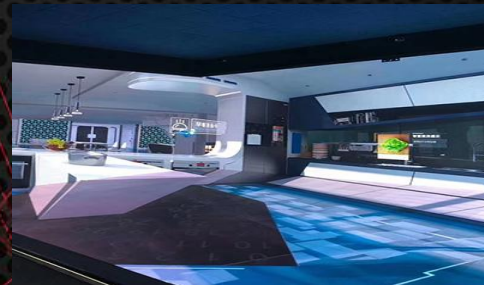
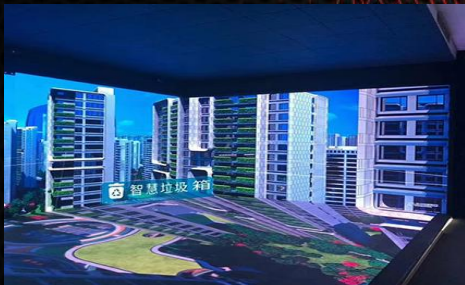


# Intelligent sensing interactive LED floor display



# Implementation of Interaction Principle

Principle diagram of implementing LED interactive Displays: The specially processed playback video source is first controlled by the LED display screen to play through the special playback software in the computer, and the DVI/HDMI signal output is connected to the main controller of video signal processing through signal cables. Then, it is connected to the signal distributor through fiber optic or network cables to allocate and display the complete playback screen. When the LED interactive tile screen interacts with the audience, the position sensor on the tile screen detects the interaction point of the interactive audience. The positioning controller of the tile screen then sends the position coordinate information of this interaction point back to the LED interactive tile screen control computer. After the control computer receives the position coordinate information, the control software can transmit it back to the LED interactive tile screen control computer based on the received coordinate information. After the control computer receives the position coordinate information, the control software can call different program files and video files for playback based on the received coordinate information. The image displayed on the LED interactive tile screen undergoes corresponding real-time changes, achieving a real-time interactive effect.



