Mayeter

Indoor Immersive Projection

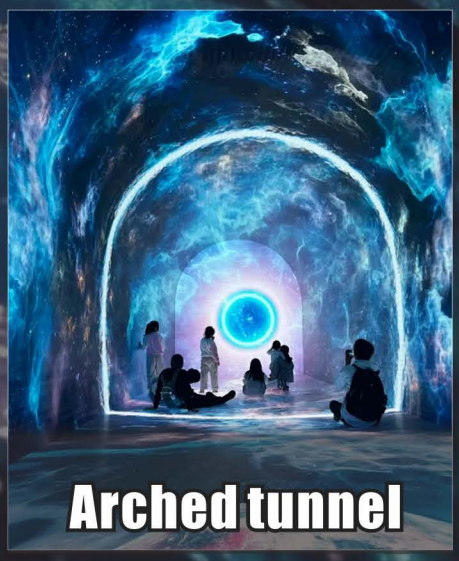
-Immersive Light and Shadow Space • Interactive Holographic Experience-

360° Immersive Panorama
Real-Time Interactive Sensing

Naked-Eye 3D • Holographic Veil • Multi-Channel Fusion







Guangzhou MayeterTechnology Co., Ltd.

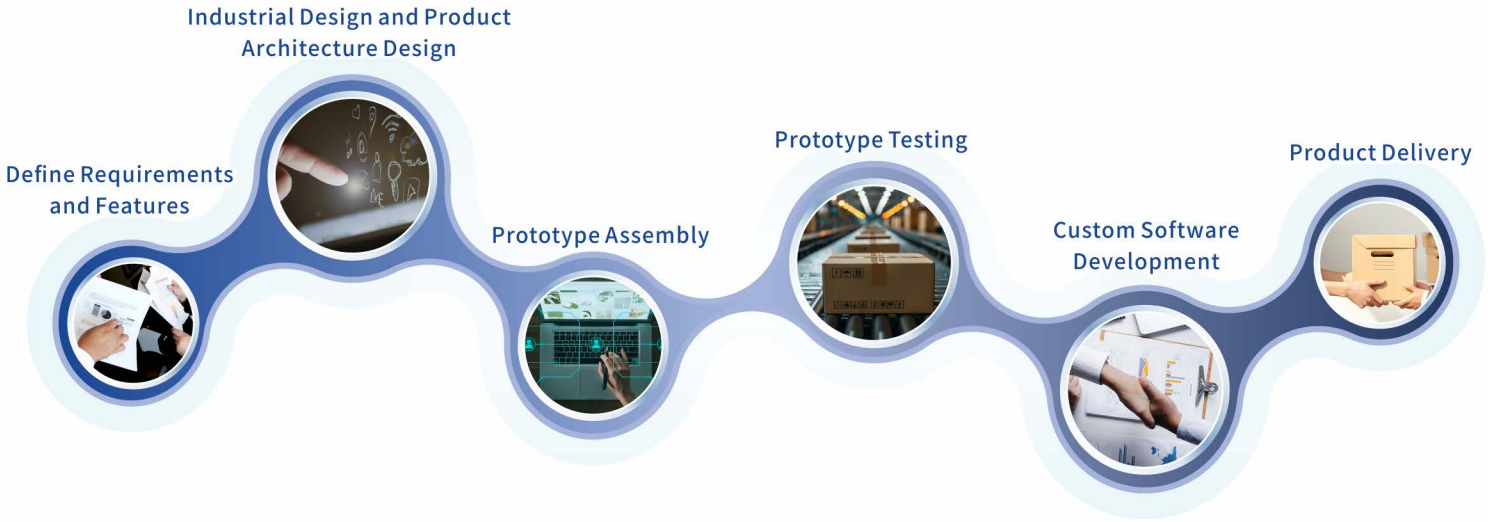
www.mayeter.com

Building 1, Yuepu Technology Panyu Innovation Center, Hualong Town, Panyu District, Guangzhou City

01 COMPANY PROFILE

Guangzhou Mayeter Technology Co., Ltd

Mayeter Technology specialises in researching, developing and innovating interactive projection technology. The company also manufactures equipment and implements solutions on site, providing immersive interactive experiences for the interactive entertainment industry, digital exhibition halls, cultural and tourism attractions, and other sectors.



3D HOLOGRAPHIC



02 SERVICES

CUSTOM SERVICES

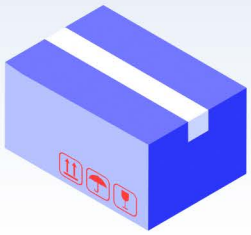
CUSTOM SOFTWARE DEVELOPMENT



CUSTOM EQUIPMENT



CUSTOM PACKAGING



CUSTOMER SUPPORT



Dispatch engineers to the site to assist and guide the installation



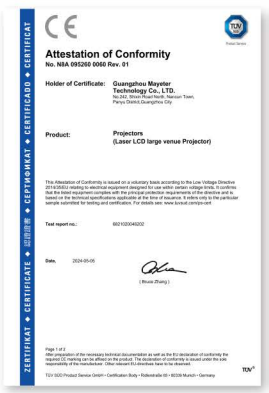
Remote debugging and installation

03 Focus on R&D

55 software copyright	**14** copyright of a work	**32** Product Registration
2 TRADEMARK	**6** SOFTWARE WORKS	**15** Appearance Patent

Patent escort, innovation voyage!

Software copyright certificate/work copyright /product registration/Trademark /Utility Model Patent/Appearance Patent /CE/ROHS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Product: Projectors (Laser LCD large venue Projector)


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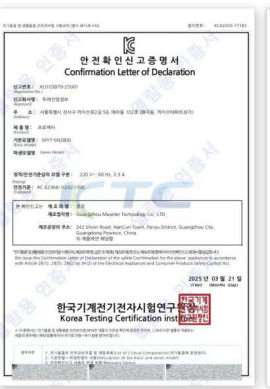
Product: Projectors (Laser LCD large venue Projector)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CERTIFICATE of Conformity
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Certificate
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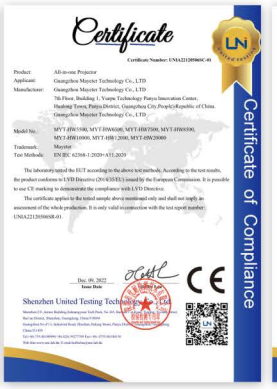
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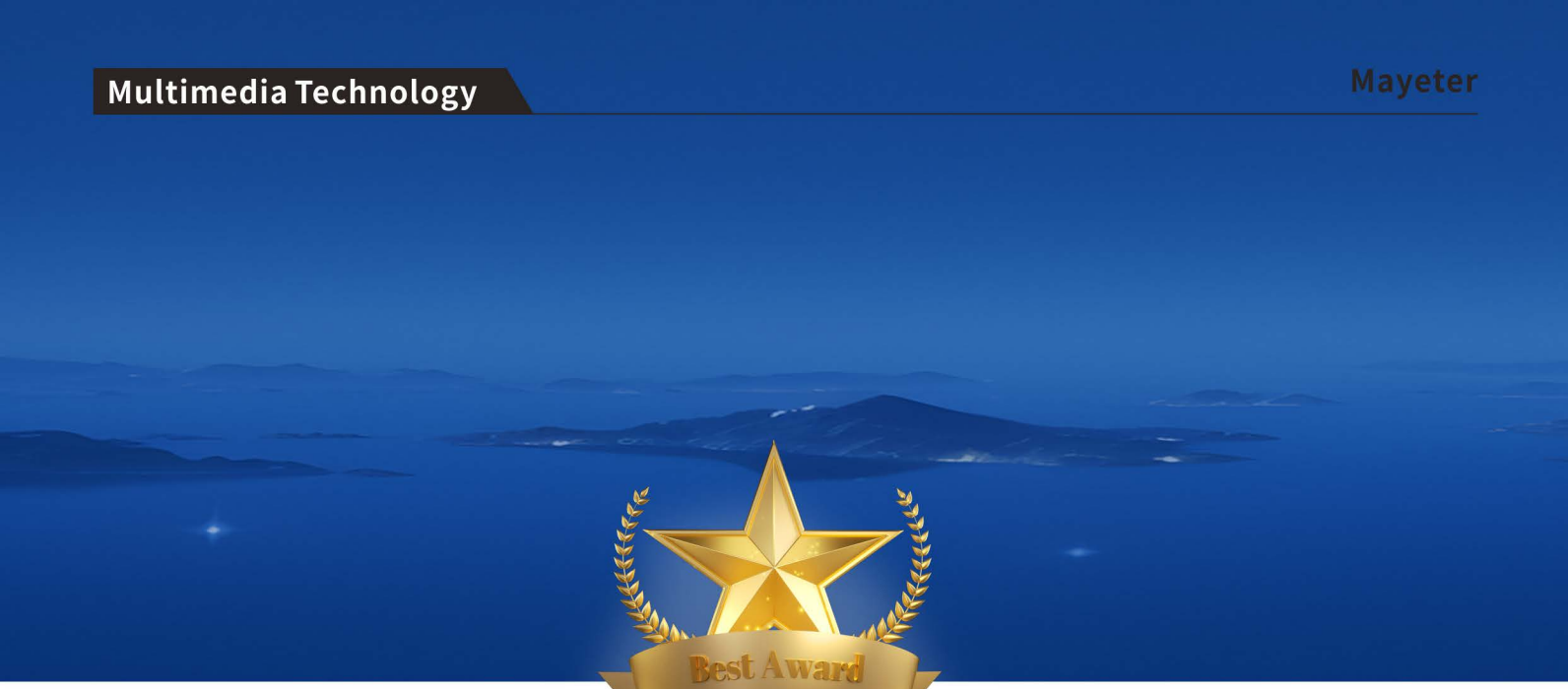
CERTIFICATE

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QUALITY SERVICE INTERGRITY ENTERPRISE
广州美影特科技有限公司
AAA


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2020年11月26日

Immersive Projection

Immersive projection uses multiple projectors, edge blending, and motion-sensing devices to project light and shadow across the entire space—including walls, floors, ceilings, and sculptural installations—placing viewers within a scene of light and shadow and enabling a fully immersive, interactive experience.



