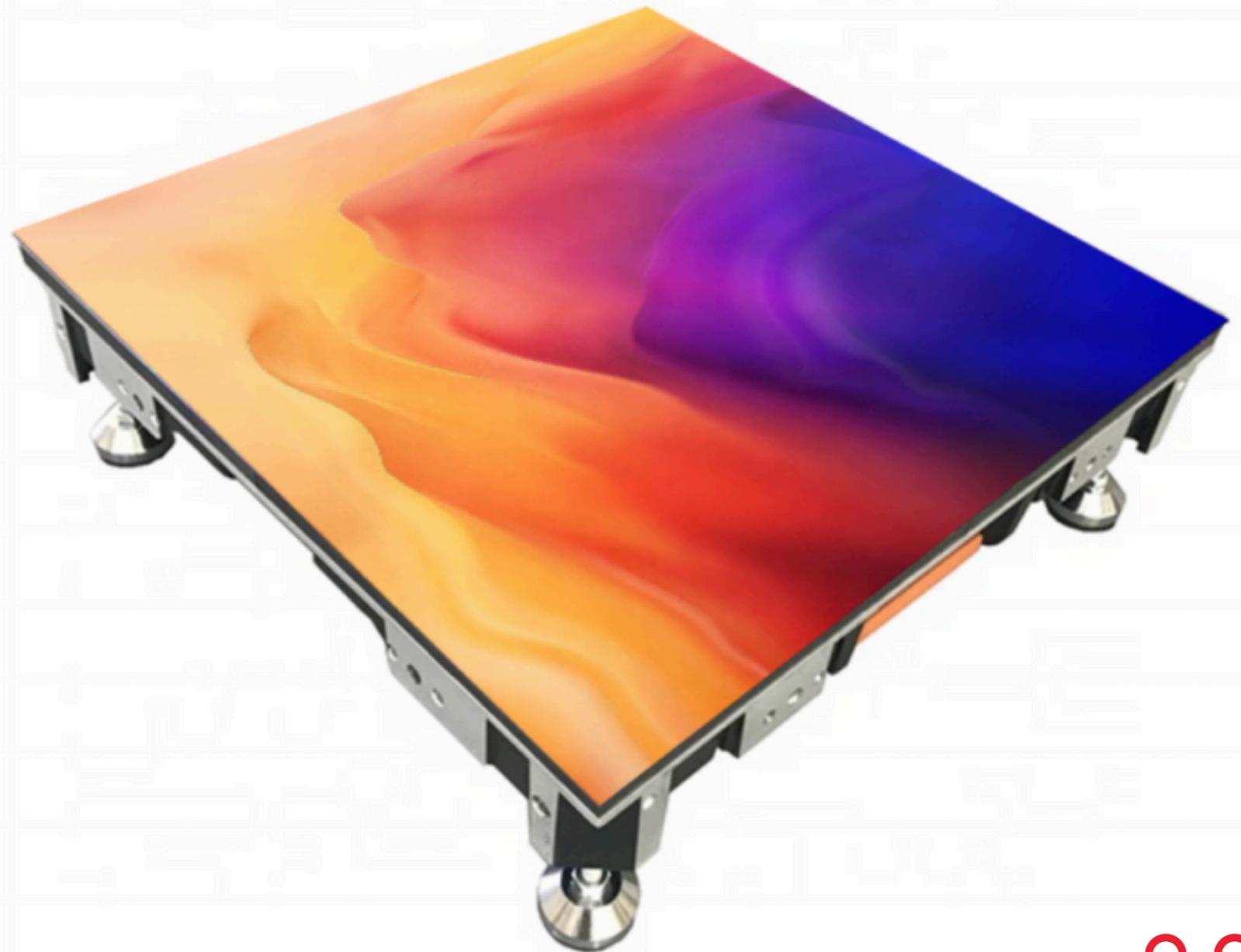




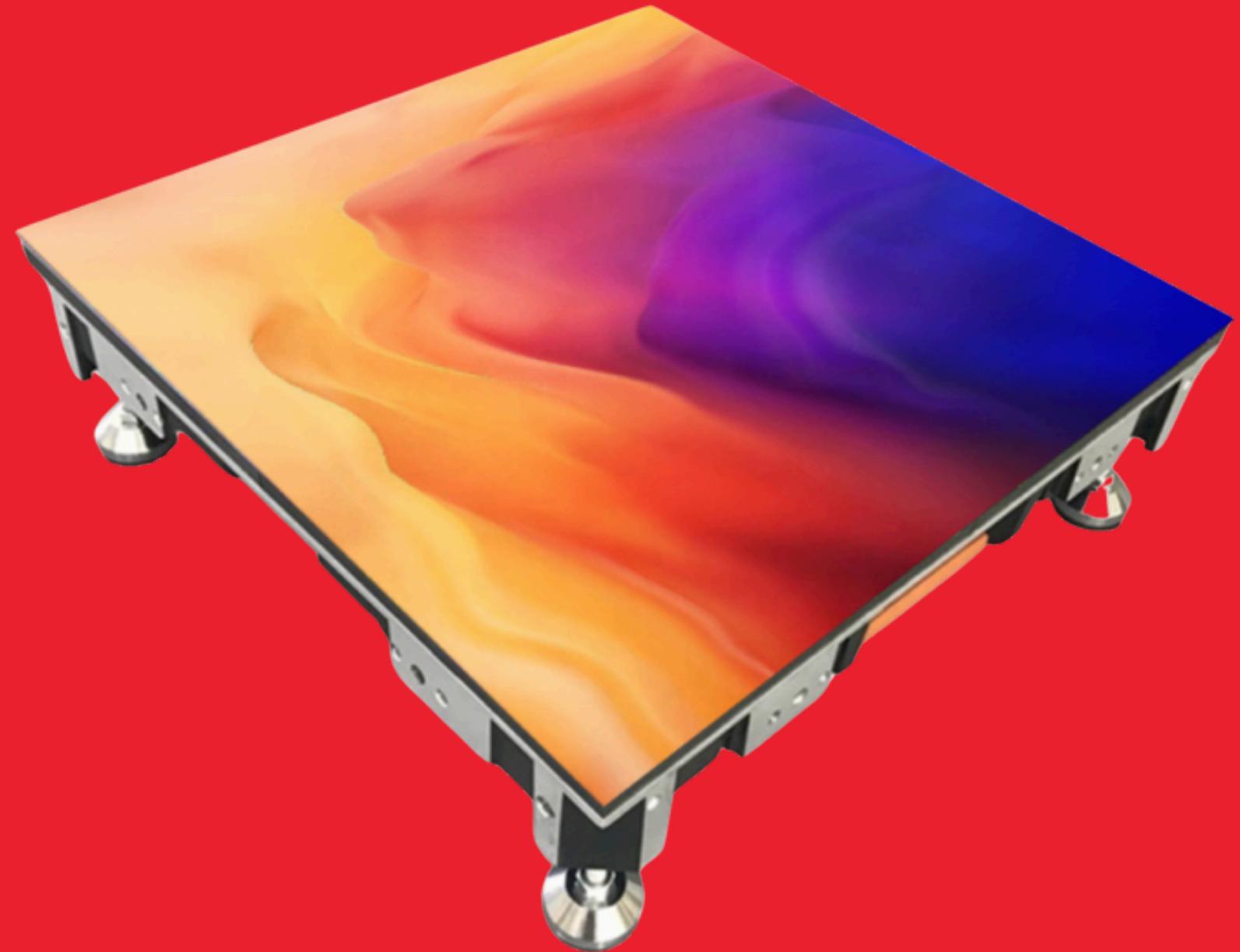
# INTERACTIVE DANCE FLOOR LED DISPLAY





## INTERACTIVE DANCE FLOOR LED DISPLAY

- Pixel Pitch: P2.6 P2.97 P3.91 P4.81 P6.25 mm
- It can bear 2 tons
- Indoor and outdoor dance floor led display screen
- The sensing chip is pasted inside the module, which can track the steps and present a timely picture effect with the human body's activities