# Product Introduction



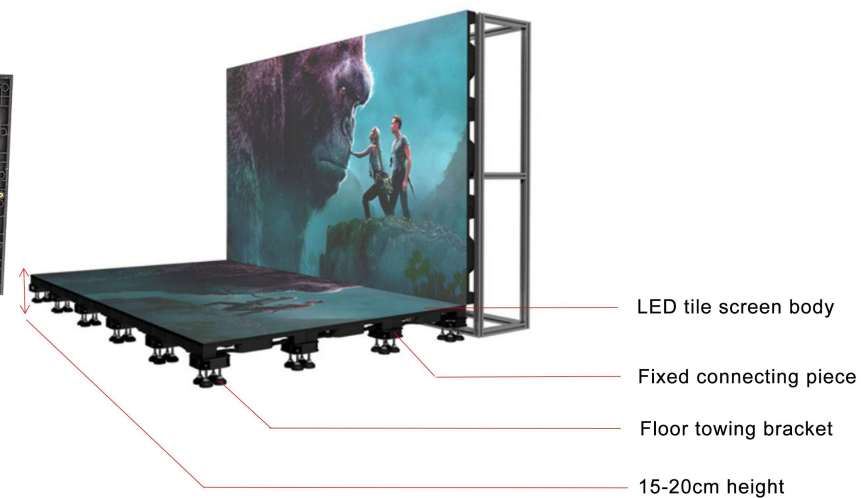
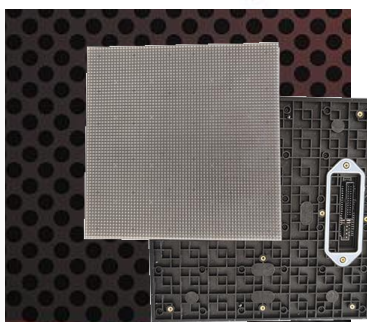
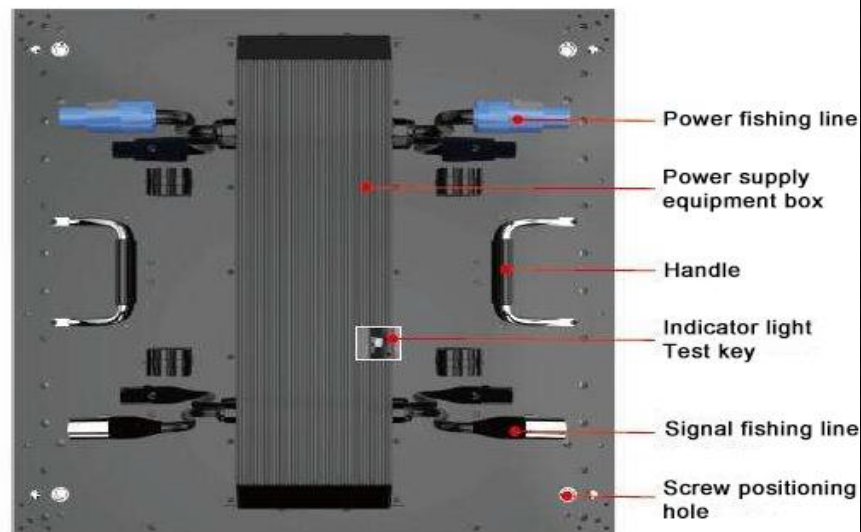
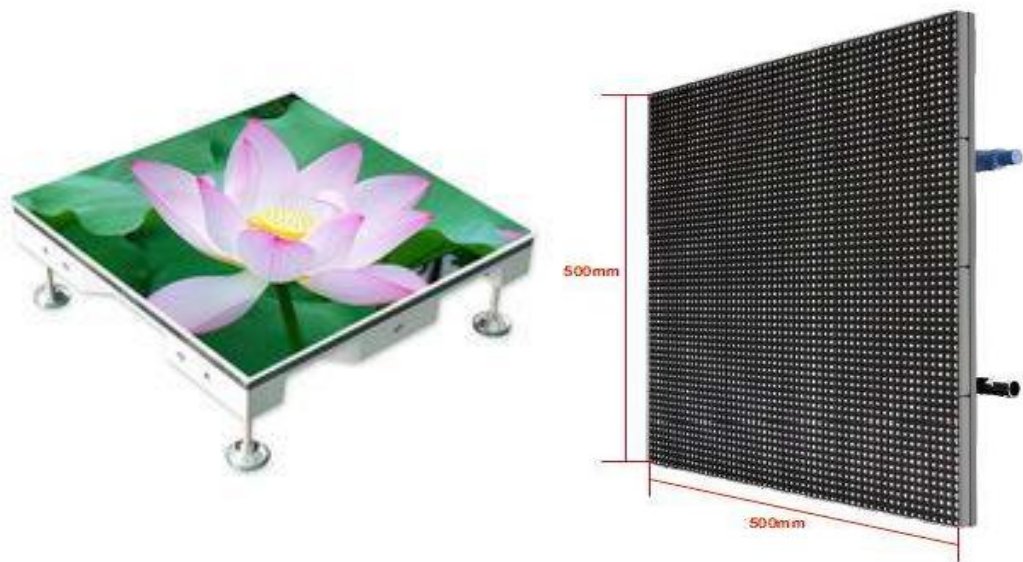
## The characteristics of LED floor display

1. Rail installation: flexible method, no need for any tools to assist, faster and smoother
2. Load bearing performance: Solid aluminum plate material structure design, lighter weight, stronger load-bearing capacity, 2.0T/m
- 3 High security performance: IP65 protection level
4. Heat dissipation function: Aluminum alloy material box, quick heat dissipation
- 5 High contrast: patented technology mask, higher image contrast, clear playback effect
- 6 High quality craftsmanship: The aluminum box structure is light, thin, and dense, providing greater space for creativity
7. Box thickness: The surface thickness of the screen is  $\approx 8\text{cm}$ , which can be adjusted from 13-20cm after installation
- 8 ultra wide viewing angles:  $140^\circ$ , full angle viewing, providing a great visual experience
- High refresh rate and ultra clear display, with clear and natural colors without any glare
- 9 playback: PC syncs peer-to-peer playback, allowing for arbitrary switching of images and videos

MODEL	PIXEL PITCH mm	PIXEL DENSITY /m <sup>2</sup>	MODULE RESOLUTION DOT/LENGTH * WIDTH	BRIGHTNESS cd/m <sup>2</sup>	MODULE SIZE mm	PEAK POWER m <sup>2</sup> /w	AVERAGE POWER m <sup>2</sup> /w	PACKAGING METHOD SMD
P2.5	2.5	160000	100*100	3000	250*250	800	300	1415
P2.976	2.976	112896	84*84	1600-2000	250*250	800	300	1415
P3.91	3.91	65536	64*64	1800-2500	250*250	800	300	1415



