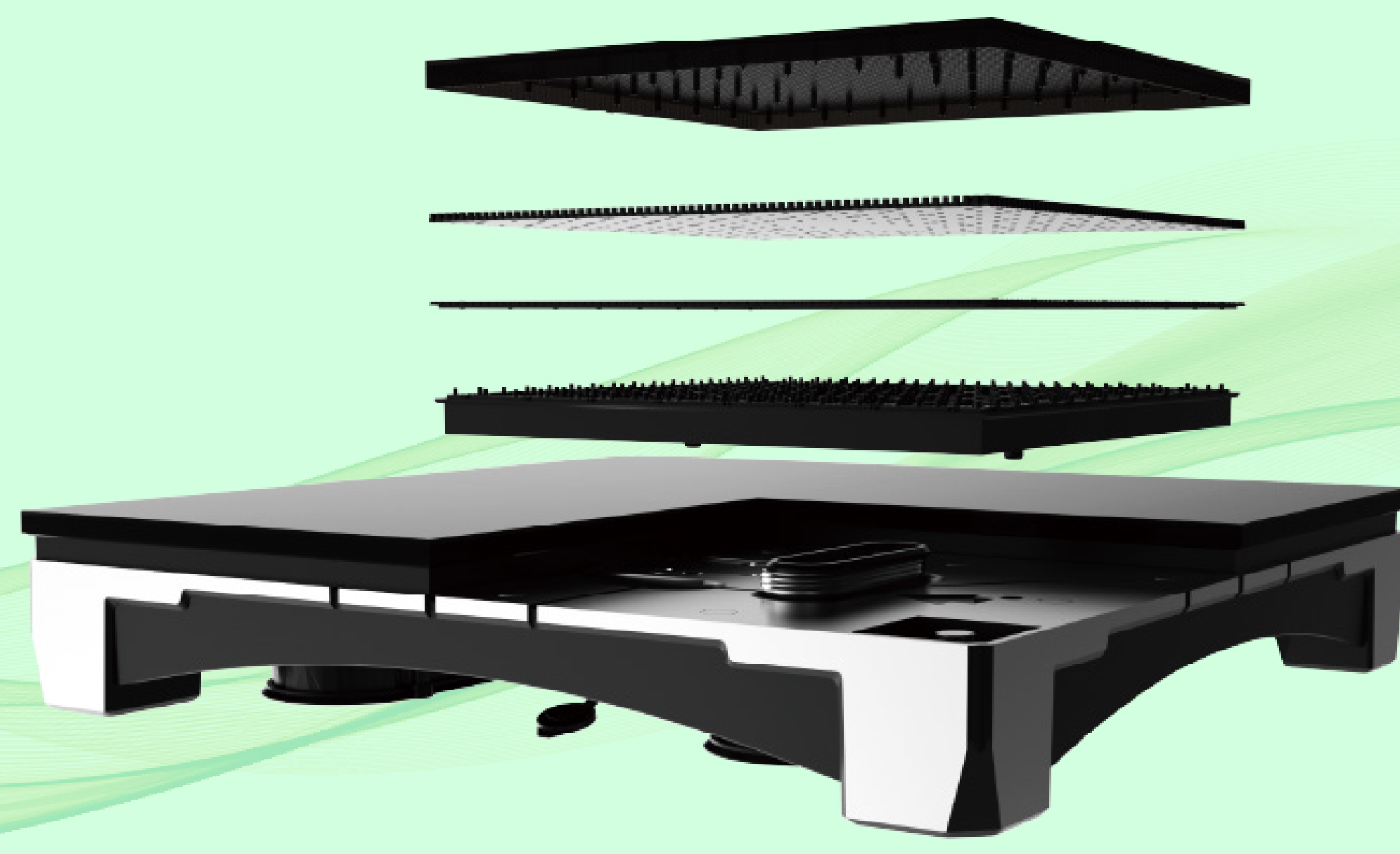


Front Maintenance

Our LED dance floor display employs front maintenance design and solution. It can make fast maintenance and replacement with such design. No need for professional technician and device, simple and user-friendly for customers.