【Application scenarios】











Let the space become a vessel for light and shadow.

Commercial Space

Brand pop-up stores, showrooms, mall atriums, and product launch events.

Cultural and Tourism Experiences

Immersive night tours, historical and cultural exhibitions, theme parks.

Education and Science Outreach

Science centers, museums, planetariums, and interactive learning spaces.

Art Exhibition

Immersive art exhibitions, light and shadow art galleries, and contemporary art installations.

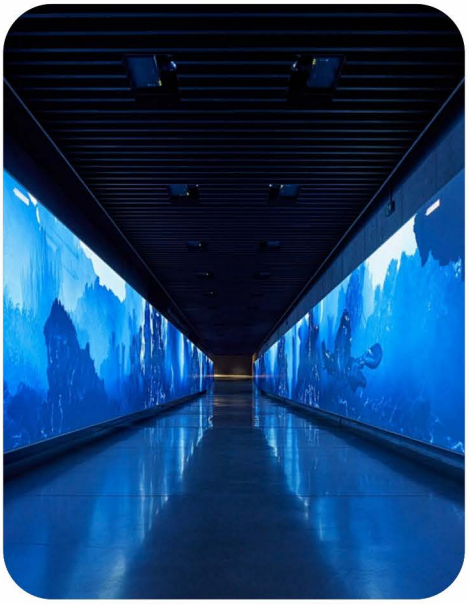
Entertainment and Leisure

VR experience centers, escape rooms, immersive theaters, and party venues.

【Core Values】

- **Total Immersion:** Audience members are surrounded by light and shadow, creating a visual impact far surpassing that of traditional screens.
- **Interactive Engagement:** The audience's actions influence what appears on screen, enhancing immersion and adding to the fun.
- **Space Reimagined:** Transforming limited spaces into visual scenes with infinite possibilities.
- **Flexible content:** Themes can be quickly changed to suit different events and brand needs.
- **The Fusion of Technology and Art:** Technology serves content to create unique, memorable experiences.

【Case Study】

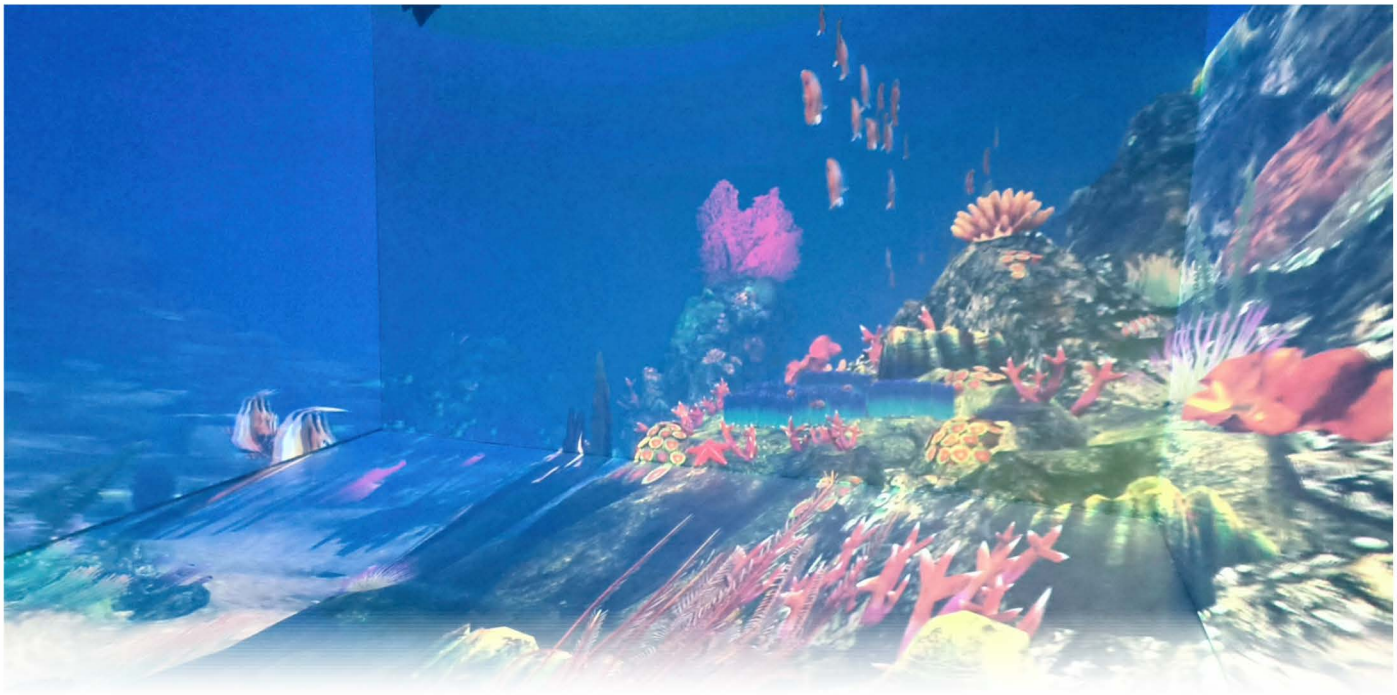




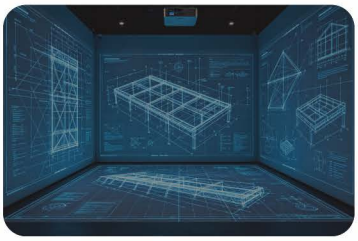



Cave Automatic Virtual Environment

CAVE spatial projection is a multi-walled, enclosed immersive VR system that creates a three-dimensional space using 3 to 6 sets of walls, floors, and ceilings. When combined with naked-eye 3D or 3D glasses, it delivers a deeply immersive virtual experience.

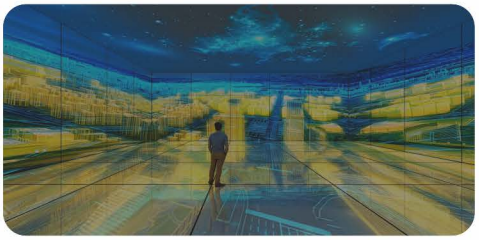


【Application scenarios】









Creating an immersive gateway to the virtual world.

Research and Engineering

Molecular simulation, fluid analysis, structural review.

Industrial Design

Prototypes for automobiles and aircraft; product reviews.

Medical Education

Anatomy simulation, surgical training.

Architectural Design

Architectural walkthroughs, urban planning exhibitions.

Education and Training

Virtual laboratories, historical reenactments.

Games and Entertainment

High-end experiences, immersive games.

【Core Values】

- **Extremely immersive:** a fully enclosed space with no visual boundaries.
- **Rich interactive experience:** Real-time, natural human-computer interaction.
- **Wide range of applications:** scientific research, design, education, and medicine.
- **Secure and controllable:** A virtual environment with no physical risks.
- **Reusable:** Contents can be quickly swapped out, offering endless possibilities.

【Case Study】





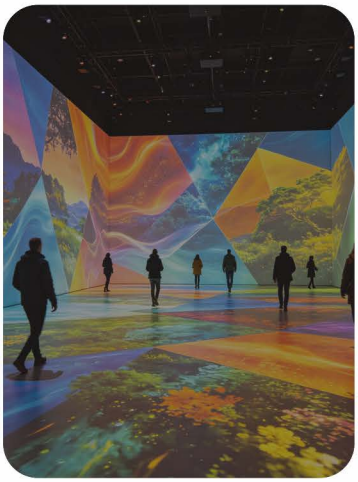



Multimedia Exhibition Hall Projection

The multimedia exhibition hall integrates various projection, interactive, and audiovisual systems, combining wall-mounted, floor-projection, holographic, and CAVE technologies to bring static exhibits to life and create an immersive, interactive exhibition experience.



【Application scenarios】









The projection in the multimedia exhibition hall reshapes the narrative approach of exhibitions.

Museum

Dynamic displays of historical artifacts, site reconstructions, and interactive guided tours.

Science Museum

Science education visualizations, interactive experiments, and immersive experience zones.