NICE VISION  
奈斯视讯



High strength aluminum alloy cabinet series

# High strength sheet metal iron cabinet series

## Minimalist and fast installation

Without the help of tools, the guide rails were directly laid on site, and the positioning pins were aligned for installation



DIN-Rail Mounting

13-17cm  
adjustable



Foundation installation

# Installation method

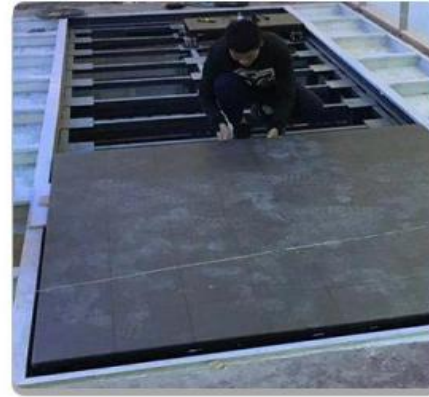
## Foundation installation method



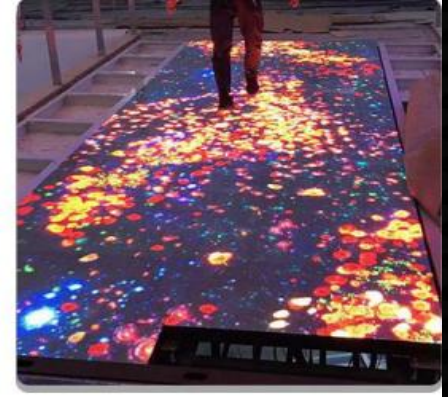
steel structure



Placing footings



Screen installation



Screen debugging

## Rail installation method



steel structure



Fixed guide rail



Screen installation

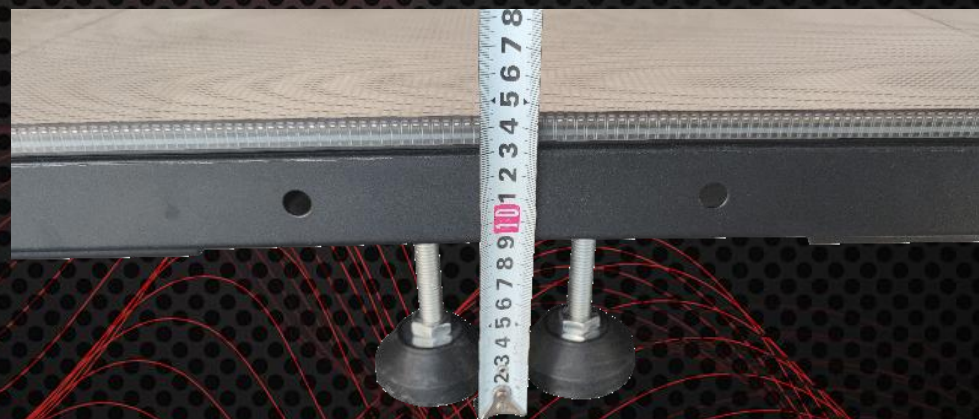
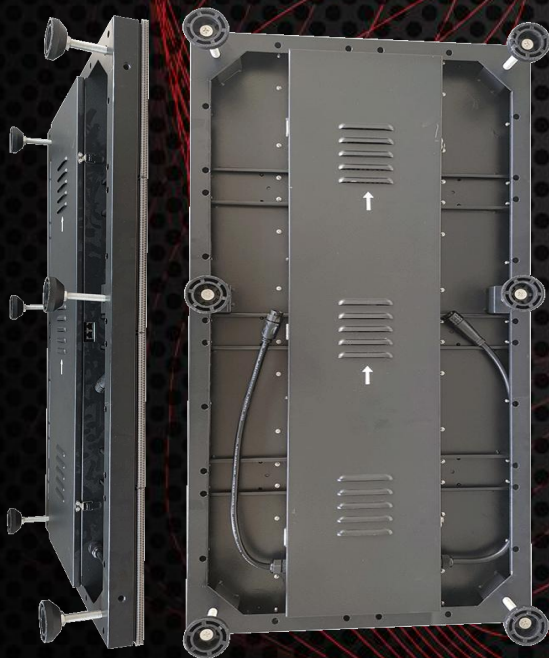


Screen debugging

The installation method of LED tile screens can be selected according to the actual on-site environment. They can be directly laid on the ground or welded to steel structures for installation. When laying directly on the ground, the ground must be hardened and soft ground is not feasible.

