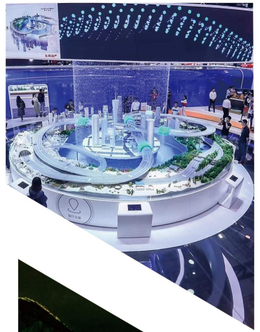
OLFUN

fun for all

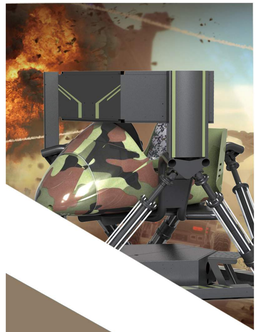
Industrial Application

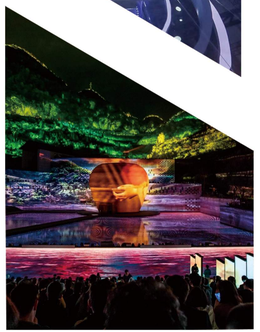
Display and Demonstration



Application of Simulated Driving Test

Military Industry /
Medical Treatment / Education



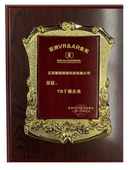


Cultural Tourism Scenic Spot

VR LBE Center

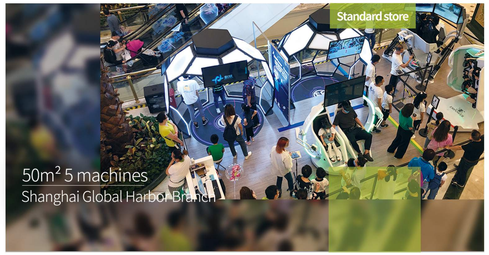
Science and Technology Museum

Certificates



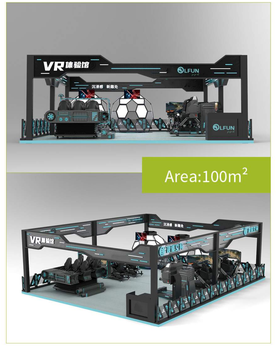
Direct operation case

Shop positioning	Store Features	Store Area	Store Rent	Adviced Equipment	Equipment Cost	Monthly revenue	Monthly net profit	Cost recovery cycle
multi-path stores, popular commercial complex	Small shops with high flexibility	28m²	￥10000 per month	Wild Racer Racing Simulator VR360 VR Cinema Duo VR Space Pod	￥226678	Monthly revenue around ￥65000	**Monthly net profit around ￥26250**	**Cost recovery cycle 8~10 Month**



Shop positioning	Store Features	Store Area	Store Rent	Adviced Equipment	Equipment Cost	Monthly revenue	Monthly net profit	Cost recovery cycle
multi-path stores, popular commercial complex	Large store Higher User stickiness	50m²	￥30000 per month	Wild Racer Six Dof Racing Simulator VR360 VR Cinema Duo VR Space Pod*2	￥316965	Monthly revenue around ￥130000	**Monthly net profit around ￥60000**	**Cost recovery cycle 4~5 Month**

「VR EMpower Space」 Small-Medium LBE cases



The offline brand "EMPower Space" has successfully opened a number of immersive experience stores in Jiangsu, Zhejiang and Shanghai, with a monthly turnover of about 100000 yuan. This operation mode has the advantages of small area, low cost and flexible operation, which makes the scheme more suitable for small and medium-sized investors. Cooperation mode flexible and diverse one-stop help policy, multi-category arbitrary collocation, one-click replication of successful experience, worry-free operation to open a store.

Joint venture support

01 value-added service
- *Managed operation

02 Entrepreneurial support
- *Selective evaluation
- *Store opening support
- *Decoration scheme
- *Business circle evaluation

03 Operation service
- * Chain operation
- * Operation guidance
- * Cashier system

04 Operational support
- * Year-round event planning
- * Online promotion
- * Promotion of tournament activities

05 Technical support
- * Support door-to-door installation
- * Exclusive after-sales support
- * Game software update

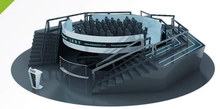
06 Training support
- * Business training
- * Management training
- * Service training

07 Brand support
- * Brand authorization
- * Regional franchise authorization
- * Regional brand protection

Wild Racer

6 Dof Racing Simulator

360 VR Simulator(Double)



5G Flying Cinema

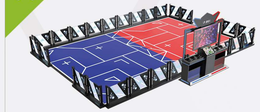
5G Flying Cinema(12 Seater)

Landspeeder

VR Space Pod

Gemini

Dark Ride



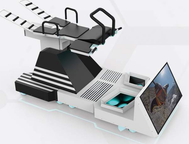
X Mission

VR Pod

VR Cinema Duo

VR360 Double(Standard)

VR 360 Solo(Classic)



VR Wingsuit Flying

VR Surfing

GT Racing

Mini Simulator

Live Racer

Driving Test Simulator

Flying Cinema

Moving orbit projector system

Cinemas

Natural disaster Science Museum

WILD RACER

Wild Racer, using intelligent AI scheme combined with dynamic control technology, with three degrees of freedom dynamic platform, 43 'high-definition explosion-proof display screen make you feel like you are in the game, stands out from other similar competitors. It creates strong and real connect with the game, bring unprecedented immersive experience to players!

Product Parameter/Config

Game type	Size	Display
Racing Game	2500*1900*1900mm	43inch explosion-proof HD
Seat	**Game amount**	**Steering Wheel**
Racing Seat	3+	T300RS Logitech G29/Thrustmaster T300RS
Electric Cylinders		
inner Diameter of Cylinder : 80mm	Length : 975mm	Stroke/Trip : 1475mm
Weight	**Power Requirements**	**Occupated floor Area**
700kg	220V/4800W	2600*2600*2000mm

3 Dof Servo Cylinder

Racing Seat

Logitech Racing Steering Wheel

6 DOF
RACING SIMULATOR

Luxury version of the six-axis racing simulator, using intelligent AI scheme combined with dynamic control technology, with six degrees of freedom dynamic platform, 43 'high-definition explosion-proof display screen make you feel like you are in the game, stands out from other similar competitors. It creates strong and real connect with the game, bring unprecedented immersive experience to players!