# DANCE FLOOR LED DISPLAY SCREEN

## Parameter of product

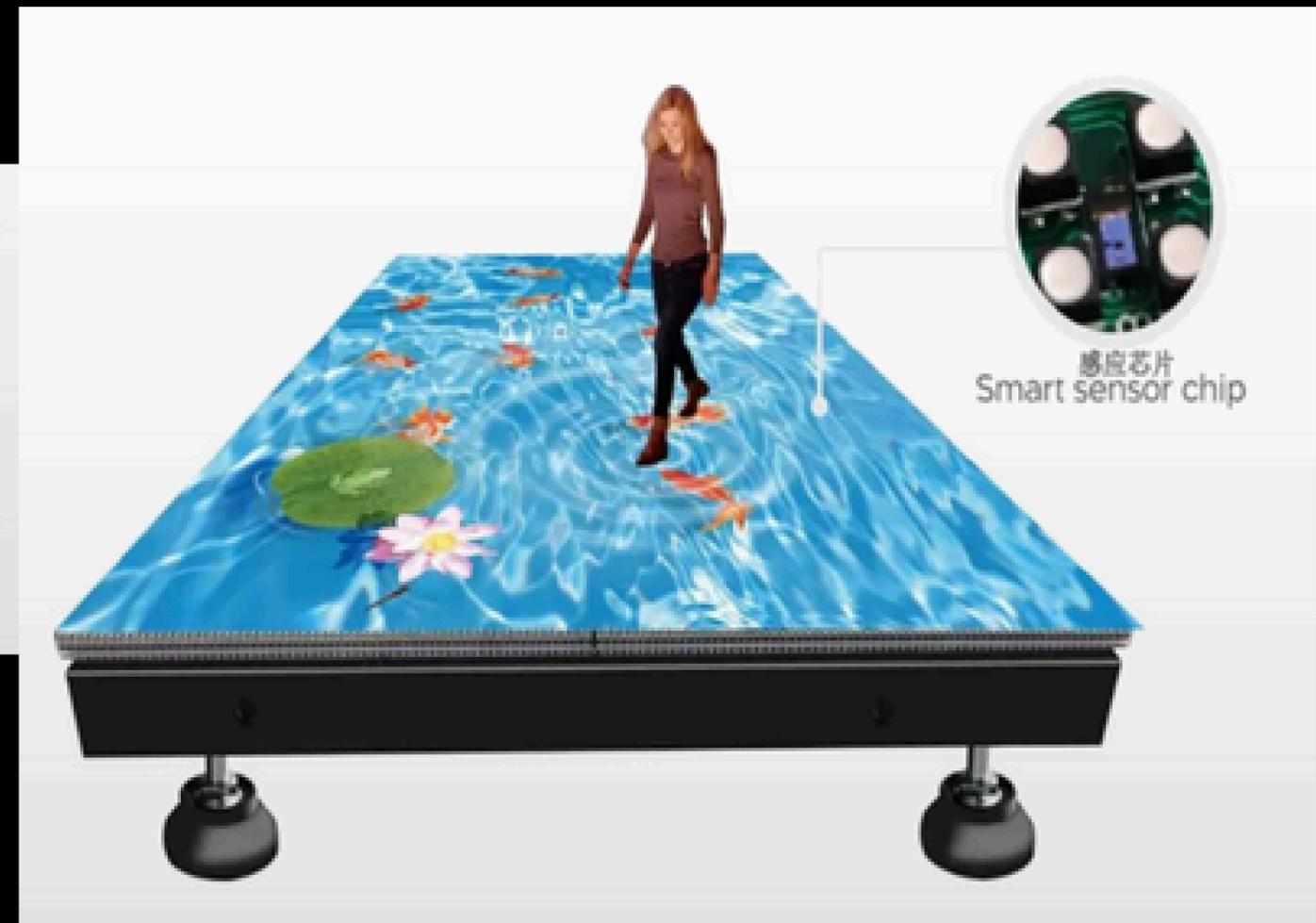
Part	Item	P2.6	P2.6	P2.976	P2.976	P3.91	/P3.91	P4.81	/P4.81	P6.25	/P6.25
Module pixel	Vertical arrange	Vertical arrange		Vertical arrange		Vertical arrange		Vertical arrange		Vertical arrange	
	Pixel pitch	2.6mm		2.976mm		3.91mm		4.81mm		6.25mm	
	Color	1R1G1B ( 3in1 )		1R1G1B ( 3in1 )		1R1G1B ( 3in1 )		1R1G1B ( 3in1 )		1R1G1B ( 3in1 )	
	LED lamp	SMD1415 ( chip proportion3 : 6 : 1 )		SMD1415 ( chip proportion3 : 6 : 1 )		SMD1415 ( chip proportion3 : 6 : 1 )		SMD1921 ( chip proportion3 : 6 : 1 )		SMD1921 ( chip proportion3 : 6 : 1 )	
	Density	147456 dot/m <sup>2</sup>		112896 dot/m <sup>2</sup>		65536 dot/m <sup>2</sup>		43264 dot/m <sup>2</sup>		25600 dot/m <sup>2</sup>	
Module size cabinet size	Module size	250×250(mm)									
	Module resolution	96×96( dot)		84×84( dot)		64×64( dot)		52×52( dot)		40×40( dot)	
	LED LED Drive	( 32 ) Constant current 1/32scan		( 28 ) Constant current 1/28scan		( 16 ) Constant current 1/16scan		( 13 ) Constant current 1/13scan		( 10 ) Constant current 1/10scan	
	Cabinet size	500 ( W ) × 500 ( H ) mm					500 ( W ) × 1000 ( H ) mm				
	Cabinet weight	10KG pcs		10KG/pcs		22KG/pcs		22KG/pcs		22KG/pcs	