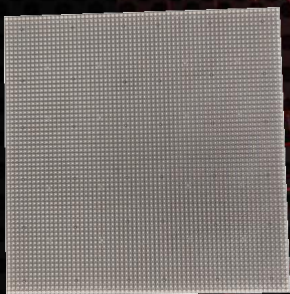


Installation plan for  
foot cup and floor mop  
Load capacity up to 2 tons

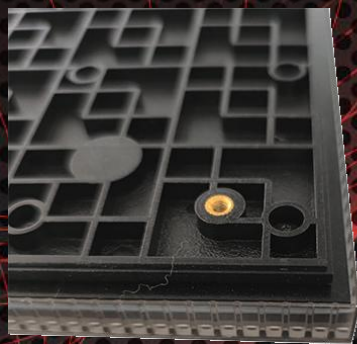


Foot cup installation plan  
Easy and fast installation  
Load bearing capacity of  
1.5T

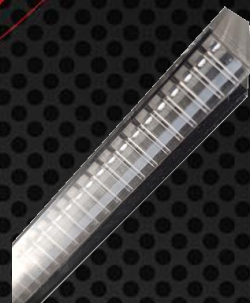
# Product details



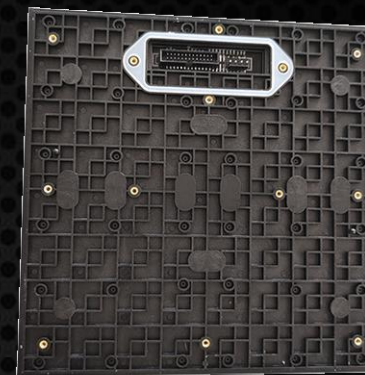
Module front



Screw the back Waterproof, moisture-proof, dustproof



Around the module Waterproof Rubber Ring



Module Back View Structure  
Uniform layout of load-bearing support points

V  
S

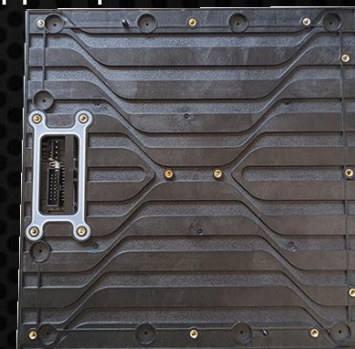
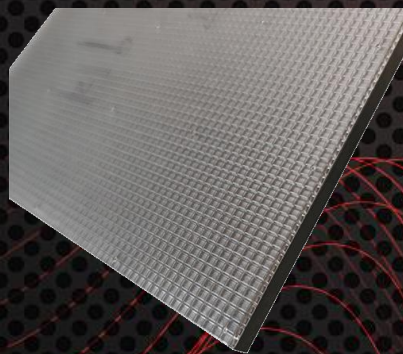
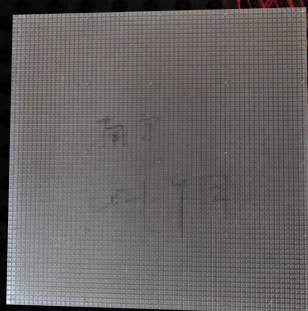
Common module

Screw on the front Not waterproof, not moisture-proof, not dustproof

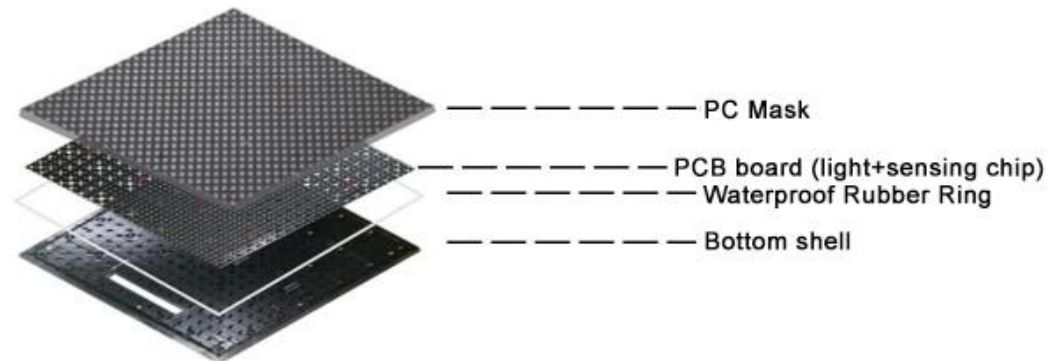
Around the module No waterproof rubber ring