Corporate Exhibition Hall

Product display, brand history, honor wall, interactive experience area.

Urban Planning Exhibition Hall

City sand table projection and immersive preview of planning schemes.

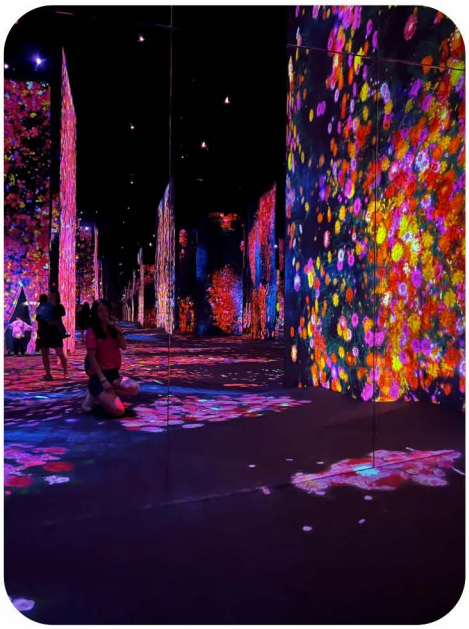
theme exhibition

Art exhibitions, cultural exhibitions, and commercial pop-up exhibitions.

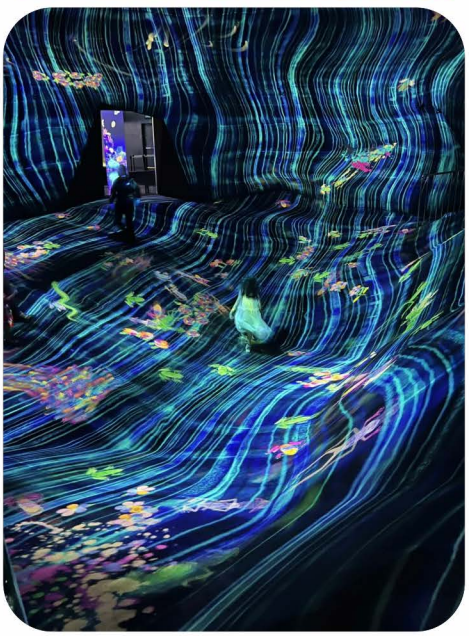
【Core Values】

- **Multiple technologies integrated together:** wall projections, interactive floor surfaces, holographic screens, CAVE spaces, transparent screen projections.
- **Interactive systems:** infrared sensors, radar, touch controls, motion capture, voice recognition.
- **Central control system:** allows for centralized control of lighting, projections, audio, and video systems. Simply press a button to switch between various functions.
- **Customized content:** Animations, videos, and interactive programs can be tailored according to the theme of the exhibition hall.

【Case Study】








Arch Tunnel Projection

The arched tunnel features a projection that relies on the arched structure of the tunnel. The entire inner wall, ceiling, and ground surface are covered with projections, creating a series of illuminated walkways. Pedestrians walking through these walkways will experience a truly immersive experience.



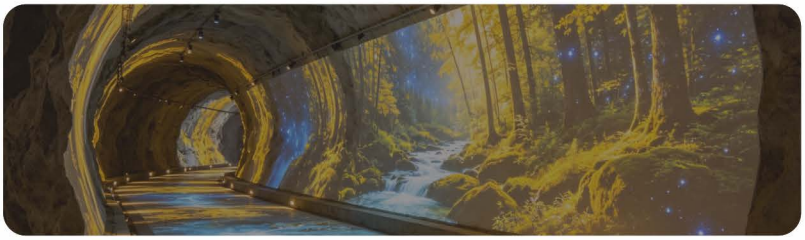
【Application scenarios】







Traveling Through the Tunnel of Time, Shaped by Light and Shadow.



Cultural and Tourism Scenic Areas

Entrance passages in scenic areas, caves and tunnels, and mountain tunnels

Commercial districts

connecting corridors bet weens tores, underground passages, and entrances to pedestrian streets

Museum/Technology Hall

Product display, brand Entrance lobby, thematic corridors, time-and-space tunnels.

Theme parks

Waiting areas for roller coasters, entrances to various amusement attractions.

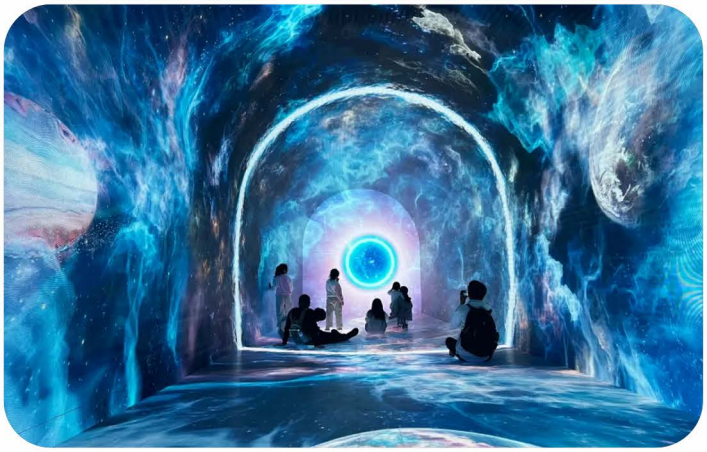
Exhibition activities

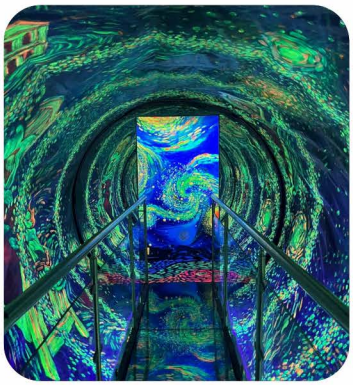
Entrances to exhibitions, brand experience areas, immersive exhibition spaces.

【Core Values】

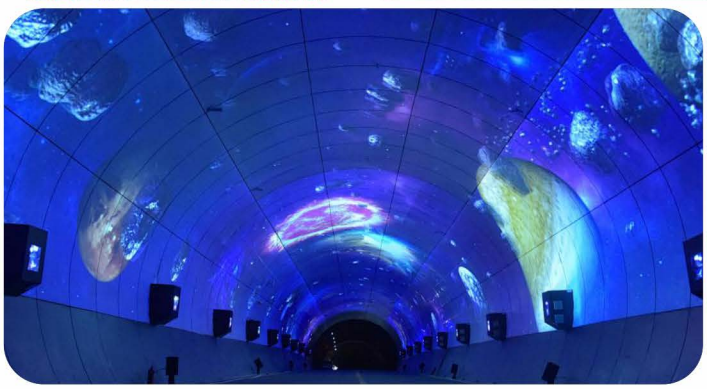
- **Strong sense of enclosure:** The audience is surrounded by light and shadow, creating a highly immersive visual experience.
- **Spatial circulation:** Guides visitors along the tunnel, creating an orderly visiting path.
- **Continuous narration:** The scenes can be spread out along the tunnel, making it suitable for telling coherent stories.
- **Space utilization:** transforming corridors and passageways into spaces for enjoyment.
- **Photography for sharing:** Tunnel projections have the unique advantage of being popular among netizens, making them ideal spots for photos.

【Case Study】







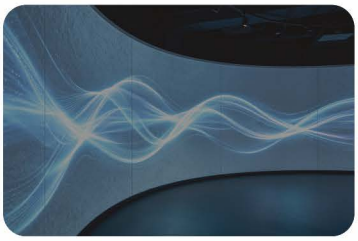



Curved Wall Projection

The projection of the curved wall surface is corrected using curved surface technology, ensuring that the image fits perfectly onto curved, toroidal, and wavy surfaces, resulting in a seamless and smooth visual experience.



【Application scenarios】









Allowing Curves to E mbrace the Beauty of L ight and Shadow.



Science Museum/Museum

Curved display walls for showcasing science knowledge and historical information.

Enterprise Exhibition Hall

Brand image wall, product display area.

Commercial Spaces

Atrium areas of shopping centers, restaurant walls with decorative atmospheres.

Cultural and tourism attractions

caves, tunnels, and arc-shaped buildings.

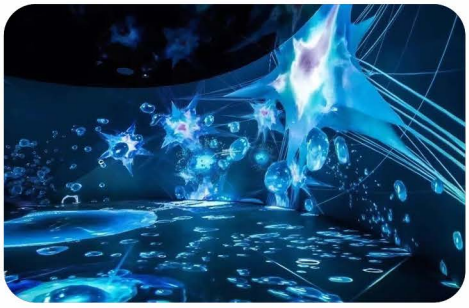
Stage Design

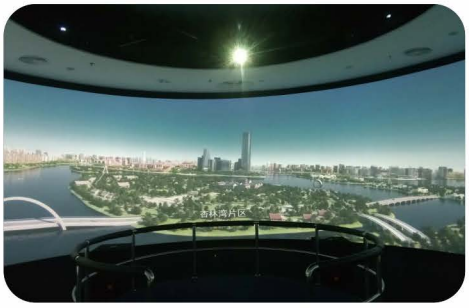
Arched background walls, semi-circular canvases.