	Cabinet thickness	8cm ( include the module thickness )		8cm ( include the module thickness )		8cm ( include the module thickness )		8cm ( include the module thickness )		8cm ( include the module thickness )	
Screen Parameter	Out of control pixel	≤3/100000		≤3/100000		≤3/100000		≤3/100000		≤3/100000	
	Module splicing gap	≤ 2mm		≤ 2mm		≤ 2mm		≤ 2mm		≤ 2mm	
	Best view distance	5-60m		5-60m		5-60m		5-60m		5-60m	
	View angle	140°H/140° , 140°V/140°		140°H/140° , 140°V/140°		140°H/140° , 140°V/140°		140°H/140° , 140°V/140°		140°H/140° , 140°V/140°	
	Screen flatness	≤ 2mm		≤ 2mm		≤ 2mm		≤ 2mm		≤ 2mm	
	Ink color screen	No reflection		No reflection		No reflection		No reflection		No reflection	
	Brightness uniformity	uniformity1 : 1		uniformity1 : 1		uniformity1 : 1		uniformity1 : 1		uniformity1 : 1	
Current Supply	Usage	Indoor and Outdoor		Indoor and Outdoor		Indoor and Outdoor		Indoor and Outdoor		Indoor and Outdoor	
	Humidity	10% 90% RH		10% 90% RH		10% 90% RH		10% 90% RH		10% 90% RH	
	Temperature	-20 65 °C		-20 65 °C		-20 65 °C		-20 65 °C		-20 65 °C	
	Max consumption	800W/m <sup>2</sup>		800W/m <sup>2</sup>		800W/m <sup>2</sup>		800W/m <sup>2</sup>		800W/m <sup>2</sup>	
	Average consumption	480W/m <sup>2</sup>		480W/m <sup>2</sup>		480W/m <sup>2</sup>		400W/m <sup>2</sup>		350W/m <sup>2</sup>	