Protective Mask Design

The mask is made of high-strength PC material with good light transmittance and impact resistance, which can effectively protect the LED chip from interference from the external environment.

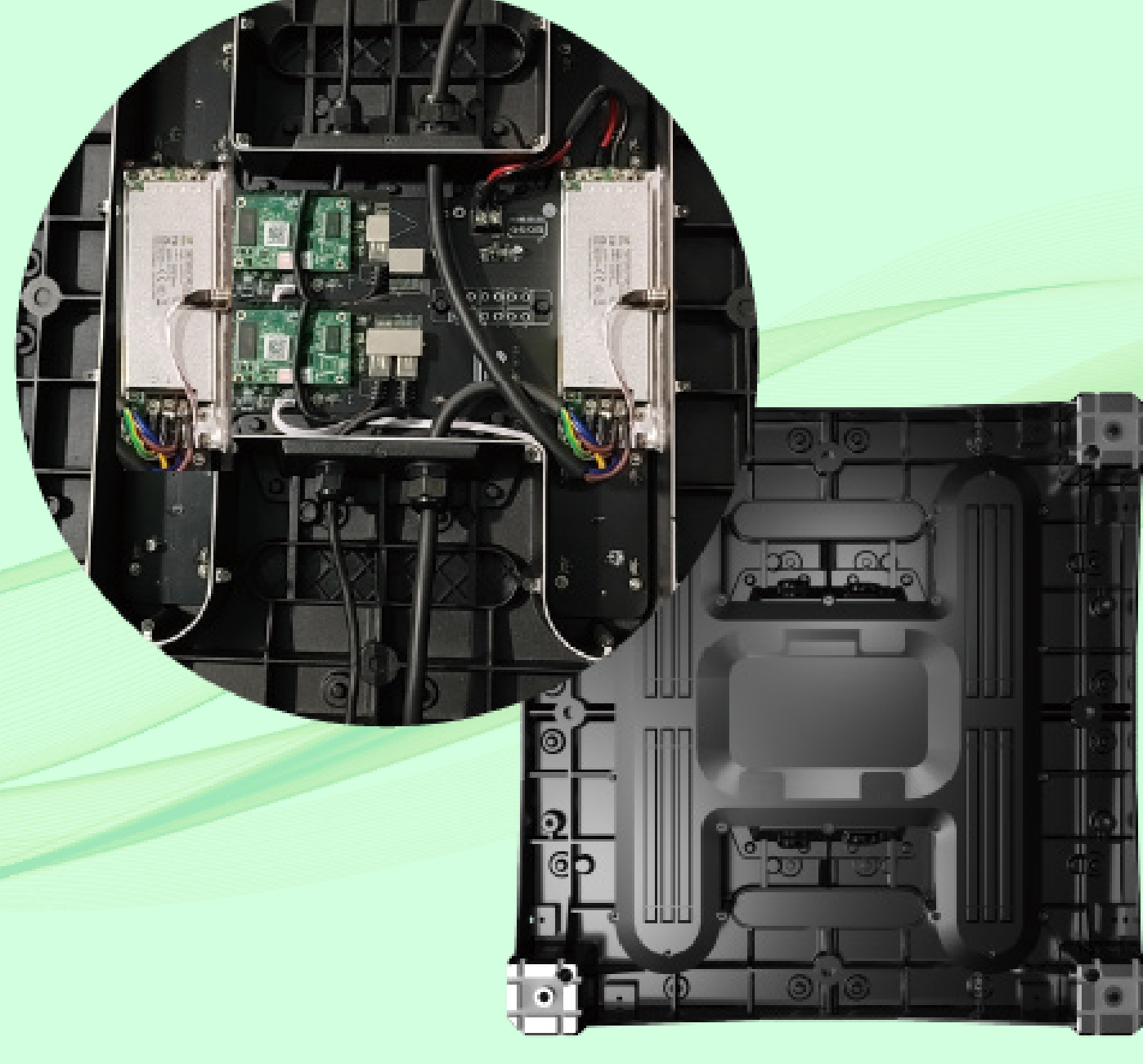


DOB Protection

Great surface protection, real shockproof and anti-collision, can withstand harsh transportation or violent impact, avoid dead lights and falling lights, and reduce later maintenance.

Power Redundancy Design

Even if one power supply or signal line fails, normal operation can still be maintained during the events, which prevent the screen from being paralyzed due to a single point of failure.