Back structure of the common mold module  
Uneven layout of load-bearing support points

Male



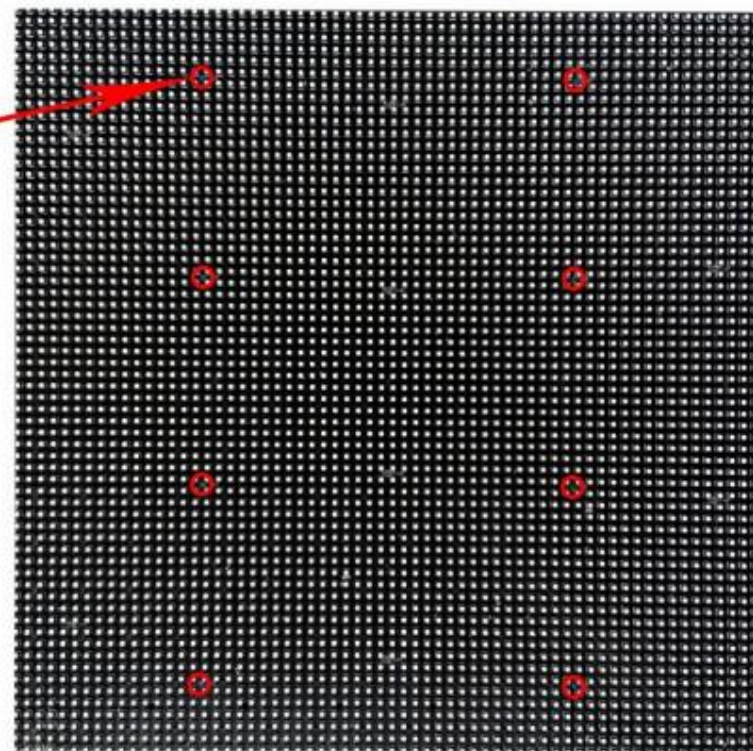
### Module details



The induction chip is located on the front of the lamp board



- Can instantly touch and sense, achieving interactive sensing effect
- Ensure consistency in the appearance of the lamp panel and prevent false soldering
- No need for external connectors, ensuring the stability of induction and not easily damaged





Not afraid of high  
heels



High strength  
compressive  
strength



# Application area



L-shaped exhibition hall



Large shopping malls



KTV BAR

Application scope:  
Commercial real estate,  
tourist attractions,  
fashionable KTV bars,  
hotels, exhibition halls,  
stage parties, wedding  
celebrations.



