



Introduction of Outdoor Projector Enclosures

Shenzhen Shirui Display Equipment Co., Ltd.

Solutions for protecting your valuable projector equipment in any weather conditions.



Company profile

Shenzhen Shirui Display Equipment Co., Ltd. was established in 2012. It is a company specializing in the production of outdoor projectors, three-proof intelligent constant-temperature cabinets, constant-temperature and constant-humidity cabinets, network cabinets, commercial display products, and sheet metal processing. Our products are widely applied in various fields, suitable for Government and Public Announcements, large-scale conferences, shopping malls, squares, Outdoor Advertising, Sports and Stadiums, Cultural and Festival Events, Tourism and Attractions, etc.

We have a professional R&D team and advanced production equipment, dedicated to providing customers with high-quality, high-performance outdoor projector housing products and solutions, which have been unanimously recognized in this industry.



Product Introduction



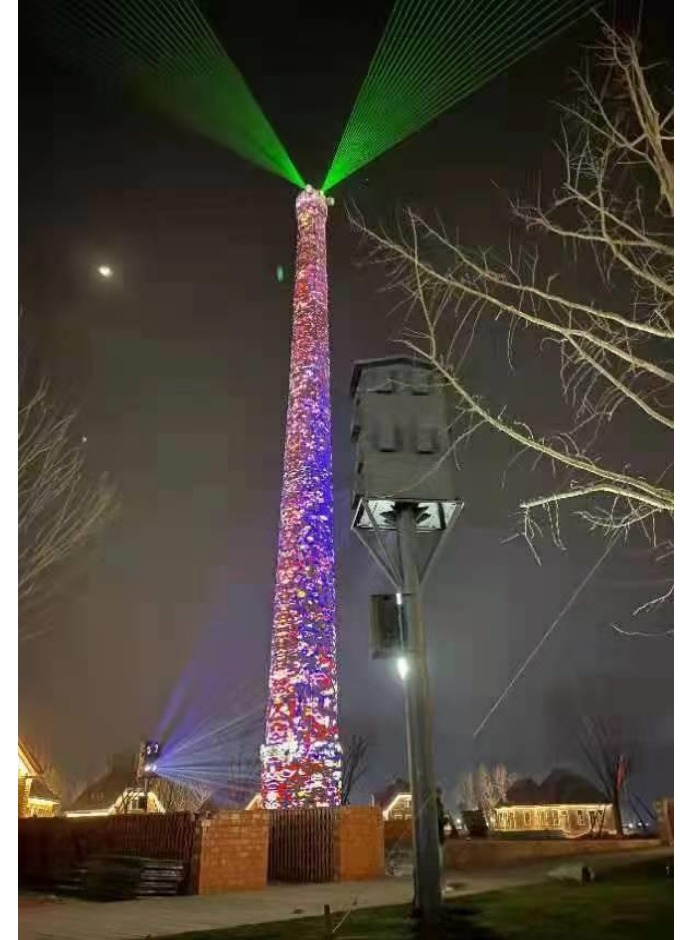
Our outdoor projector Enclosures are made of high-quality panels, coated with rust-proof and corrosion-resistant treatment on the surface. They have multi-functions such as waterproof, dustproof, moisture-proof, corrosion-resistant, constant temperature and humidity control, cooling, dehumidification, and heating. The products can be applied in outdoor cultural tourism, city night tours, advertising, exhibitions, and other fields, protecting projectors for safe operation in harsh outdoor environments and extending the projector's service life.

Our outdoor projector housing products have passed IP65, IP66, POHS, and EMC tests, demonstrating stable performance and excellent quality. We also offer personalized customization services, tailoring outdoor projector housing products and solutions according to customer needs and requirements.

Key Features

- **Weatherproof Protection:** Our outdoor projector enclosure is designed with a robust weatherproof construction, providing complete protection from rain, snow, dust, and extreme temperatures. With an IP65 rating, it ensures your projector stays safe in challenging outdoor environments.
- **Temperature Control:** The integrated temperature control system ensures optimal operating conditions for your projector. It prevents overheating in hot weather and maintains consistent performance even in cold conditions, extending the lifespan of your equipment.
- **Customization Options:** We offer custom and OEM solutions, allowing you to tailor the enclosure to your specific projector model and preferences. You can choose from a range of sizes and finishes to meet your unique needs.
- **Versatile Compatibility:** Whether you have a home theater setup, outdoor events, or commercial applications, our projector enclosure is compatible with a wide range of projectors, making it a versatile choice for various settings.
- **High reliability:** Crafted from high-quality materials, the enclosure offers long-lasting durability, ensuring your projector investment remains secure and functional over time.