【Core Values】

- **Unique visual experience:** The curved screen display is smooth and natural, unlike traditional flat projections.
- **Strong sense of envelopment:** The curved wall surfaces naturally surround the audience, creating a sense of immersion.
- **Space adaptation:** Suitable for circular, curved, and wavy architectural spaces.
- **Brand personality:** High-end, technological, suitable for brand presentation purposes.
- **Space utilization:** Turning the curved wall into a display medium。

【Case Study】














Banquet Hall Holographic Projection

The banquet hall features holographic projections on curtains, walls, and ceilings. Scenes can be switched between different options as needed. This setting is perfect for weddings, annual meetings, and other events, allowing for the creation of customized, immersive banquet spaces.



【Application scenarios】











Creating an immersive sensory experience during meals.

Wedding banquet

A romantic scene of stars, seaside forests, and ocean-themed decorations

Birthday Party

Fairy Tale Castle, Birthday Wishes, Interactive Games

Company annual meetings

Brand-themed events, award ceremonies, and team presentations

Product launch event

New products displayed in a floating manner, and brand stories presented in an immersive way.

Festive Dinners: Christmas

Chinese New Year, Halloween-themed projections

【Core Values】

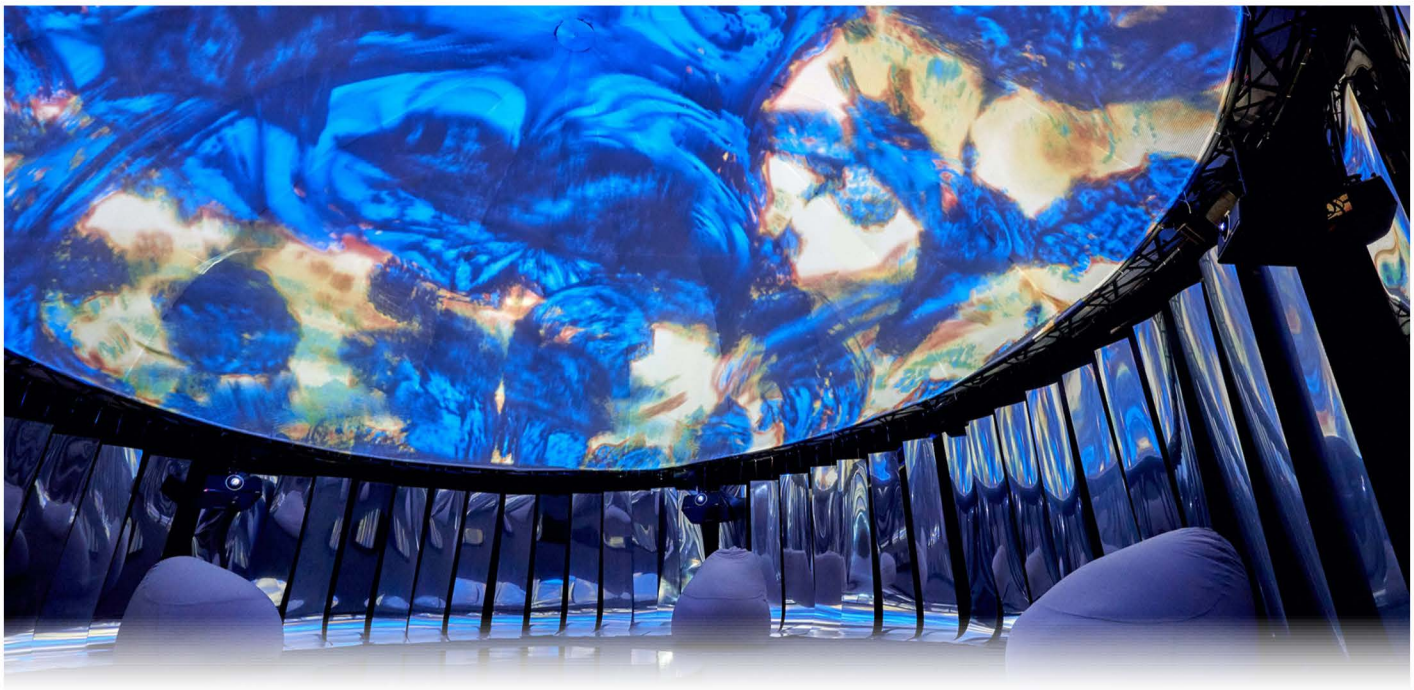
- **Enhancing the dining experience:** Combining visual and taste sensations to create unforgettable memories.
- **Flexible themes:** The display content can be changed according to festivals, dishes, or events.
- **Social sharing:** A unique dining environment that attracts customers to take photos and share their experiences.
- **Brand differentiation:** becoming a unique selling point for the restaurant, thereby enhancing its competitiveness.
- **Space utilization:** No need for physical decoration. Projections bring walls to life.

【Case Study】



Dome Projection

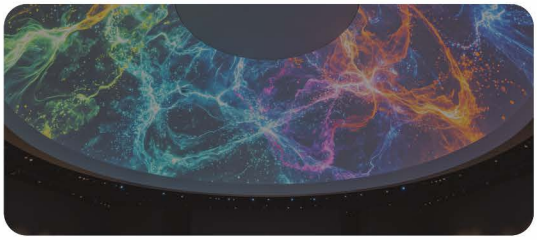
The dome projection uses a spherical dome as the carrier, with multiple machines working together to create a 180° to 360° panoramic view. The audience enjoys a truly immersive experience within this environment.



【Application scenarios】









The infinite view beneath the dome

Planetarium/Technology Museum

Exploring the stars, the universe, and planets.

Theme parks

Flying theaters, spherical-screen movies, immersive adventure experiences.

Museum

Reenactment of historical events, display of cultural relics

Educational Institutions

Astronomy and Geography Teaching.

Art Exhibition

Digital Art, Light and Shadow Art Installations.

Enterprise Exhibition Hall

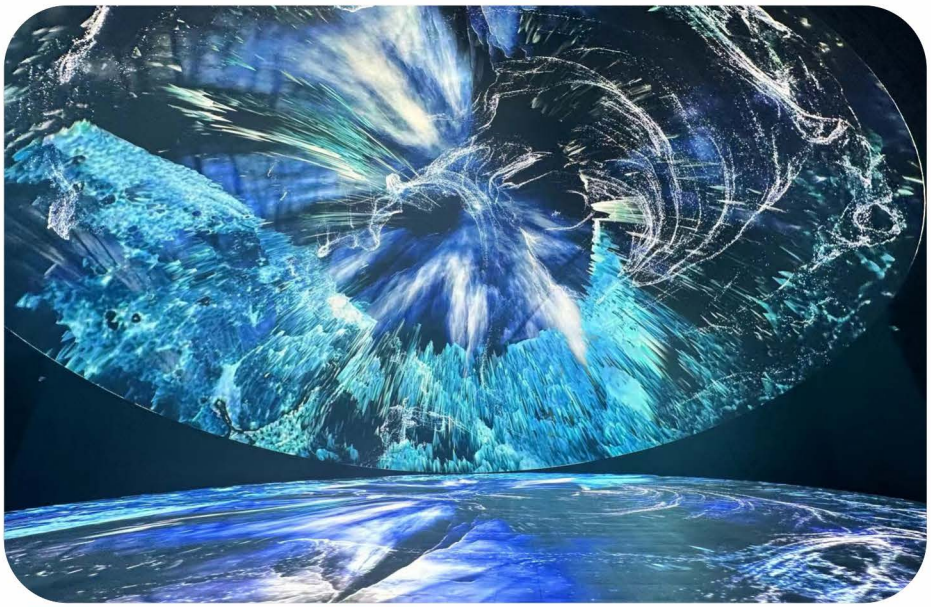
Digital Art, Light and Shadow Art Brand image and immersive product display.

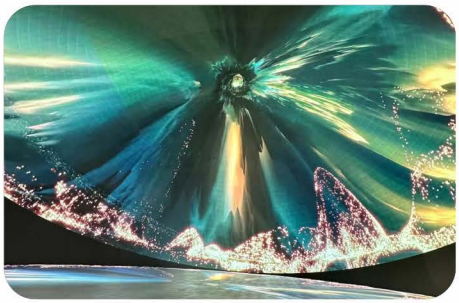
【Core Values】

- **Ultimate immersion:** Full field of vision coverage, with the audience completely surrounded by light and shadow.
- **Visual impact:** Looking up at the dome, the scene is truly magnificent, with a powerful sense of awe.
- **Customizable content:** Can be adapted for themes such as astronomy, geography, history, art, etc.
- **Educational value:** A practical and engaging tool for science education
- Strong sense of technology: The dome itself represents a combination of technology and art.