# PRODUCT TYPE

1.The sensing chip is pasted inside the module, which can track the steps and present a timely picture effect with the human body's activities.

2.Fast sensing and high accuracy, 360° no dead angle, no blind area, and no need to add radar.

3.It can achieve multi-touch and not affected by external factors, the sensing speed reaches 0.14s with high sensitivity . Each module has 8 sensing chip





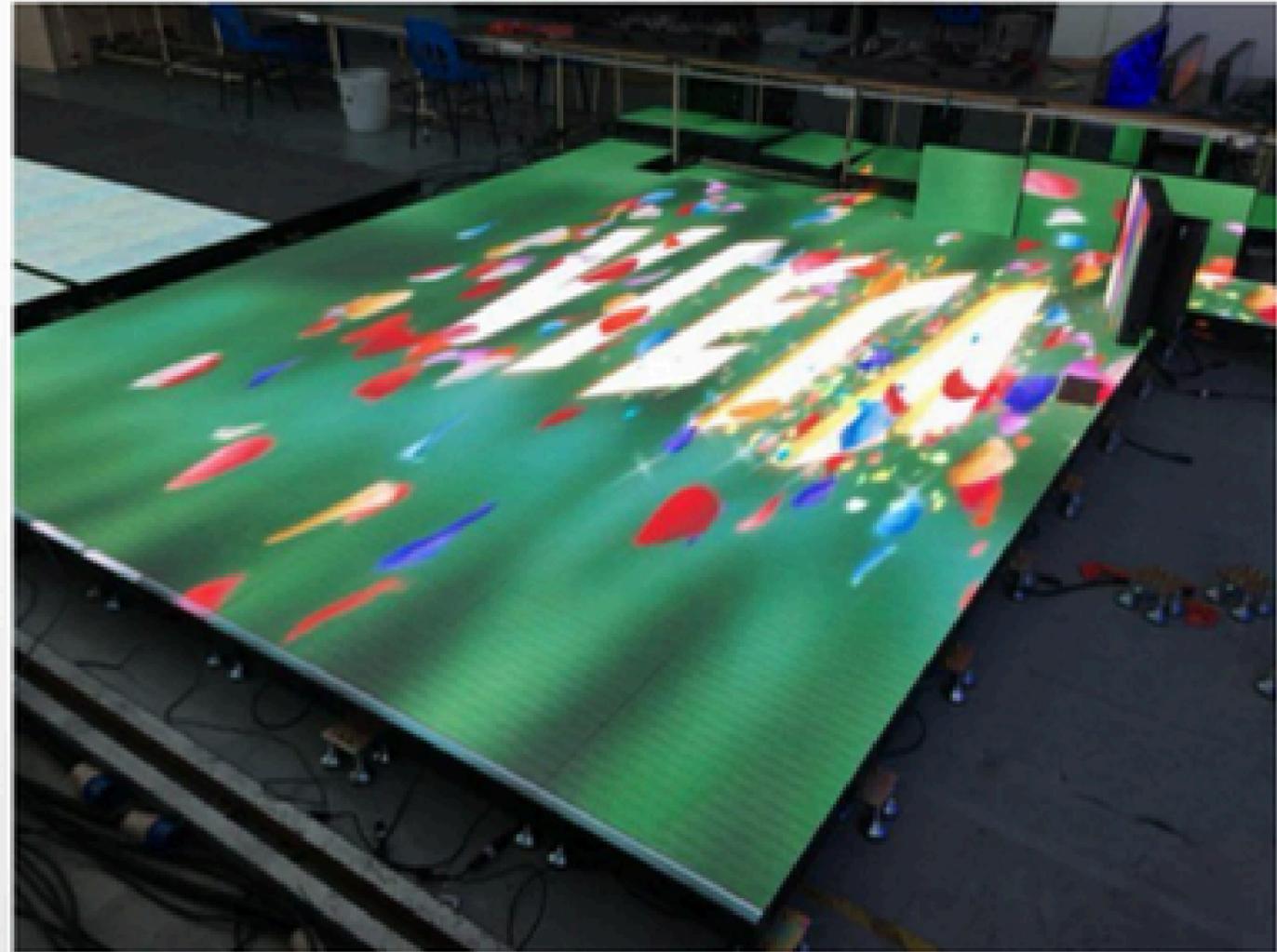
**1.Easy operation, four point quick calibration, no need install any plug-ins and can multi-touch on the irregular plane**

**2.Radar 270° fan-shaped diffusion scanning, support the radius of 7 meters, 10 meters, 15 meters, 25 meters and other types , the projection medium is normal led screen or dance floor led screen.The radar can be cascaded to cover a larger area, sensing speed 0.5s**

**3.Disadvantage is the sensing speed and sensitivity will be affected by light and obstructions**

## LED DANCE FLOOR SCREEN

Only play regular advertising pictures and video text,etc, if need interactive effects you must add peripherals(radar) to achieve interactive effects