Product Parameter/Config

Game type Racing Game	Size 2350*2350*1820mm	Display 43inch explosion-proof HD
Seat Racing Seat	Game amount 3+	Steering Wheel Logitech G29/Thrustmaster T300RS
Electric Cylinders inner Diameter of Cylinder :180mm	Length : 1100mm	Stroke/Trip :1500mm
Weight 700kg	Power Requirements 220V/8000W	Occupated floor Area 2700*2700*2170mm

6 Dof Servo Cylinder

Racing Seat

Thrustmaster Racing Steering Wheel

360 VR SIMULATOR (DOUBLE)

360 ° free passive / active rotation platform, a variety of motion posture modes: rise and fall, tilt, sway, jitter, mid-air rotation, up to 30 popular roller coaster maps, VR Display with thrilling movement, make you feel like on a real rollercoaster.

Product Parameter/Config

Game type Roller Coaster Simulator	**Size** 2680*1720*2220mm	**Seat** PU leather
NO. of Player Ddouble	**Weight** 650kg	**Load capacity** 220kg
Game amount 20+	**Power Requirements** 220V/5300W	**Occupated floor Area** 2680*1720*2220mm

Muti-demensional Platform

Variety of Content

Strong Control System

360 VR SIMULATOR (DOUBLE)

360 ° free passive / active rotation platform, a variety of motion posture modes: rise and fall, tilt, sway, jitter, mid-air rotation, up to 30 popular roller coaster maps, VR Display with thrilling movement, make you feel like on a real rollercoaster.

Product Parameter/Config

Game type Roller Coaster Simulator	**Size** 2600*1720*2720mm	**Seat** PU leather
No. of Players Double	**Weight** 500kg	**Load capacity** 150kg
Game amount 20+	**Power Requirements** 220V/4000W	**Occupated floor Area** 2600*1600*2720mm

Standard and Classic

Rollercoaster Safety devices

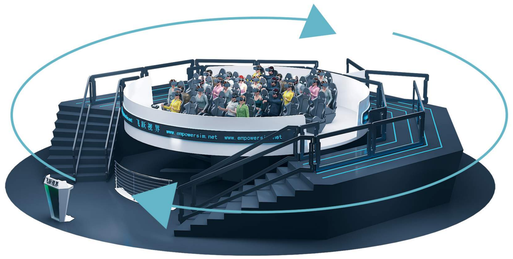
From Visual to somatosensory

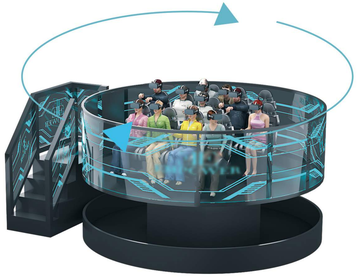
5G FLYING CINEMA

Our independently developed 5G "Flying Cinema" theme project consists of a 360 °immersive VR cinema and a multi-degree-of-freedom parallel structure motion platform. When the audience puts on the VR head display, with the change of the content, they can feel a variety of synchronous special effects such as impact, vibration, rise and fall, tilt and so on in real time, creating a thrilling experience consistent with the content of the film. Compared with other types of cinemas, it has the characteristics of prominent theme, high scientific and technological content, realistic effect, strong entertainment and so on.

Product Parameter/Config

Game	Size	No. of Players
Thrilling/Science Fiction/Virtual Roaming	7*7*2.68m	32 /12
Weight	**Load capacity**	**Game amount**
5.8T	4800kg	5+
Power Requirements	**Occupated floor Area**	
380V/30KW	10*10*4.5m	





360 degree rotation 32 person Ver

360 degree rotation 12 person Ver.

5G VR Theater

360° Ring Screen Theater

Earthquake experience Hall

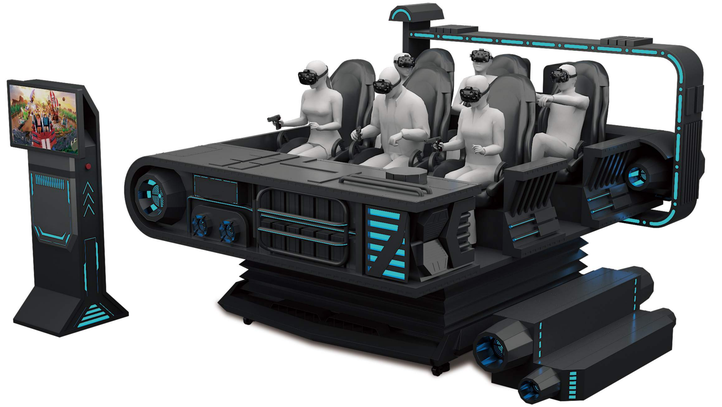
Odor Theater

LANDSPEEDER

The land Speeder can be add in a smell experience of VR on the basis of the original 5G+VR mobile platform experience, and give you a journey through different plots. Help independent research and development of multi-player sports platform screen real-time synchronization, multi-dimensional intelligent dynamic platform, more thrilling and real, according to different groups of people to select multi-dimensional games, to achieve multi-person immersive sharing.