【Case Study】



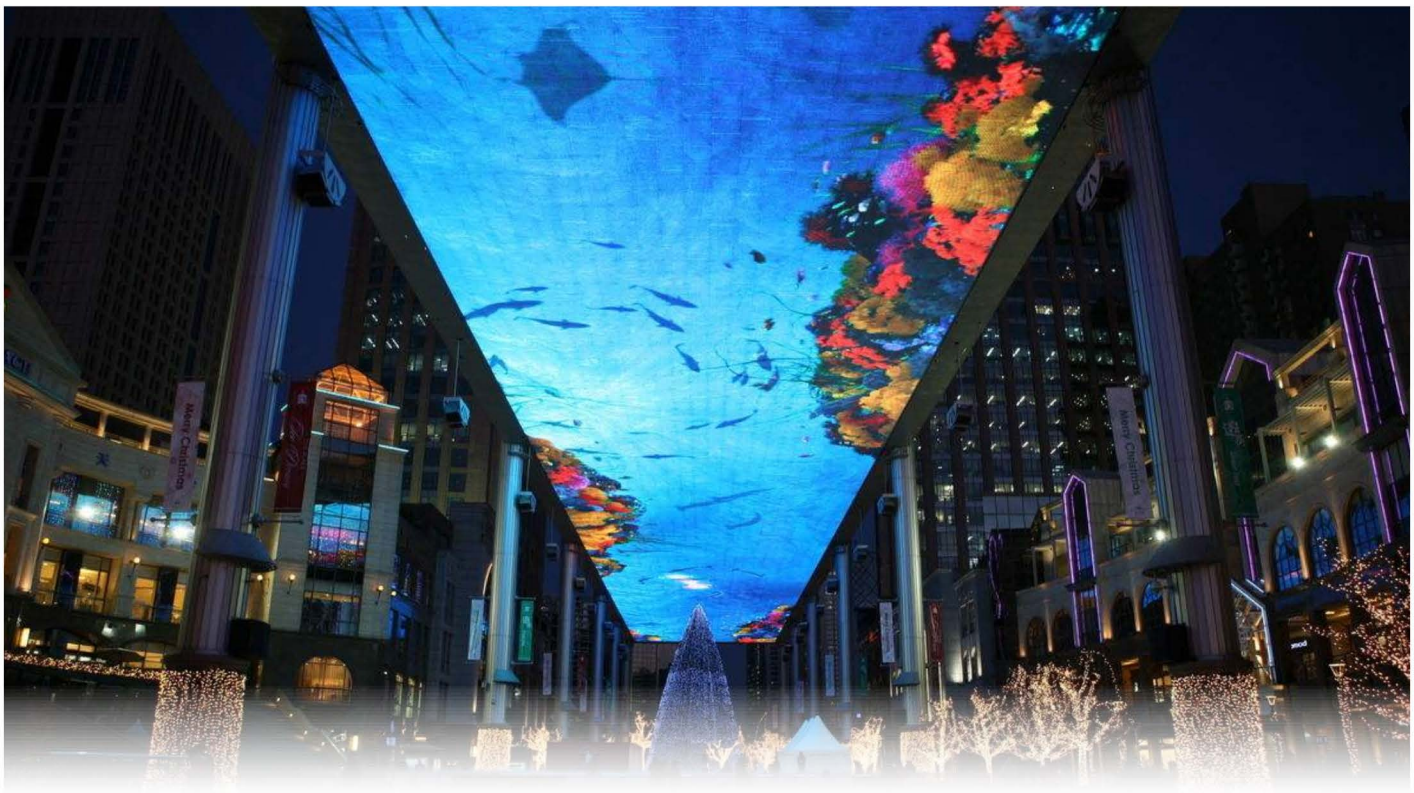





Sky Screen Projection

The skyline is projected onto the top surface, creating stunning images of stars and cloud-covered seas. This creates an immersive effect when viewed from above.



【Application scenarios】








the sky projection transforms the ceiling into a window to the world of imagination.

Science Museum/ Astronomy Museum

Displays related to stars, the universe, and planets.

Museum

Historical scenes reappearing at the top of the stage.

Theme Park

Immersive Playground.

Commercial Spaces

Mall plazas, branded pop-up stores.

Hotel lobby

Digital Art, Light and Shadow Art A dreamlike sky, a flowing sea of clouds.

Restaurants/Bars

Romantic Starry Night, Ocean-themed venues.

【Core Values】

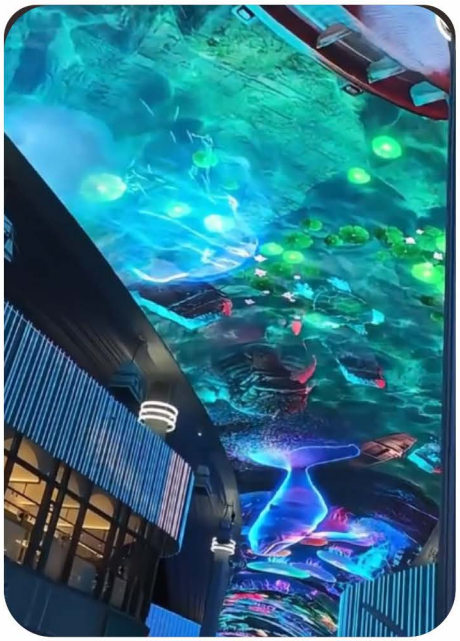
- **Unique perspective:** experiencing things from above, expanding our imagination of space.
- **Strong sense of immersion:** covers the entire head, allowing the audience to feel completely immersed within the experience.
- **Space utilization:** turning the ceiling into a display surface.
- **Flexible adaptation:** A standard ceiling is sufficient; no dome structure is required.
- **Customizable:** The content of the themes can be tailored to fit various scenarios.

【Case Study】



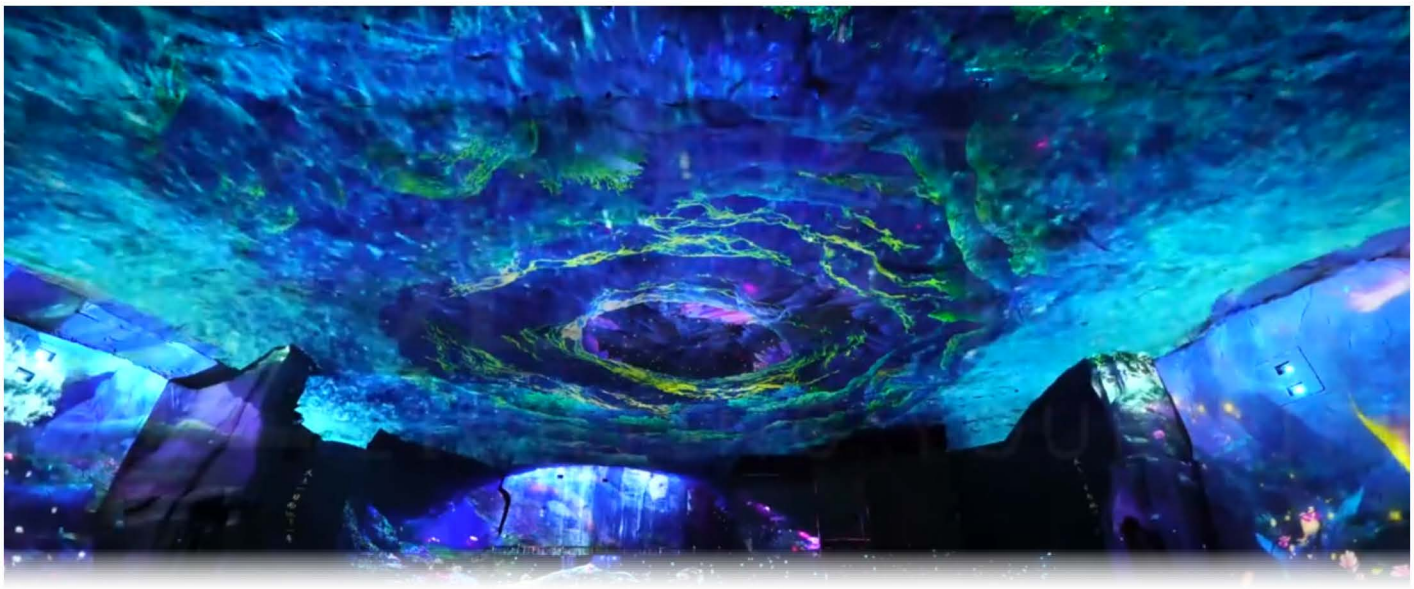







Karst Cave Projection

The cave projection utilizes the natural rock walls and stalactites of the caves as background elements. Through 3D mapping technology, stunning light and shadow effects are created, seamlessly integrating the visual images with the natural rock formations. This creates an immersive experience of a cave scene that has existed for millions of years, allowing visitors to be transported into a mysterious underground world filled with light and shadow.



【Application scenarios】









the projections of the caves allow centuries of time to be reborn within the light and shadow.

Cultural and Tourism Scenic Areas

Night tours of caves, lighting in geological parks.

Science education

Demonstration of geological evolution, popularization of natural sciences.

Cultural Exhibitions

Myths and legends, historical stories presented.