## CABINET INTRODUCTION



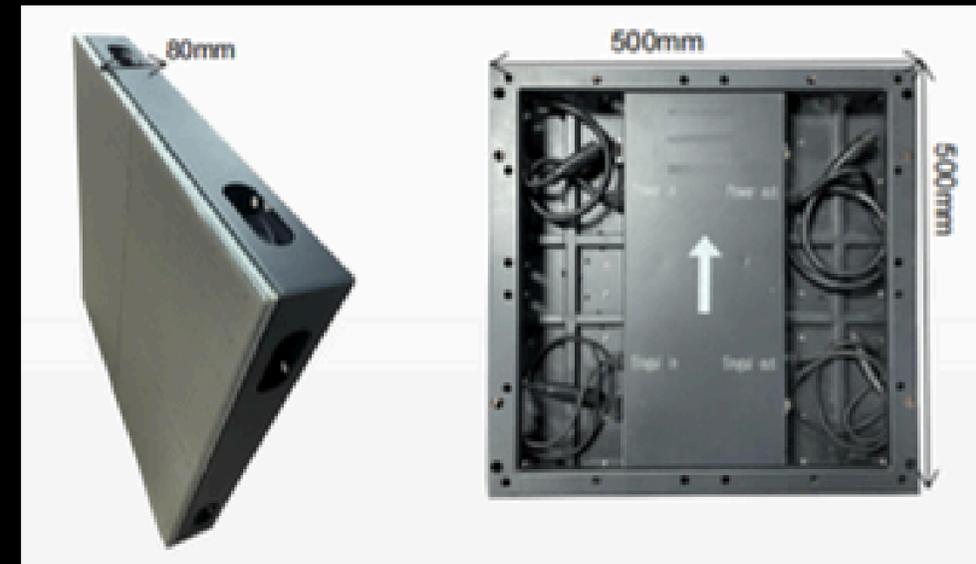
### Cabinet type:

Slab reinforcement iron cabinet, aluminum plat cabinet

500x500mm/500x1000mm

Detail of cabinet :

- 1) The rear cover is made of aluminum plate, with better heat dissipation performance
- 2) Double-layer plate reinforcement, through-type stiffener with stronger load-bearing
- 3) Aviation plug power use International pure copper wire rod, aviation plug signal use CAT6 cable
- 4) Use immersion three-proofing paint to prevent moisture and oxidation



### Aviation plug power

International pure copper wire rod, pin butt joint design, waterproof and anti-falling



### Aviation plug signal

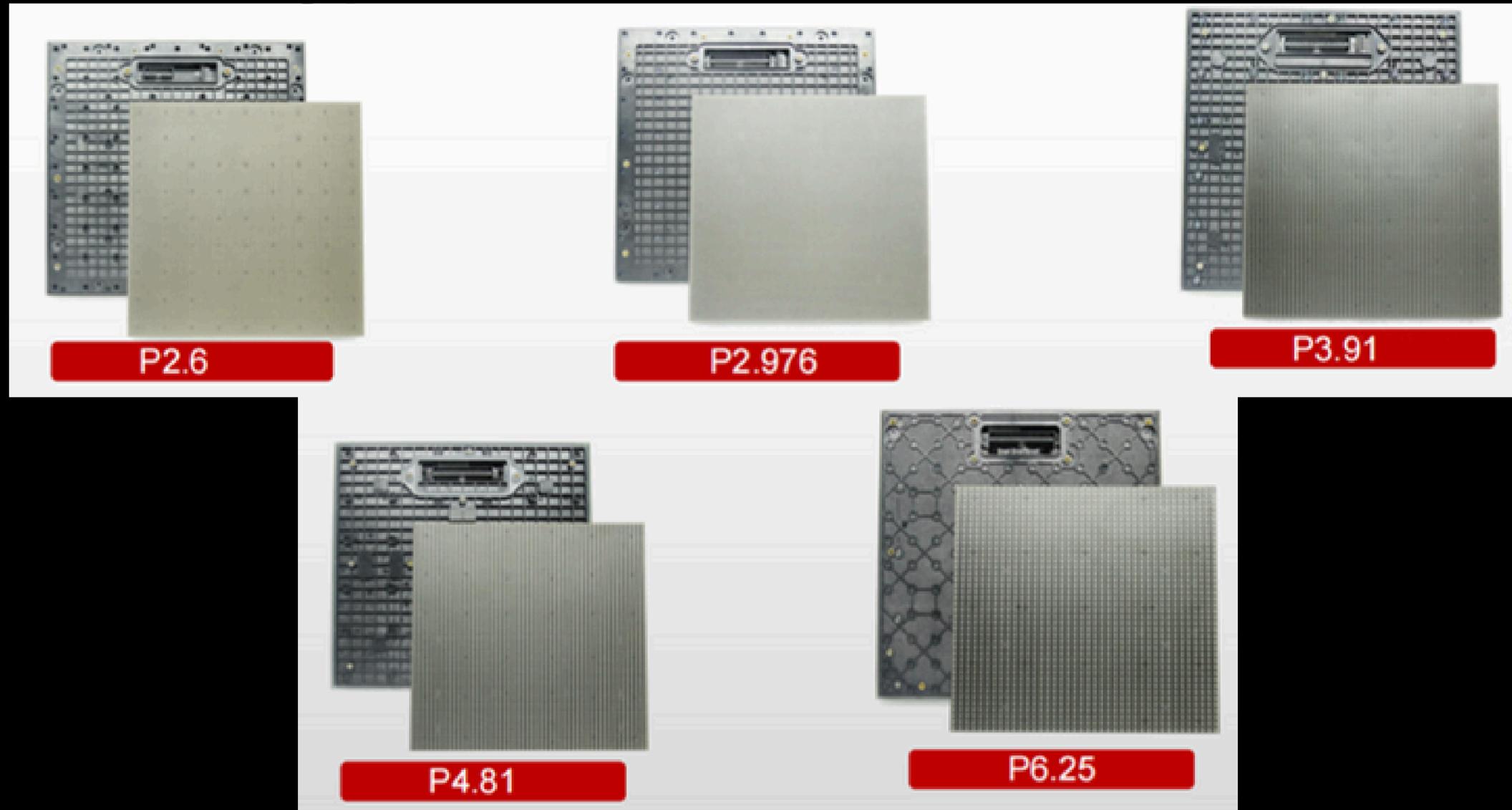
CAT6 cable, pin butt joint design, waterproof and anti-falling