Product Parameter/Config

Game type Roller Coaster/Adventure/VR	**Size** 3300*3400*2150mm	**HMD** Pico G2 4K Plus/Oculus quest2
No. of Players 6	**Weight** 900kg	**Load capacity** 600kg
Game amount 20+	**Power Requirements** 220V/6250W	**Occupated floor Area** 3400*3600*2300mm



Thrilling Experience

Present the New World

Higher Area-effictiveness

VR SPACE POD

Independent research and development design immersive interactive experience space, allow players to play safely. HTC VIVE head display take you in and out from real to the virtual world, double positioning base station make the tracking more accurate.

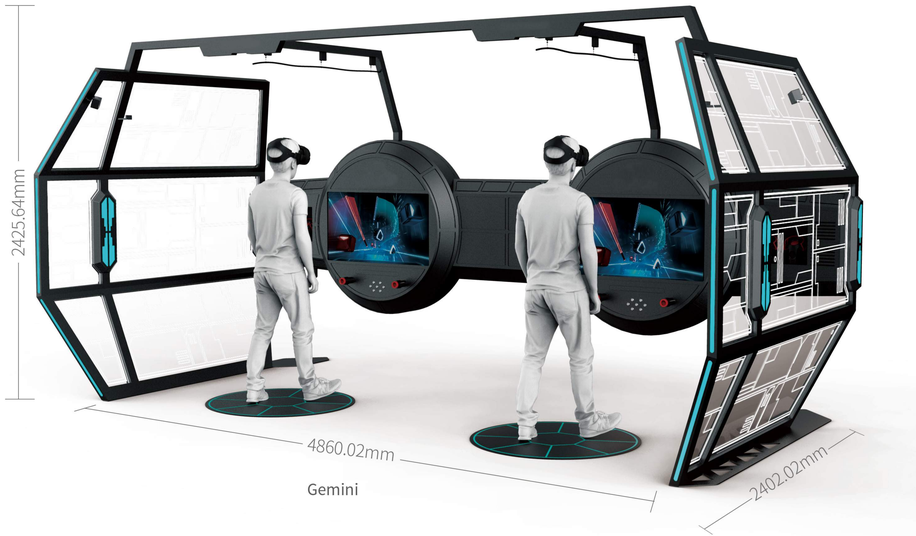
Product Parameter/Config

Game type	Size	No. of Players
variety of VR games	2750*2400*2700mm	1/2
Weight	**HMD**	**Game amount**
260kg/300kg	HTC VIVE/Oculus Quest2	10+
Power Requirements	**Occupated floor Area**	
220V/1300W	2750*2400mm	

Solo

Wireless Solution

New Function



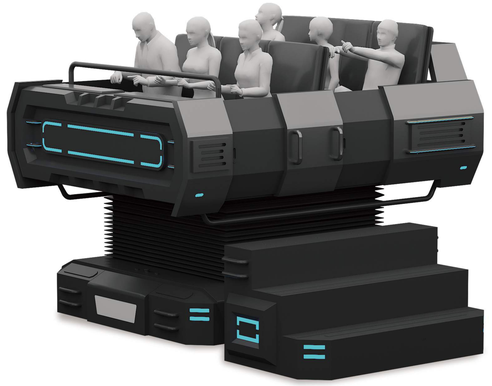
Gemini

AGV DARK RIDE

AGV is suitable for large-scale indoor immersive entertainment projects, which is an integrated project with storyline, machine model, AGVsystem, light and shadow system and special effects system. Wonderful story creativity with the use of light and shadow technique, seamless convergence, so as to make the players feel the authenticity and excitement of the story.

Product Parameter/Config

Game type Customizable interactive	Size 2730*2240*2000mm	cruising ability ≥6h
Load Capacity 6—9 人	Weight 1200kg	Ground bearing capacity ≥4KN/m^2
Power Requirements 12KW	Material Carbon steel + aluminum sheet meta	Occupated floor Area ≥100m^2 Customized for different scenario

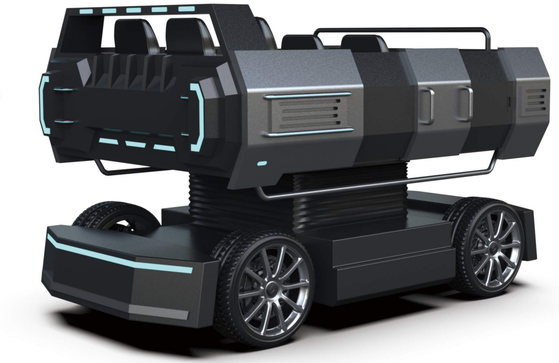


Indoor Version

Modularized

Immersive World

Full Sensory Experience



Outdoor Version

Flying Cinema

Flying Cinema breaks through the traditional mode, using multi-degree-of-freedom suspended dynamic seats and arc screen cinema, through the motion transmission platform and motion lifting technology, the seat is turned to be suspended in front of the arc screen.
Combined with high-definition arc screen film and television pictures and a variety of sensory special effects, lead tourists to experience the thrill of flying in the air, and create a thrilling and shocking immersive journey for passengers.

Product Parameter/Config

Game type Cinema	**Features** Suspended seat / arc screen	**Operation mode (maximum frequency)** 6 games per hour
No. of Players 6	**Movie Resolution** 4K/VR	**Game Content** Customized
Material Metal	**Occupated floor Area** Customized for different scenario	