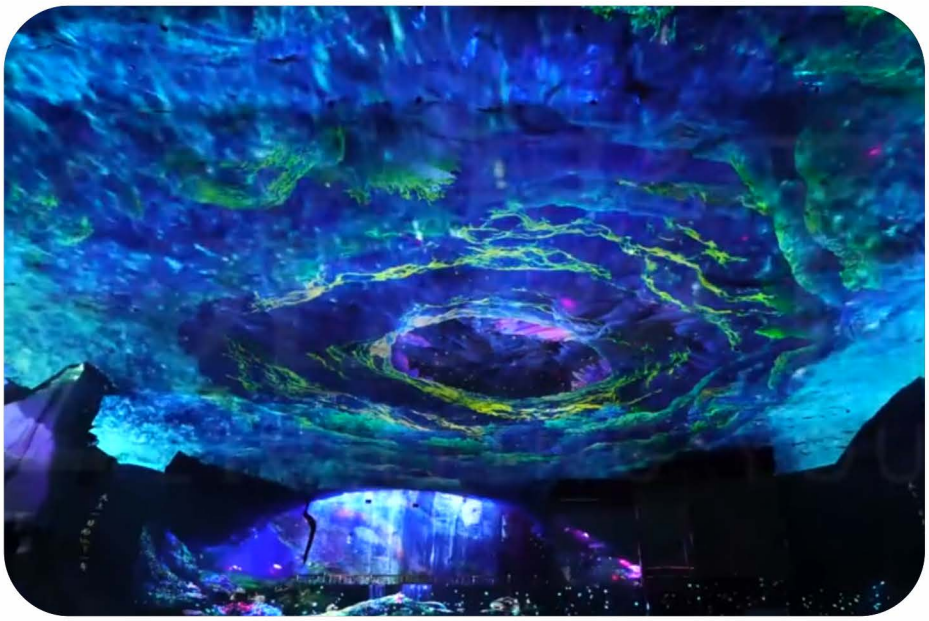
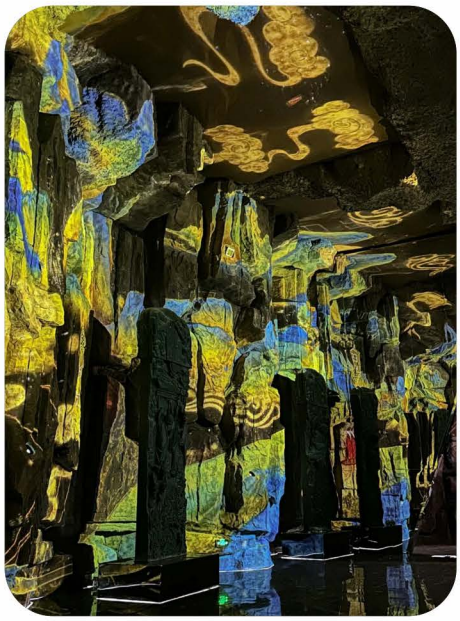
Parent-Child Interaction

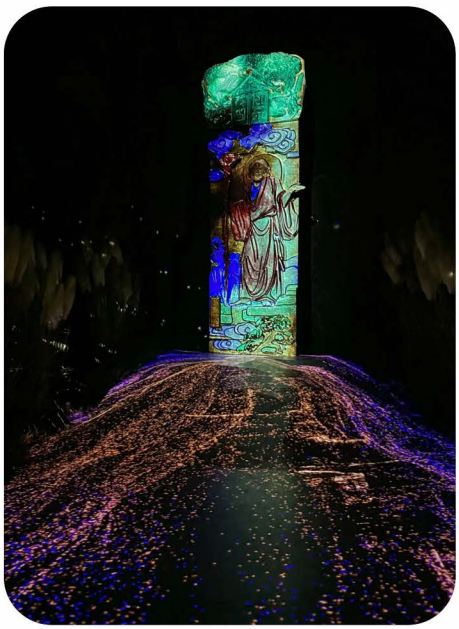
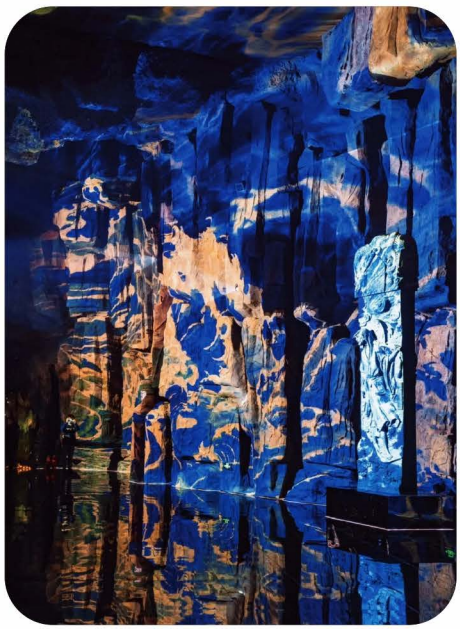
A dynamic experience where light and shadow interact together, making learning a fun and enjoyable process.

【Core Values】

- **The integration of nature and technology:** turning natural landscapes into carriers of light and shadow.
- **Cultural Empowerment:** Infusing stories and cultural elements into the caves.
- **Enhancing the value of the scenic area:** transforming from a traditional sightseeing experience to an immersive night tour experience.
- **Customizable content:** Suitable for different seasons, festivals, and themes.
- **immersive experience:** The audience walks through it, surrounded by light and shadow.

【Case Study】


Glasses-free 3D Projection

Bare-eye 3D projection technology eliminates the need for glasses. It uses optical and parallax techniques to deliver images to both eyes, creating an effect where the images appear to float and appear three-dimensional.



【Application scenarios】








No need for glasses!
3D vision at its best

Brand marketing

pop-up stores, product launch events, window displays.

Enterprise Exhibition Hall

Product models, brand stories, and future prospects.

Museums/Technology Centers

Restoration of cultural relics, scientific exhibitions.

Commercial Spaces

Mall courtyards, entrances, display windows.

Education Sector

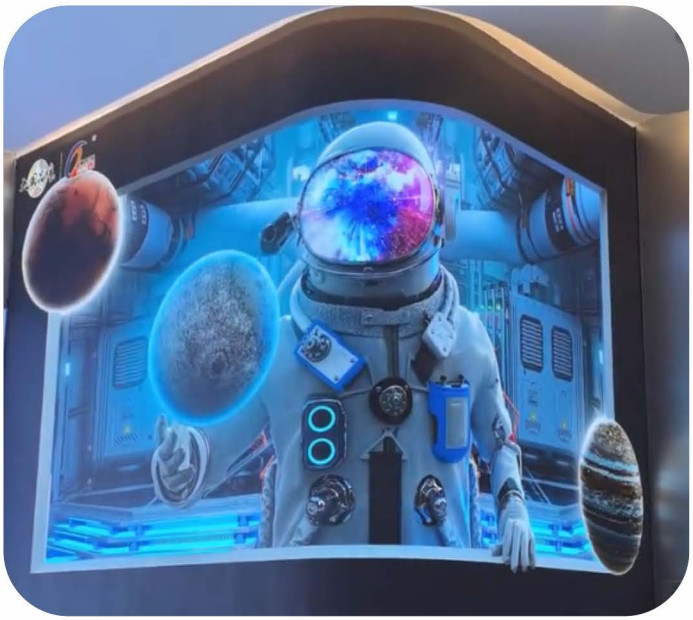
Three-dimensional teaching methods, scientific demonstrations.

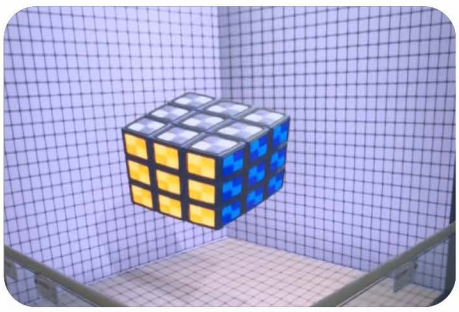
【Core Values】

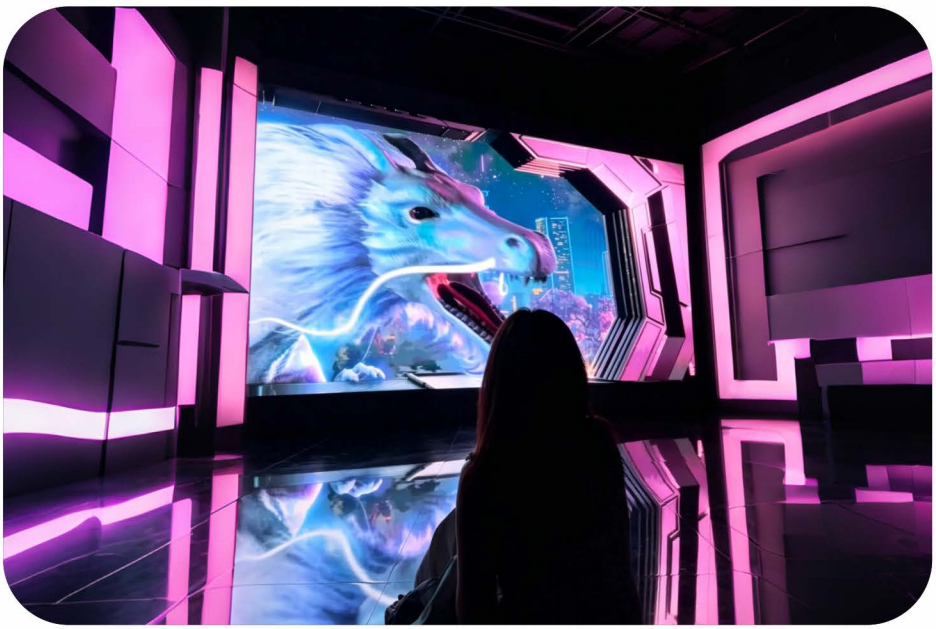
- **Unrestricted experience:** Viewers don’ t need to wear glasses, allowing for comfortable viewing experiences.
- **Strong visual impact:** The three-dimensional image floats in the air, offering a highly attractive appearance.
- **High value for dissemination:** Naturally possesses technological characteristics, making it easy to spread through social interactions.
- **Flexible adaptation:** Suitable for various scenarios such as business, cultural tourism, education, and industry applications

【Case Study】











Signature & Check-in Wall

The signature check-in system combines signature recording on a wall with interactive projection technology. Visitors can leave their names using touch, handwriting, or scanning codes. The information is displayed on the wall in real time, creating a dynamic collection of collective light and shadow works.