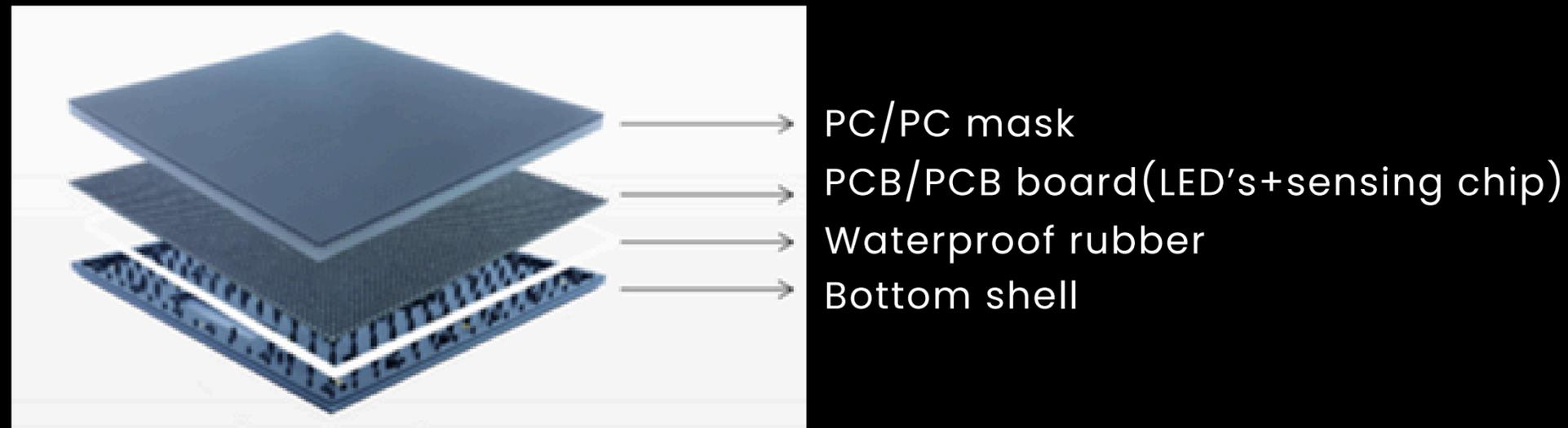
### Ground support

120-150mm, Foot cup thread mouth design, adjustable height within 120-150 mm, slotting design and more convenient installation

# TYPE OF MODULE



## Detail of the module



### Product feature:

- 1) PC: The mask is made of high-density alkaline PC material, the surface is treated with frosting technology, anti-skid and anti-dazzle.
- 2) Professional anti-scratch mask design can make the screen be used for a long time
- 3) Adopt advanced glue filling technology and with waterproof rubber to achieve perfect rustproof, shockproof and waterproof
- 4) UV resistance technology which can maintain the primary color after years of sun exposure