Customized

6 DOF System

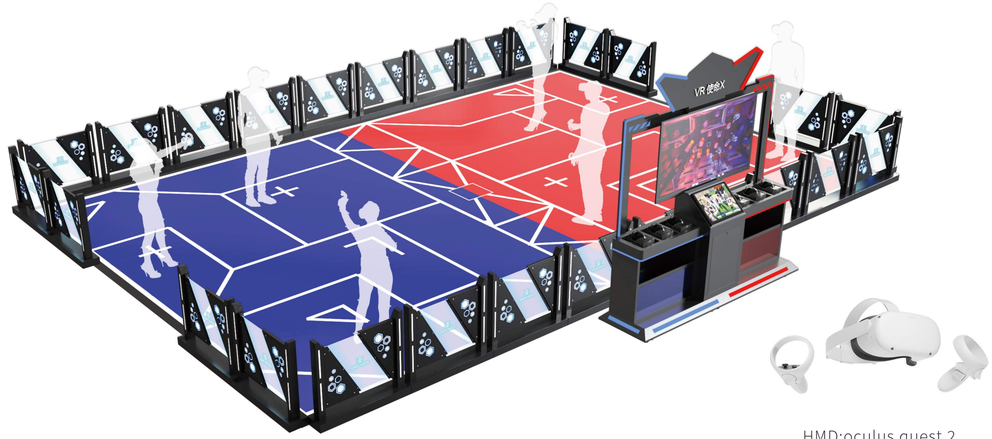
4K Theme Movies

X MISSION

This is an experience similar to a Laser tag game, the difference is that it only needs an empty area, does not require investment for a mock battleground and can be changed easily. The bigger the real scale arena, the more players can participate at the same time, from 1vs1 to 5vs5.Players wearing the VR headsets, divided into in Red & Blue team from 1 to 5 peoples, physically move throughout play spaces to battle against other team with a fixed time. When the time is up, the team with the highest score is the winner.Mission X is the solution that utilizes VR location-based experience can be used in any open areas of FEC, VR Arena, Malls, Theme Parks, Laser Tag Arena for transform your location to the next level! Immersive Entertainment

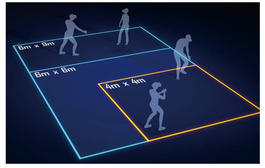
Product Parameter/Config

Game type	Size	Cruising ability
Shooting/Surfing/Skiing	5m*7m	2-2.5h
Player	**HMD**	**Occupated floor Area**
3vs3 / 4vs4 / 5vs5	oculus quest 2	5m*7m

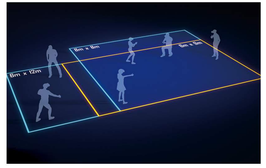


HMD:oculus quest 2

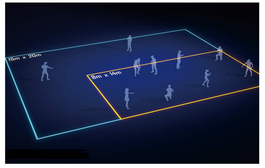
2v2 scale



3v3 scale



6~8player scale



Control Panel

VR POD

Independent research and development of VR self-service all-in-one machine, completely unattended automation, full-process automatic guide, automatic operating system, easy to use, scan the code and play, with tailor-made head display lift system, handle power supply and signal transmission system to ensure the smooth operation of the VR experience. Less area needed, flexible layout, this Pod can greatly reduce your investment.

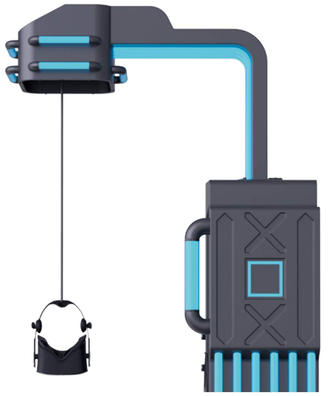
Product Parameter/Config

Game type Shooting/Surfing/Skiing	**Size** 1317*1296*2580mm	**HMD** HTC VIVE Cosmos/Oculus Quest2
No. of Players Solo	**Weight** 200kg	**Game amount** 10+
Power Requirements 220V/2000W	**Material** Hardware + acrylic	**Occupated floor Area** 2000*2000mm

Scan to play

Auto Pilot system

Automatic unattended



VR Cinema Duo

According to the content, the VR Cinema Duo can simulate many kinds of motion posture, such as up and down, left and right and so on. VR Cinema Duo can experience a variety of games without leaving home, such as watching movies, flying, roller coasters, undersea exploration, etc., Come join us in the virtual world!

Product Parameter/Config

Game type	Vitual Roaming	Load capacity	200kg
Size	2600*2400*1930mm	HMD	Pico G2 4K Plus/Oculus quest2
Display	Touch screen	Power Requirements	220V/800W
No. of Players	Double	Occupated floor Area	2600*2400*1924mm
Weight	350kg		

VR360 Double (Standard)

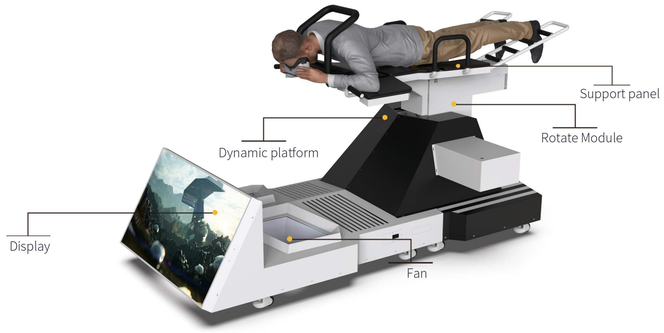
Enjoy the VR horizon of 360°

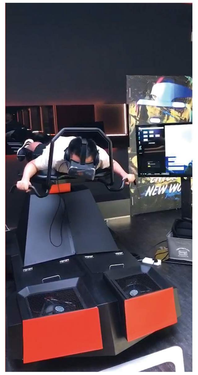
360 ° free passive / active rotation platform, a variety of motion posture modes: rise and fall, tilt, sway, jitter, mid-air rotation, up to 30 popular roller coaster maps, VR Display with thrilling movement, make you feel like on a real rollercoaster.