【Application scenarios】











Turning Every Signature into a Artistic Illusion.

Wedding Sign-in

Guests sign their names hand-written, creating a cohesive wedding-themed background.

Company annual meeting

Employees sign their names and upload photos, creating a wall of brand culture.

Brand pop-up stores

Consumers can leave comments, and electronic posters with the brand logo will be generated as a result.

Scenic Area Check-in

Tourists sign their names and take photos together, resulting in commemorative electronic certificates for the scenic area.

Exhibition opening

Guests sign their names and leave messages; updates are displayed on the projection screen.

School Event

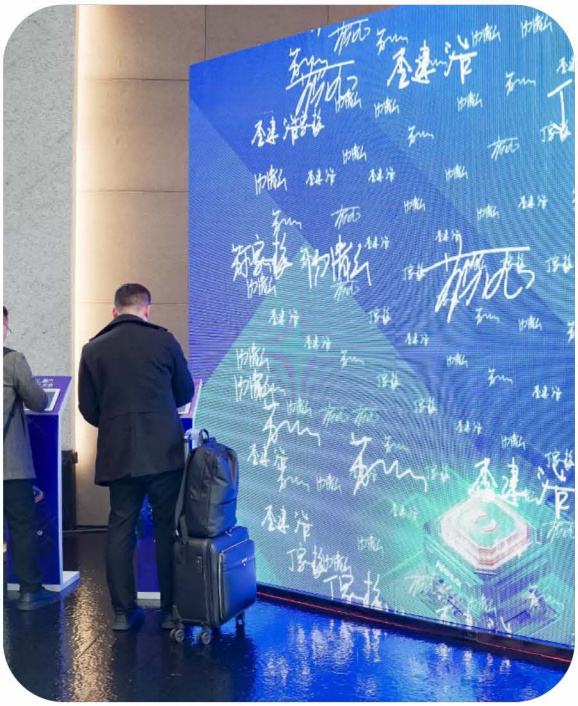
Students sign their names and write their blessings, creating a graduation memorial wall.

【Core Values】

- **High interactivity:** Participants can actively participate in the creation process, creating a strong sense of immersion.
- **Social Sharing:** Automatically generates electronic posters for sharing with friends in the Moments app, in just one click.
- **Visual stunning:** The dynamic lighting effects are far superior to traditional signature walls.
- **Flexible reuse:** Can be cleared with one click, used indefinitely, resulting in lower material costs.
- **Brand customization:** Dynamic logos and theme backgrounds that can be changed according to the event.

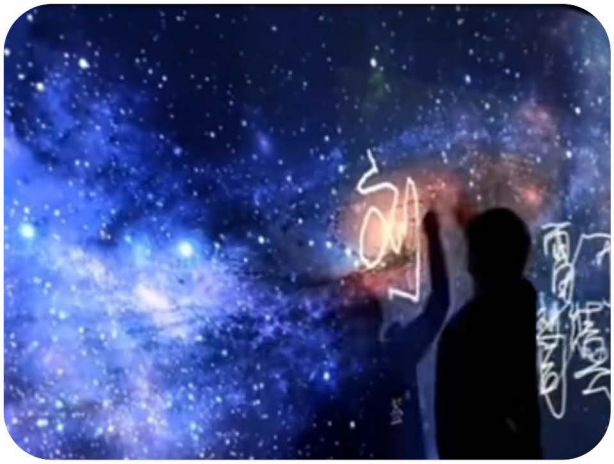
【Case Study】











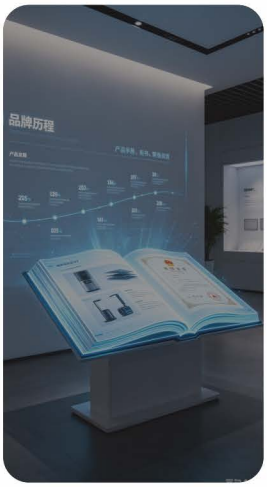


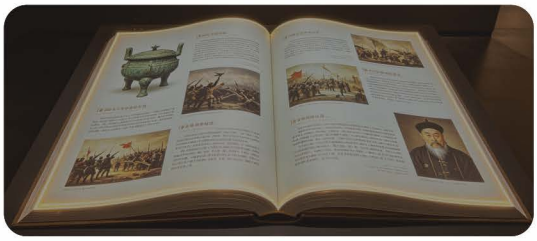
Interactive Flipbook Projection

This interactive projection technology relies on projection and sensing technologies to simulate the effect of physical book flipping. Users can flip pages and access multimedia content through gestures or touch controls. This approach combines the tactile feel of paper flipping with the advantages of digital interaction.



【Application scenarios】









interactive projection that turns every page turn into a point of exploration.

Museum

Introduction to cultural relics, historical events, biographies of famous people.

Science Museum

Information on scientific knowledge, scientific principles, and interactive experiments.

Enterprise Exhibition Hall

Brand history, product information, certifications and honors.

Urban Planning Museum

History of Urban Development, Planning Projects.

Schools/Libraries

Electronic textbooks, interactive picture books.

Commercial Spaces

Students sign their names Product catalogs, event descriptions.

【Core Values】

- **Experience something new:** page turning in the air, a sense of technology, and a stunning visual experience.
- **Natural interaction:** Maintain traditional book flipping habits, ready to use right away.
- **Flexible updates:** Content can be updated remotely, allowing for adaptation to various exhibitions.
- **Social communication:** The interactive process tends to lead to the creation of photos and check-ins.

【Case Study】



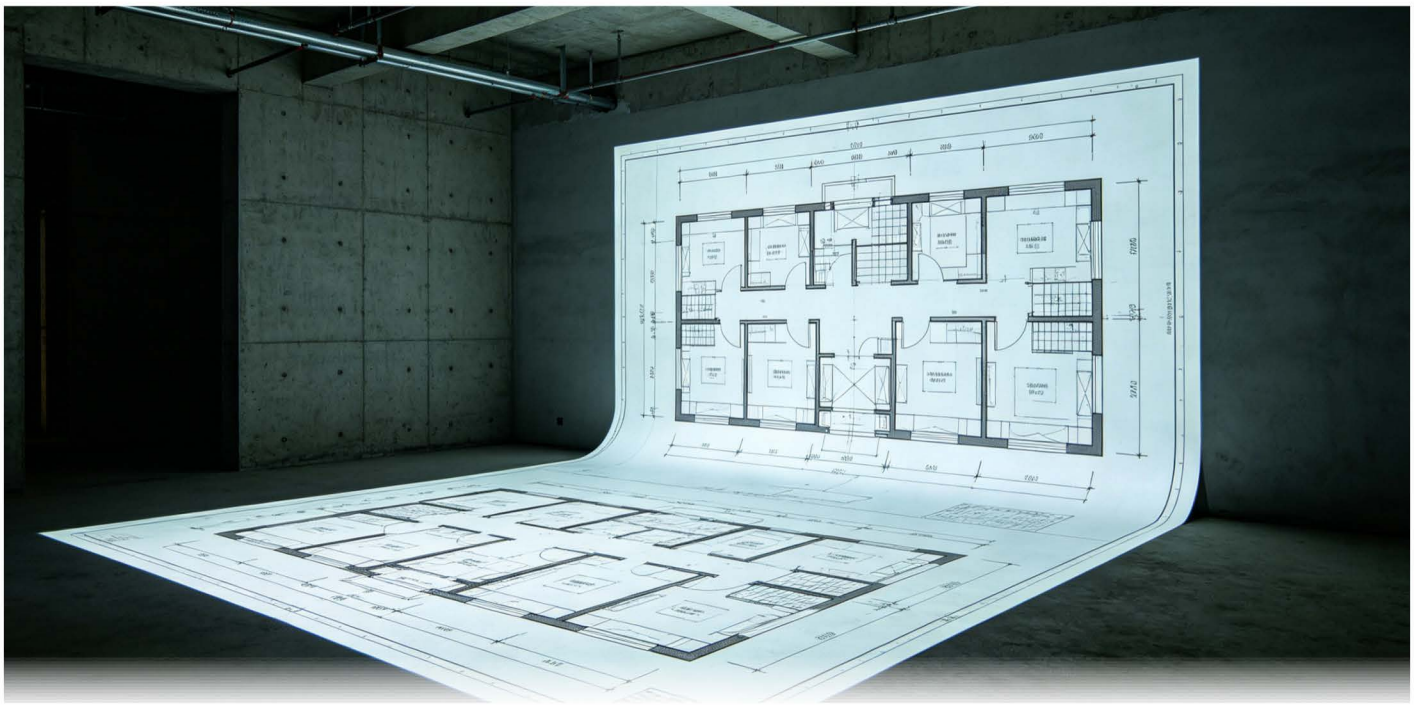






1:1Scale Projection Technology

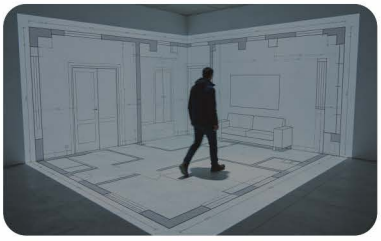
Planning projections utilize projection techniques to dynamically display various planning solutions on surfaces such as sand tables and walls. This allows for a more intuitive representation of spatial layouts, making it easier to showcase and discuss ideas.