### Attention :

- 1) Avoid direct contact between the screen and chemical substances(such as alcohol, sulphuric acid, cigarette butts, open fire etc.)
- 2) Stacked screens shall not be in direct contact with the cement floor
- 3) Do not use sharp objects to depict and hit the screen
- 4) Clean the screen with clean water, sponge or soft cloth (if there is any stain, clean it with neutral detergent and then wipe it with clean water

# Accessories



receiving card



power supply



card board



aluminum power box



aviation plug power cable



aviation plug signal cable



flat cable



5V  
5V data cable



ground  
support

## Testing of load-bearing

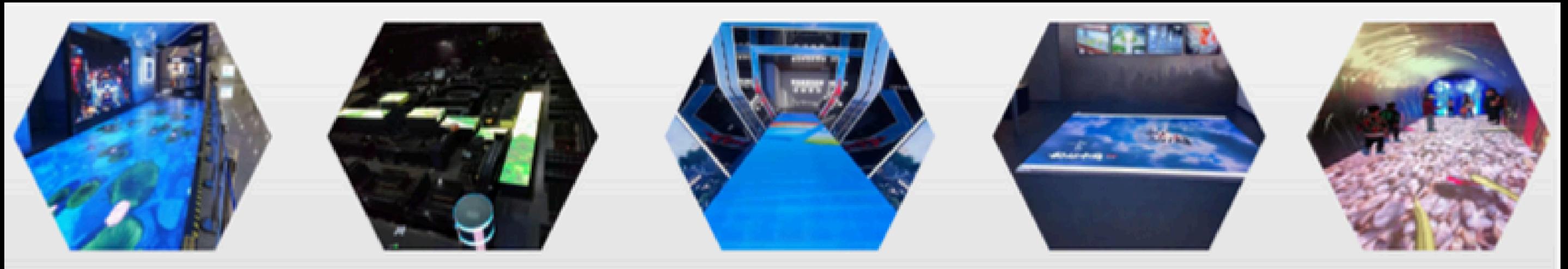
- 可承重两吨 It can bear two tons



# Application

**Dance floor led screen application field :**

**Shopping mall, Stage performance, Bar disco, Museum, Exhibition hall, Celebrations,  
Scenic plank road, etc entertainment**



## Application case



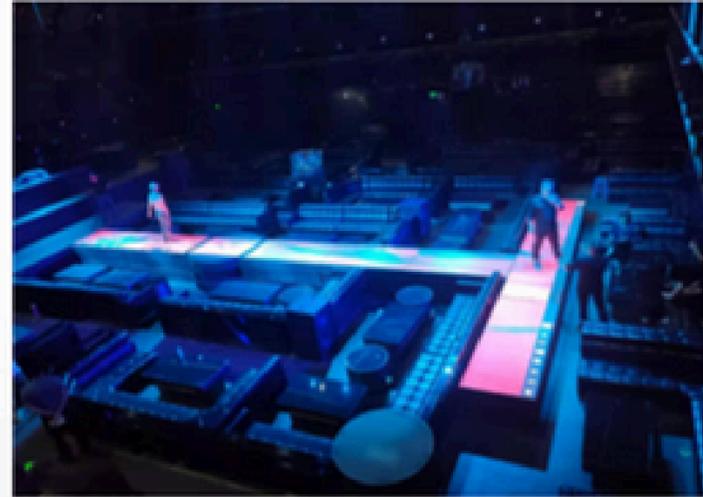
83.5m<sup>2</sup> P2.976 indoor interactive led floor screen in baodin,Hebei Province



20m<sup>2</sup> P3.91 normal floor led screen for museum in Henan Province



65m<sup>2</sup> P3.91 indoor intelligence interactive floor led screen for shopping mall in Hunan Province



20m<sup>2</sup> P4.81 indoor intelligence interactive floor led screen for bar in Xiamen Province



425m<sup>2</sup> P6.25 outdoor intelligence interactive floor led screen for park in Sichuan Province



100m<sup>2</sup> P3.91 normal floor led screen for real estate sand table in Zhonshan, Guangdong province