Product Parameter/Config

Game type	Roller Coaster Simulator	Weight	350kg
Size	1940*1250*2450mm	Load capacity	100kg
Display	43inch explosion-proof HD	Game amount	20+
Seat	PU leather	Power Requirements	220V/3200W
No. of Players	Solo	Occupated floor Area	1940*1250*2450mm

The VR Wingsuit Flying is equipped with a highly sensitive dynamic platform, which can feel extreme flight movements in the experience,





Product Parameter/Config

Game type	wingsuit flying/Venture/VR film	Weight	480kg
Size	2960*1400*1600mm	Load capacity	100kg
Display	wingsuit flying/Venture/VR film	Game amount	10+
Seat	PU leather/Metal	Power Requirements	220V/2650W
No. of Players	Solo	Occupated floor Area	2960*1400*2160mm

Minority fashion sports platform, it breaks down the barriers of the space environment and take you into the virtual world. You can also experience skiing and other games, what you have to do is twisting your body to maintaining balance. Simple, safe and easy.

Product Parameter/Config

Game type	Surfing/Skiing	Weight	80kg
Size	1570*1000*1340mm	Load capacity	100kg
HMD	Pico G2 4K Plus	Game amount	10+
Material	Fiberglass/metal	Power Requirements	220V/350W
No. of Players	Solo	Occupated floor Area	1570*1000*1360mm

F1 Racing Simulator

Product Parameter/Config

Game type	racing	Weight	150kg
Size	2700*800*1200mm	Load capacity	100kg
Game type	PC	Game amount	3+
Peripheral brand	Trustmaster F1 Ferrari	Power Requirements	220V/2180W
No. of Players	Solo	Occupated floor Area	2700*820*1250mm

GT Racer simulator

Product Parameter/Config

Game type	racing	Weight	150kg
Size	2700*800*1200mm	Load capacity	100kg
Game type	PC	Game amount	3+
Peripheral brand	Thrustmaster T300RS/LogitechG29	Power Requirements	220V/2180W
No. of Players	Solo	Occupated floor Area	2700*820*1250mm

Racing

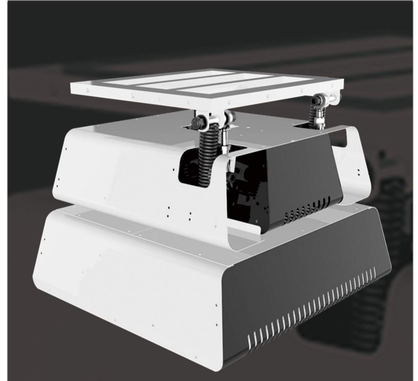
A large amount of content is constantly updated to support multi-player online competitive games at the same time.

Flight

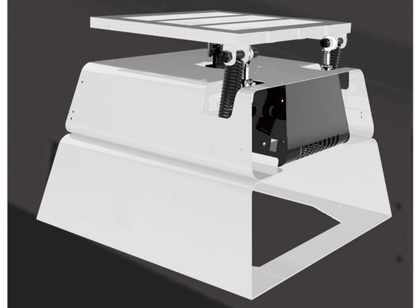
Simulate the motion of three degrees of freedom in flight, including pitching, (left-leaning and right-leaning) rolling, vertical lifting motion. It can simulate the motion caused by the change of various flight conditions, such as atmospheric disturbance and weapon launch, as well as the motion during landing, collision and braking.

VR Cinema

Cool appearance, full sense of science and technology. According to the different movie scenes to match high-precision action feedback, comprehensively increase the sense of substitution, realism, and enjoy the visual feast.



Mini Motion Rotate Platform



Mini Motion Platform

Product Parameter/Config

Game type	Racing/Flight/VR movie	Load capacity	100kg
Size	1300*700*1350mm	Game amount	3+
Interface	WI-FI/USB	Power Requirements	220V/210W
No. of Players	Solo	Occupated floor Area	1300*700*1400mm
Weight	110kg		

Live Racer

Fast & Furious

The appearance is fashionable and cool, Full of high-tech feeling. It is an attracting item to put at your store!Customized content is supported, and the theme of the racing scene can be rich and varied according to the operational needs. The use of high immersion scene combined with advanced wireless transmission technology for real-time feedback to experience the real sense of racing road. 100% restore racing operation, enjoy the pleasure and reality of speed!

Optional

VR VER

Three Screen Ver

Single Screen Ver

Product Parameter/Config

Game type	racing game	Load capacity	350kg
Size	5*4m	Game amount	3+
No. of Players	4/6	Power Requirements	220V/1800W
Weight	350kg	Occupated floor Area	7*8m
Feature	Single/Double Layer Track		

Driving Test Simulator

80% VR Training
+20% Real coach car training!

Product Parameter/Config

Cabin shell	Hardware / blister Customize available	Weight	200kg
Size	2129*967*965mm	Power Requirements	220V/2000W
Motion platform	two-axis motion platform	control system	Direct drive force feedback base of control system, modification of real vehicle control system, etc.
Display	32-inch curved Screen, 10.1-inch touch screen	PC Config	i5 8G 240GSSD 1660
HMD	DPVR E3-4K	Program software	Meet the latest driving test requirements

Design R&D/Molding & Sampling/Program development. /Manufacturing
Turn-key Solution