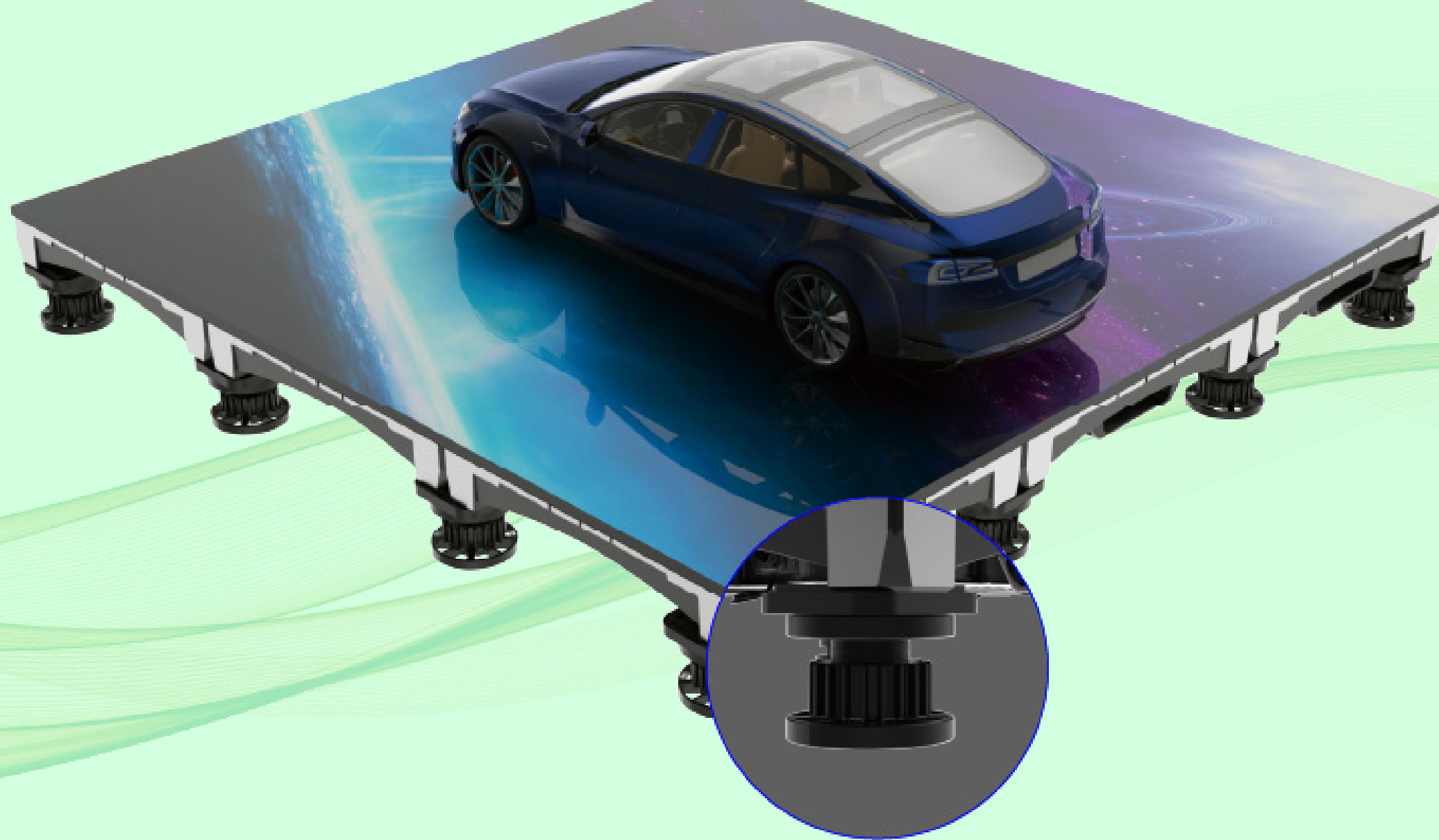


Great Performance

- High Contrast Ratio 8000:1
- High Grey Scale 14~16 bits
- High Refresh Speed: 3840Hz~7680Hz
- High Resolution: P1.2, P1.5, P1.8 Small Pixel Pitches
- High quality materials make perfect display effect.

High Load-Bearing Performance

The LED floor tile screen is designed with anti-slip super PC cover, which can withstand huge pressure without deformation or damage. The bearing weight is over 2000kg/㎡.