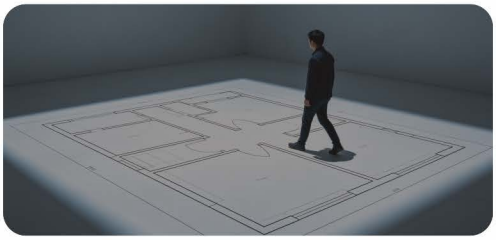


【Application scenarios】









dimensional manner, through the interplay of light and shadow. By projecting the plans onto a flat surface, every decision can be made more clearly.

Urban Planning Center

Urban master plans and regional development initiatives.

Real estate sales offices

Information about the layout of buildings and the distribution of green spaces.

Industrial Parks/ Industrial Zones

Optimization of traffic flow and traffic signals.

Campuses/Hospitals

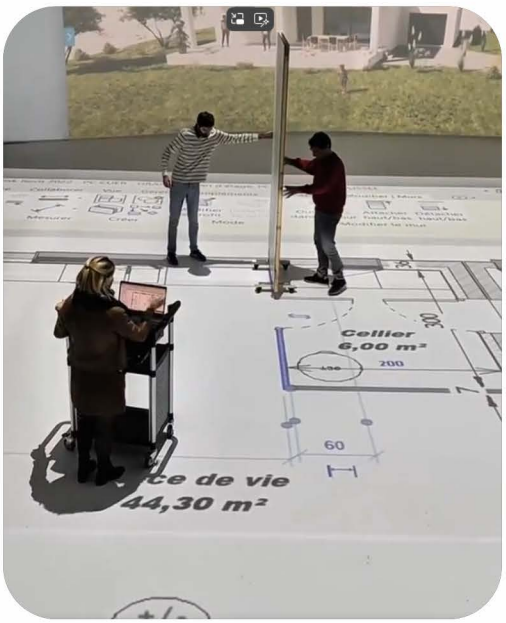
Overall planning and functional zoning

【Core Values】

- **Dynamic presentation:** bringing static planning to life.
- **High interactivity:** allows for touch-based interactions, and enables detailed exploration of details.
- **Data Fusion:** Combining planning with data visualization.
- **Effective communication:** Helps in making decisions and improves understanding efficiency.
- **Flexible updates:** Content can be quickly adjusted to adapt to changes.

【Case Study】











SN series

Indoor projection monitors

XGA(1024*768)
1.48:1



MYT-SN3200

XGA(1024*768)
0.7:1



MYT-SN4000

WXGA(1200*800)/WUXGA(1920x1200)
1.6~1.76:1(Customizable lenses)



MYT-SN-S5500

WUXGA(1920x1200)
0.235:1



MYT-SN-S6000

WXGA(1200*800)/WUXGA(1920x1200)
0.44:1/0.48:1



MYT-SN-S6500

WUXGA(1920x1200)
1.2~2.0:1(Customizable lenses)



MYT-SN-S6700

WXGA(1200*800)/WUXGA(1920x1200)
1.2~2.0:1(Customizable lenses)



MYT-SN-S7500

WXGA(1200*800)/WUXGA(1920x1200)
1.2~2.0:1(Customizable lenses)



MYT-SN-H8500

4K (3840x2160 pixels)
1.2~1.8:1(Customizable lenses)



MYT-DL8000-4K

WUXGA(1920*1080)
0.49:1



MYT-DL4500

WUXGA(1920*1080)
0.44:1



MYT-DL5000

WUXGA(1920*1080)
0.495:1



MYT-DL6800

For more information on model specifications, please contact customer service.

MYT-SN-S10K/12K

WUXGA(1920*1200)
1.46~2.95:1(Customizable lenses)



MYT-SN-S16K

WUXGA(1920*1200)
1.46~2.95:1(Customizable lenses)



For more information on model specifications, please contact customer service.

Other devices

Control devices



PC, fusion server ,Android

Software Section



mapping, fusion, playback,masking, center control,interactive, etc

Switching scheme

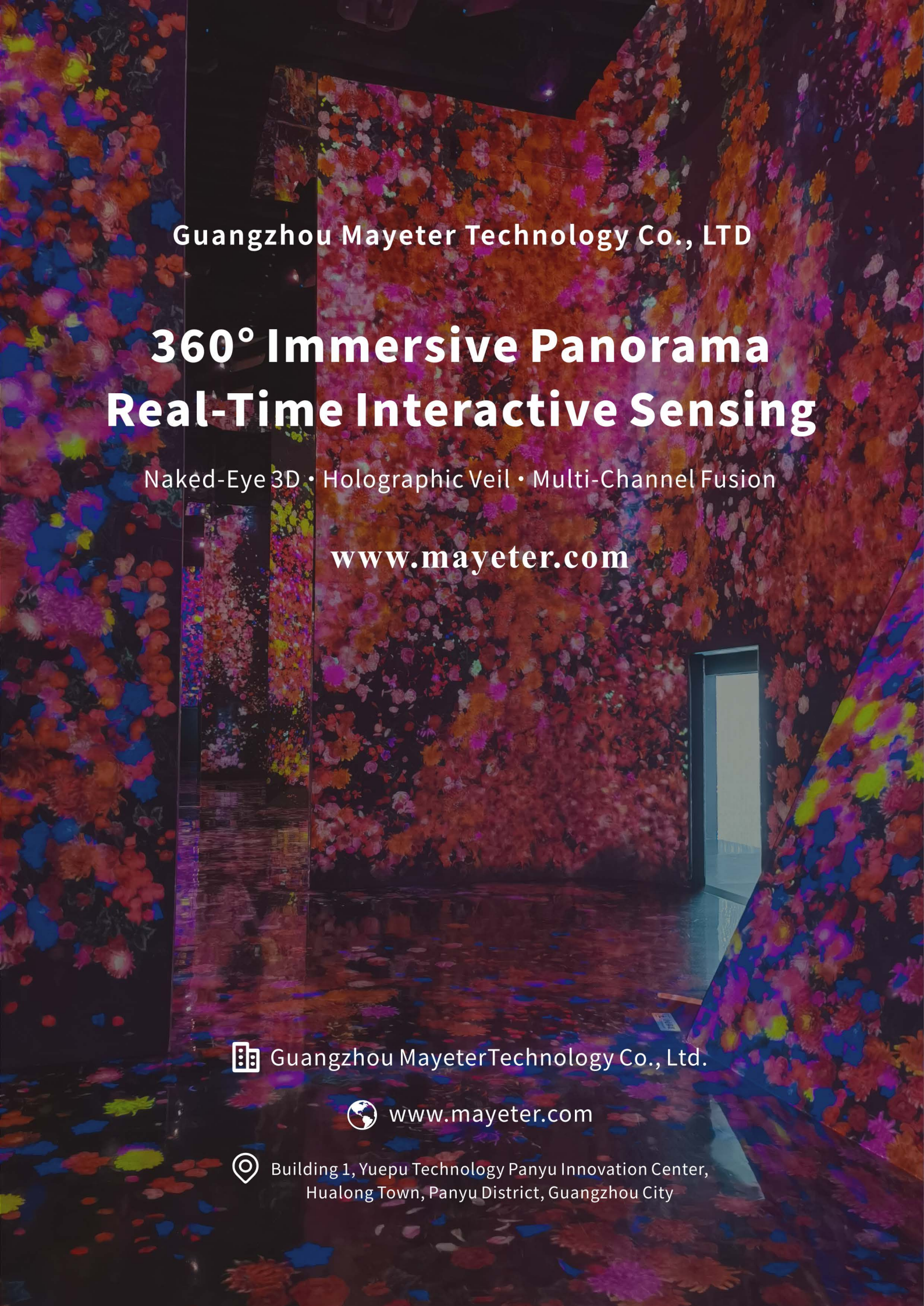


Remote control, tablets, smartphones, computers

Auxiliary equipment



cables ,brackets, professional audio,etc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