Immersive experience
New Gen. VR Glasses

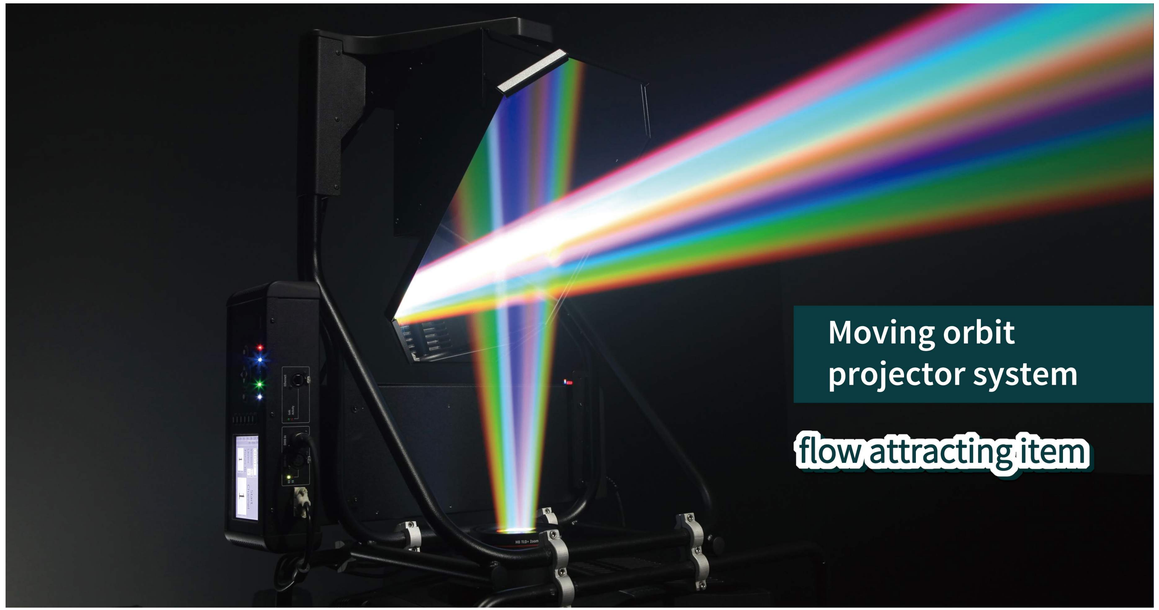
AI teaching
Intelligent Voice Teaching

Examination mode
1:1 Practice Test

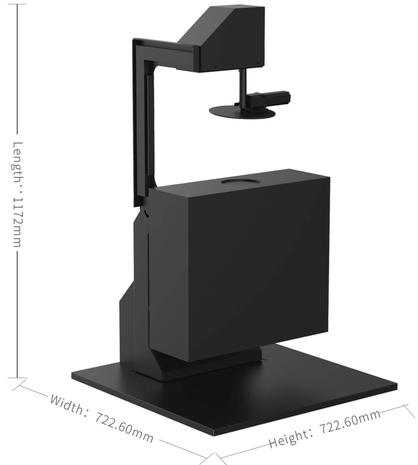
Real car hardware
1:1 Car Wheels and Petals

Servo cylinder dynamics
Real Car Motion Simulating

Display interactive
No Latency Response



This new projection system combines the interactive design of new media visual arts with the innovative intelligent digital control system to realize a new generation of intelligent projection imaging technology.The interactive panoramic projection system can be applied to multiple fields and scenes to help the creative team to achieve visual expression that are refreshing, powerful and appealing.



Dynamic large space projection

Suitable for outdoor display, Maximizing audience

Interactive visual creativity

Combinationof reality and

Modular deployment

Easy to be instal

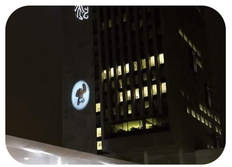

outdoor display

exhibit display

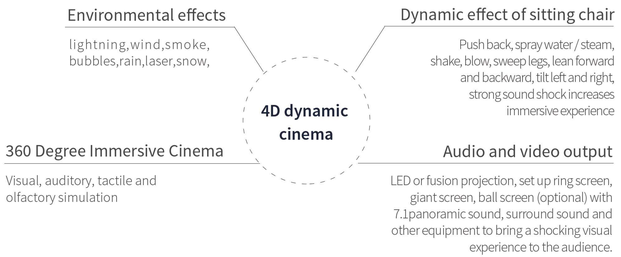
museum display

stage/art display

THEATER CLASS

4D dynamic cinema

4D dynamic cinema is a four-dimensional space composed of three-dimensional movies and the surrounding environment simulation. It is a new type of film and television product composed of environmental effects and simulation on the basis of 3D movies. It enhances the effect of telepresence by providing the audience with physical stimulation in conjunction with the movie content.



「Advantage and Features」

01
Fast response
* 99.9% synchronous rate

02
High synchronization
* Max 300 seats synchronize without latency

03
ultra-high precision
* precision reach 1/3000 of a

04
high stability
* Servo and crank syste.

「Successful Cases」

VR SCIENCE POPULARIZATION

「Earthquake experience Hall」

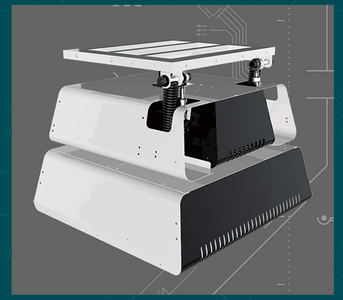
The earthquake hut is composed of a simulated earthquake platform and the houses on the platform. The technology includes hydraulic, servo electric system, sensing system, computer control system, sound system, automatic scoring system, etc. The simulated vibration platform can simulate various magnitudes and seismic waves when an earthquake occurs, enabling experiencers to be immersed in the scene. Simulating the magnitude and duration of an earthquake is carried out on the console in advance. The system is equipped with Wenchuan earthquake, Tangshan earthquake, Japan Kansai earthquake and other data, can also be made according to customer demand.

「Typhoon experience Hall」

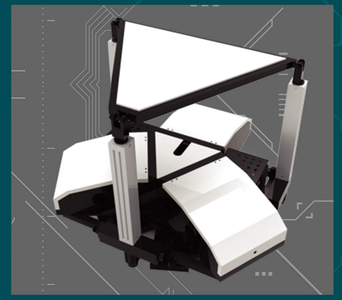
The typhoon experience project uses advanced multimedia and live-action technology to simulate a class 12 typhoon in a real space. Typhoon simulation consists of typhoon simulation scene, platform basic simulation facilities, environmental simulation facilities and control system. In terms of technology, there are wind flow control system, air sensor system, computer control system, image simulation system, sound system, automatic scoring system, etc. The simulated typhoon can simulate the real environment when the typhoon occurs, so that the experiencer has the feeling of being on the scene. The simulated typhoon level and duration are preset on the console. The system is equipped with various typhoon data, which can also be made according to customer needs.