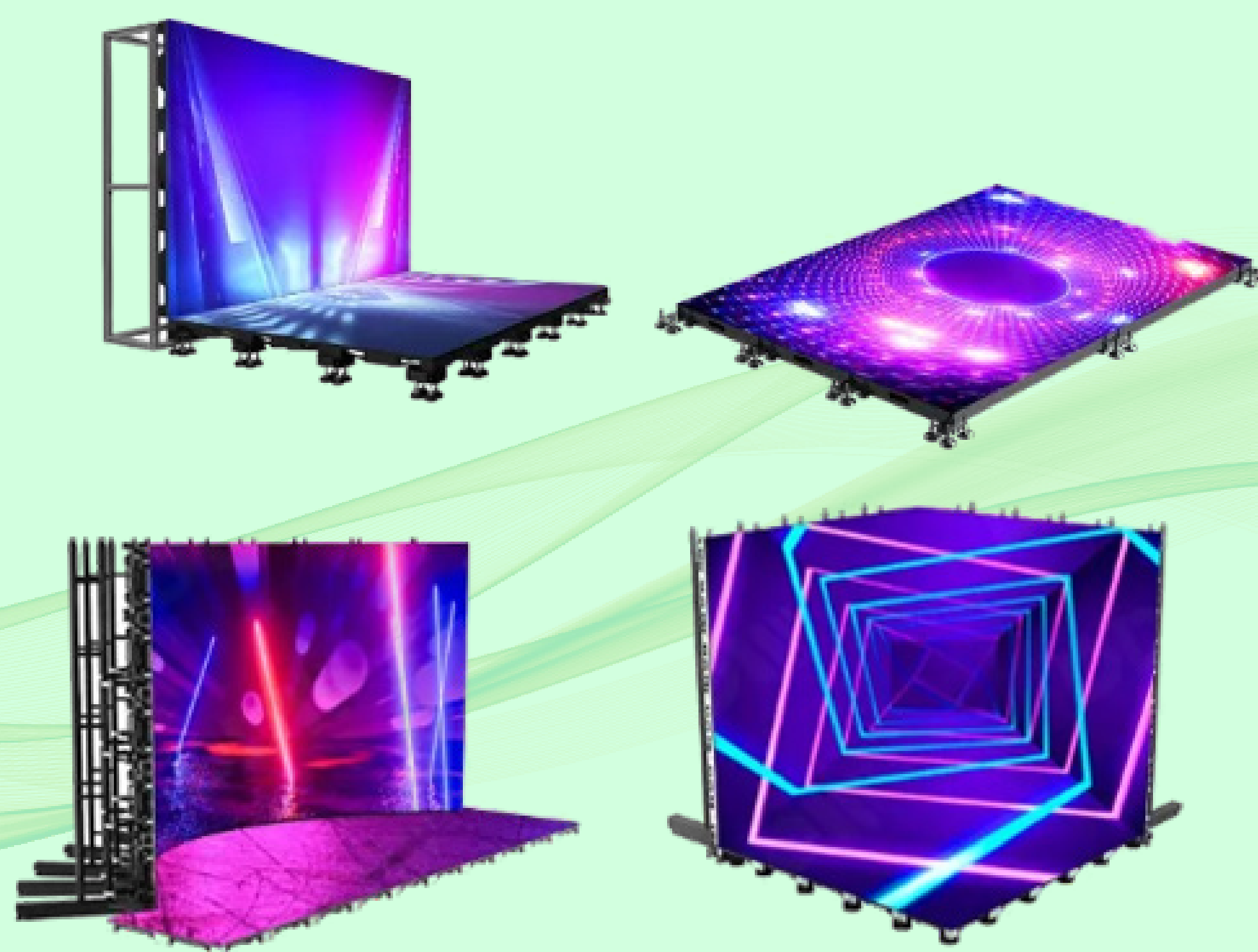


Interactive Intelligent Design

The most impressive feature of interactive dance floor displays is their ability to sense and react to the presence and movements of the audience. It can detect the presence of people and track their movements in real time.

Various installation modes

Put on the floor with base support, stand on the floor with structure, curved shape, fixed on a wall, 3-sided, etc. LEDFUL floor LED display support various installation methods and creative designs.



Parameters

Model	FI1.2-DOB	FI1.5-DOB	FI1.8-DOB	FI1.9-DOB	FI2.5-DOB	FI2.6-DOB	FI2.9-DOB	FI3.9-DOB
Pixel Pitch(mm)	1.25	1.524	1.83	1.95	2.5	2.61	2.97	3.91
Pixel Matrix Per Sq.m	640,000	147,456	112,896	262,144	160,000	147,456	112,896	65,536
Pixel Configuration	DOB	DOB	DOB	DOB	DOB	DOB	DOB	DOB
Brightness (nits)	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000
Scan	1/50	1/40	1/30	1/32	1/32	1/32	1/21	1/16
Module Dimension	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm
Cabinet Dimension	500x500mm							
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Cabinet Weight	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG
Power Con. (W/sqm.)	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W
Service Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
Grey Scale (bit)	16	16	16	16	16	16	16	16
Contrast Ratio	8000:1	8000:1	8000:1	8000:1	8000:1	8000:1	8000:1	8000:1
Viewing Angle (H / V)	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°
IP Rate	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
Operation Temperature	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Operation Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Input Voltage (AC)	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz

* Specifications and photos are subject to change without prior notice.

Model	FI2.5R	FI2.6R	FI2.9R	FI3.9R	FO3.9R	FO4.8R	FO5.2R	FO6.2R
Pixel Pitch(mm)	2.5	2.61	2.97	3.91	3.91	4.81	5.2	6.25
Pixel Matrix Per Sq.m	160,000	147,456	112,896	65,536	65,536	43,264	36,864	16,000
Pixel Configuration	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921
Brightness (nits)	≥2000	≥2000	≥2000	≥2000	≥3000	≥3000	≥3000	≥3000
Scan	1/32	1/32	1/21	1/16	1/16	1/13	1/6	1/10
Module Dimension	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm
Cabinet Dimension	500x500mm							
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Cabinet Weight	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG	11.4KG
Power Con. (W/sqm.)	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W	Max. 800W / Avg.240W
Service Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access	Front Access
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
Grey Scale (bit)	16	16	16	16	16	16	16	16
Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle (H / V)	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°
IP Rate	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
Operation Temperature	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Operation Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Input Voltage (AC)	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz

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