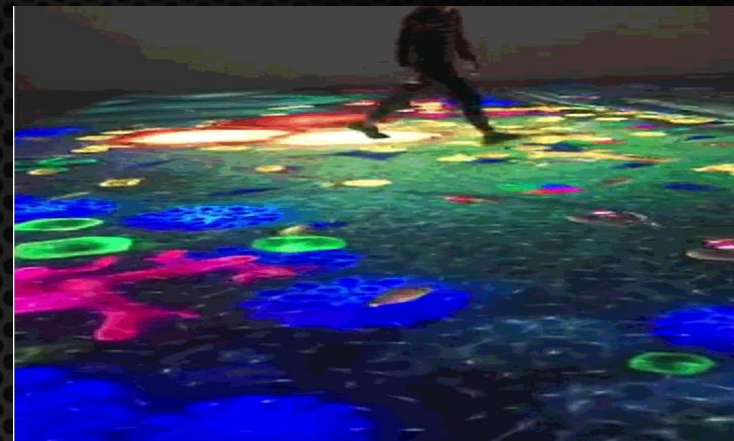
Wedding corridor



Science Corridor



sales center



Ocean Museum



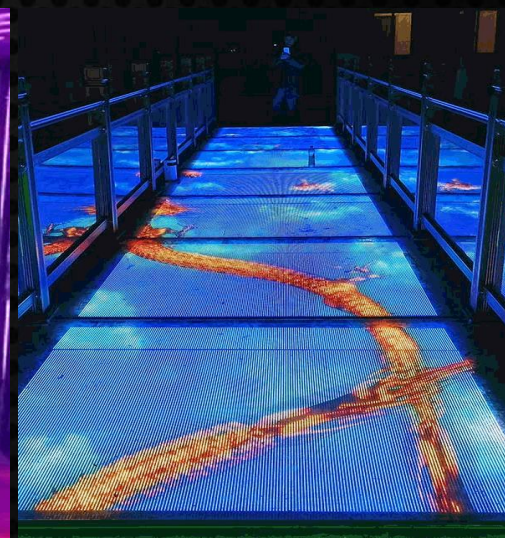
Technology Exhibition Hall



Training institutions



Office building lobby



Scenic Corridor

# Immersive Field



Food City Entrance



Hotel lobby

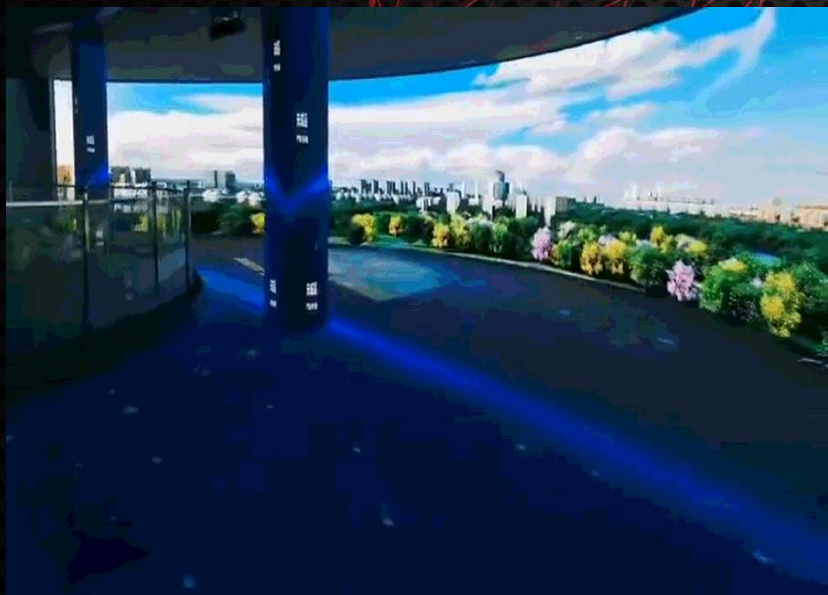


hot spring hotel

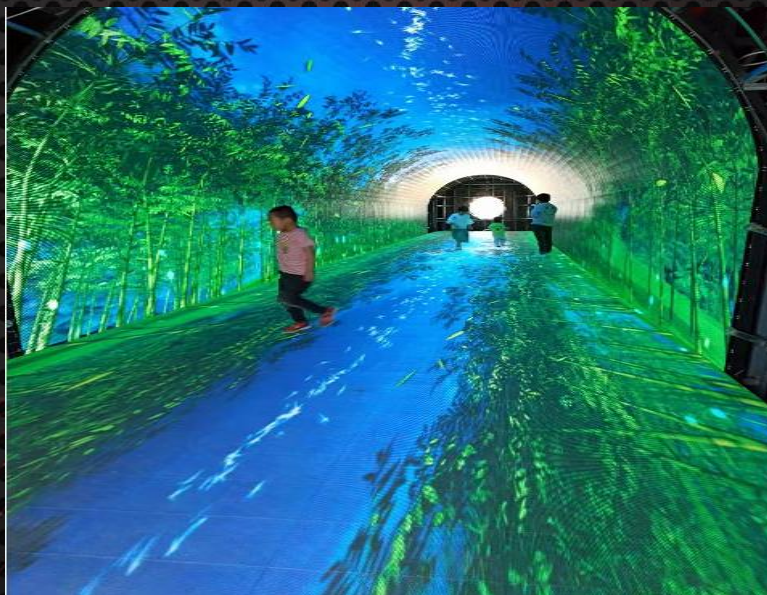


Sports equipment store

The enormous effect of LED interactive tile screens in stage performances has been fully utilized, with live broadcasts, exciting scenes, slow motion replays, close-up shots, and the creation of special background environments. The artistic conception of the performance is maximized, and realistic visuals are perfectly combined with stunning music to create a grand and modern scene; The ultra large and clear live game footage provides an immersive audio-visual feast. The LED interactive tile screen is a novel digital display device specially designed for indoor exhibition halls, stages, evening parties, and other usage environments.



Planning Office



LED Time Tunnel



Urban Planning Museum



Professional Display  
Illuminating the Visionary World