OLFUN

Motion Platform



2 Dof Motion Platform
3Dof Motion Platform

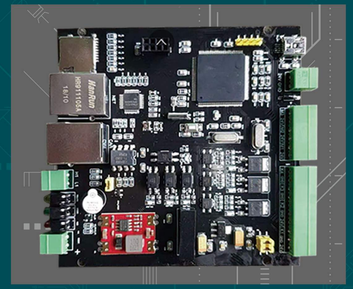


3Dof Motion Platform
4Dof Motion Platform

6 Dof Motion Platform

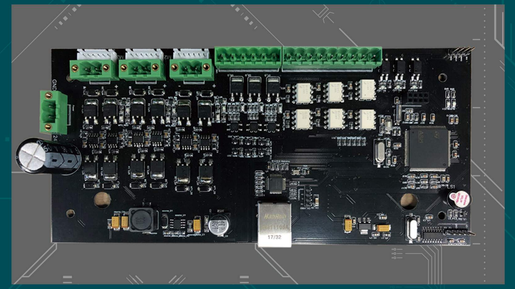
Specialized platform module, which provides independent research and development of motion control board, which is convenient for manufacturers to reprocess. Suitable for immersive entertainment equipment, cinema seats, simulators and

Servo Control Card



CPU: ARM32-bit microprocessor
Network: 100M network port
Servo communication: support 128 channels of servo
USB: Uart to USB interface
Storage: Maximum support 128G TF card
IO port: 4-channel optocoupler isolation input, 24V optocoupler output

AC/ DC control Card



CPU: ARM32-bit microprocessor
Network: 100M network port
WIFI: 2.4G support AP, STA
USB: Uart to USB interface
Storage: Maximum support 128G TF card
Input: 3-channel optocoupler isolation input, 3-channel motor encoder interface
Output: 3-channel optocoupler isolation output, 3-channel DC motor interface

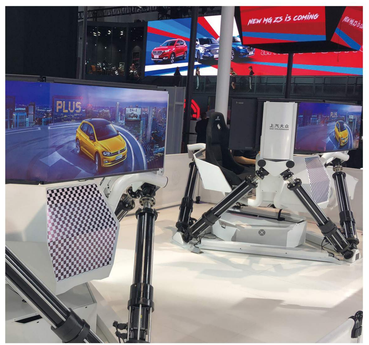
PROJECT CASES

「Nissan Intelligent Transportation Digital Exhibition Hall」

The intelligent transportation digital exhibition hall of Nissan Intelligent Future City presents an interactive digital display combined with 5G+AR+intelligent control technology.

「FAW-Volkswagen offline Exhibition」

We developed a customized offline exhibition racing simulator according to the clients demand.Professional racing seats, force feedback race-level steering wheel and control bar, six-degree-of-freedom dynamic feedback, real-time capture of players' driving movements, accurate driving control.

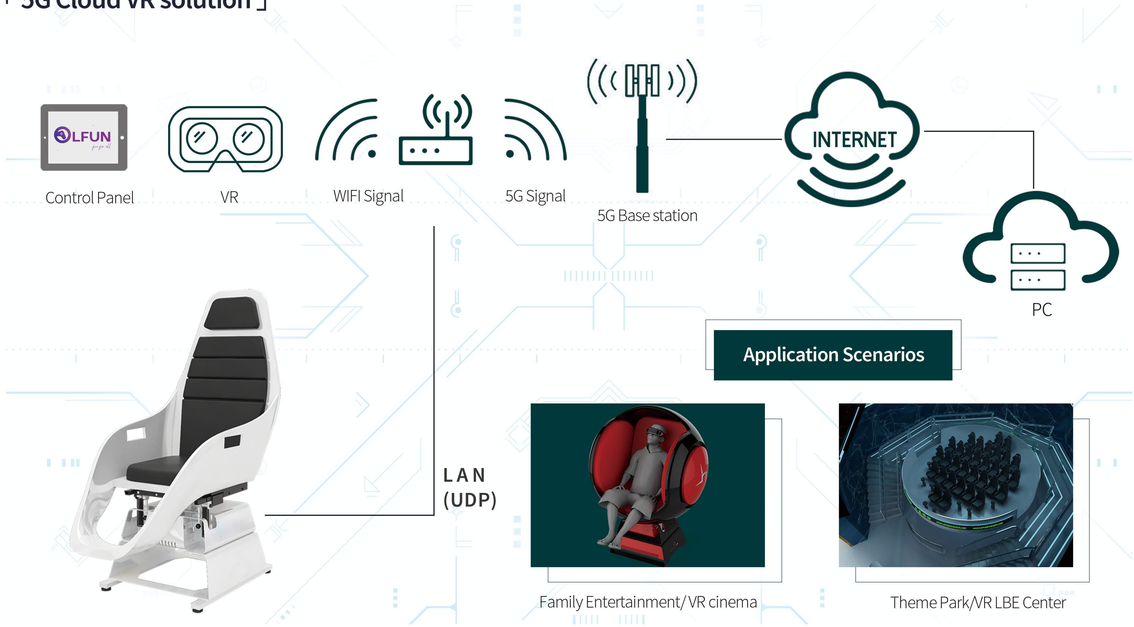


PROJECT CASE

「Huawei 5G Cloud VR solution」

Put the rendering, computing and other work in the field of VR to the cloud, so as to reduce the space of the original hardware products on a large scale, and make the VR experience lightweight and simple as a whole.

「5G Cloud VR solution」



PROJECT CASES

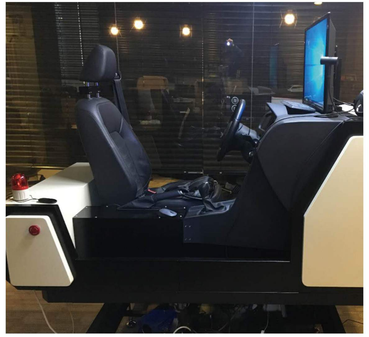
「GT Racing Guangdong-Hong Kong-Macau Greater Bay Area Racing Simulator Grand Prix」

We developed a custom racing simulator based on customer's require. International professional racing seats, force feedback race-class steering wheel and control bar, four-degree-of-freedom dynamic feedback, together it allowed us to capture players' real-time driving movements so as to offer our players an accurate driving control. Players team up and compete with each other through this simulator.

SIMULATING TEACHING PROJECT

「VR Drive Simulator」

VR Drive Simulator, scan and pay, it gives you real car-like training, replacing more than 70% of the teaching volume of the coach car. 70% of the time with VR Drive Simulator + 30% of the time to practice on real car, it has increased the test pass rate to more than 85%. Empower Intelligent managed to use technology to change the driving industry!



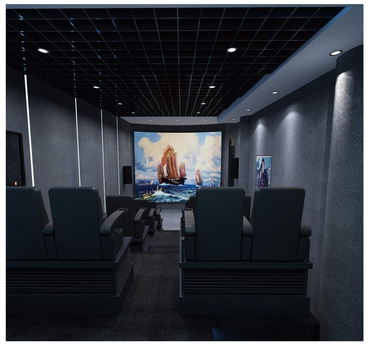
SCENIC SPOT PROJECT CASE

「 Suzhou Yangcheng lake service area 」

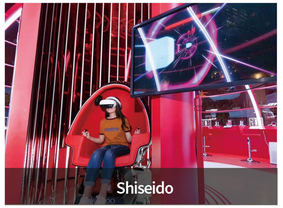
We provide general design and equipments to this 2000 square meters VR science and technology museum at Suzhou Yangcheng lake service area by fully investigating the customer flow and customer demand of the service area in the early stage of planning(the people who visit and experience the service area tend to be younger). The intention of this plan is to integrate the service area with VR virtual reality and a variety of motion-sensing games by implanting creative, scientific and fashionable elements, so as to make the service area a distinctive and innovative scenic spot.

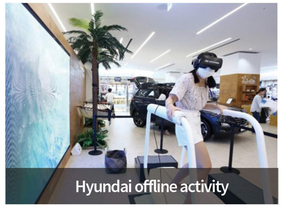
「 Yancheng Dazong lake scenic area
East JIN Dynasty watertown digital experience hall 」

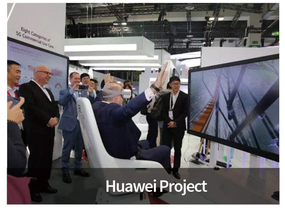
"Multimedia digital interactive experience museum", it is consist of items using VR technology and other advanced technology such as holographic projection, 3D sensor project. Experience includes holographic, infrared radar, intelligent interactive projection drawing, body feeling game, and other high-tech interactive experience, it combined science, technology, entertainment, interaction as one of the thematic special exhibition projects.



Exhibition / Science and Technology Museum / Culture and Tourism Project


Shiseido


Hyundai offline activity


Huawei Project

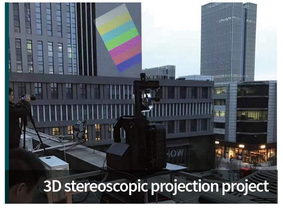
Yang cheng hu

Maserati

Volkswagen

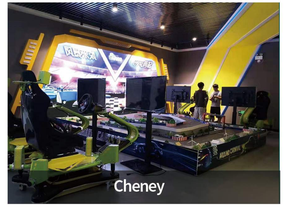
Shanxi University of Media

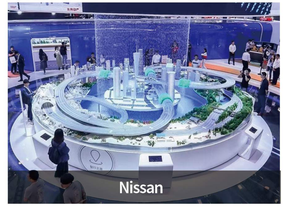
Volkswagen


3D stereoscopic projection project

Hanzhou Project

Guangzhou


Cheney


Nissan

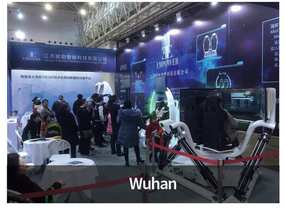
Wenzhou

Guangzhou

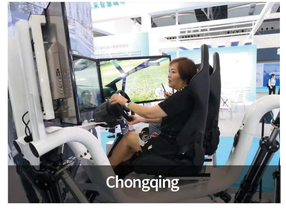
Shanghai

Nangchang

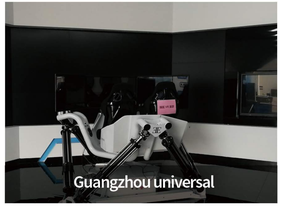
South Korea's project

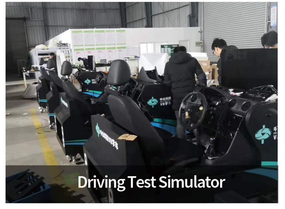

Wuhan

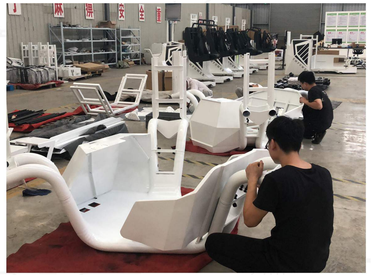
“JUANT”Fantasy Land


Chongqing

Guangzhou


Guangzhou universal


Driving Test Simulator



5S Production Management

Elite Team