Rely on its robust design, customizable options, and dependable weatherproofing to keep your projector safe and your outdoor entertainment memorable.



Product Type



Fan-cooled



Fan-cooled &
air-conditioned



Internal recycle
air-conditioned

Fan-cooled Type

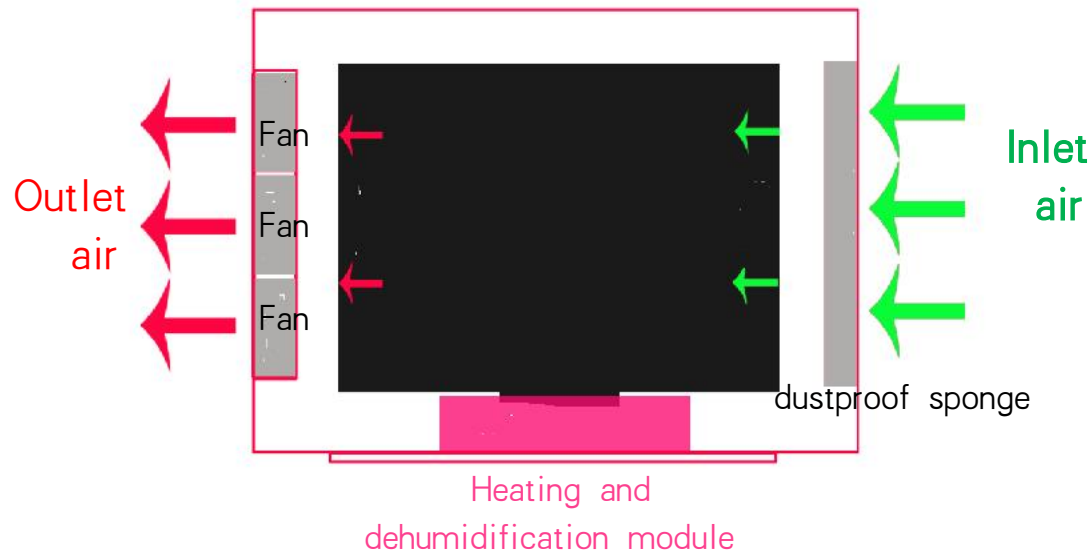
1. The cabinet body is made of high quality galvanized plate, with thickness 1.2/1.5/2.0/3.0 .You can choose stainless steel, aluminum alloy or other materials.
2. The surface layer is electrostatically sprayed and cured by high-temperature baking, with long service life and no peeling or cracking.
3. The projection window uses ultra-white optical glass with a transmittance of more than 95%.
4. It is equipped with an intelligent control system, including temperature sensors, humidity sensors, and heating dehumidification modules.
5. When the temperature is lower than 5 degrees and the humidity is higher than 90%, heating starts. When the temperature is higher than 10 degrees and the humidity is lower than 65%, heating stops.
6. When the temperature is higher than 25 degrees, the fan starts working; when the temperature is lower than 25 degrees, the fan stops , and the rotational speed changes with the temperature.
7. Protection level is IP65. The temperature and humidity are displayed in visual digital form.
8. The appearance shape can be specially customized
9. The Angle can be adjusted in multiple directions, up and down, left and right



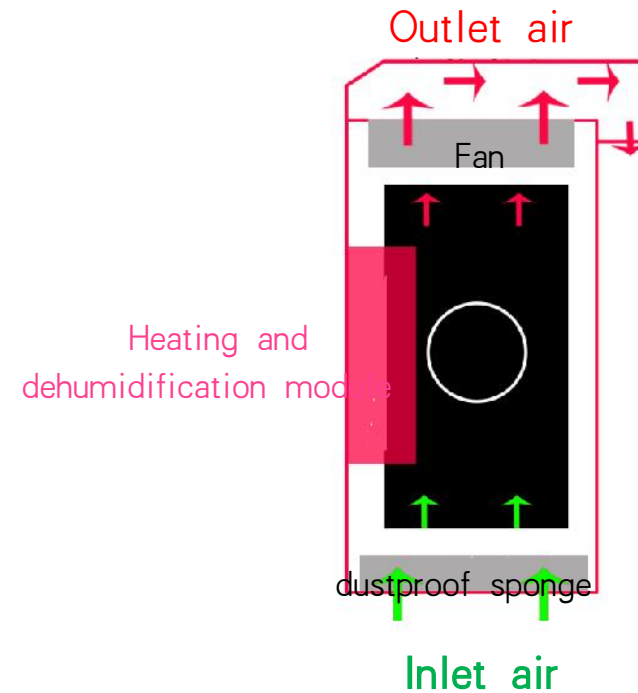
Fan-cooled Type

Note:

1. The fan startup temperature, heating startup temperature, and air conditioner startup temperature can all be set manually according to the actual situation.
2. The air inlet and outlet of the housing are designed based on the air flow requirements of the projector.
3. It can be made as a pull-out type for the projector.
4. It can be controlled via RS232/485 interface.



Parallel installed Diagram



Vertically installed Diagram

Fan-cooled and air-conditioned Type

1. The cabinet body is made of high quality galvanized plate, with thickness 1.2/1.5/2.0/3.0 .You can choose stainless steel, aluminum alloy or other materials.
2. The surface layer is electrostatically sprayed and cured by high-temperature baking, with long service life and no peeling or cracking.
3. The projection window uses ultra-white optical glass with a transmittance of more than 95%
4. It is equipped with an intelligent control system, including temperature sensors, humidity sensors, and heating dehumidification modules.
5. When the temperature is lower than 5 degrees and the humidity is higher than 90%, heating starts. When the temperature is higher than 10 degrees and the humidity is lower than 65%, heating stops.
6. When the temperature is higher than 25 degrees, the fan starts working; when the temperature is lower than 25 degrees, the fan stops , and the rotational speed changes with the temperature.
7. When the temperature is above 25 degrees, the air conditioner starts to work; when it is below 25 degrees , the air conditioner stops the cooling operation.
8. Protection level is IP65. The temperature and humidity are displayed in visual digital form.



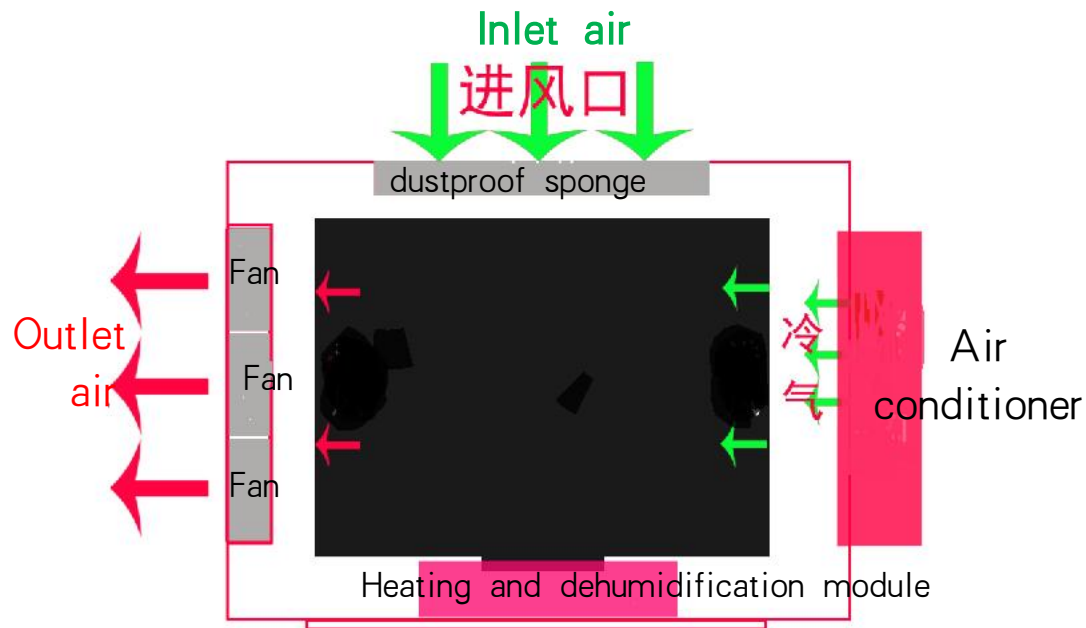
9. The appearance shape can be specially customized

10. The Angle can be adjusted in multiple directions, up and down, left and right

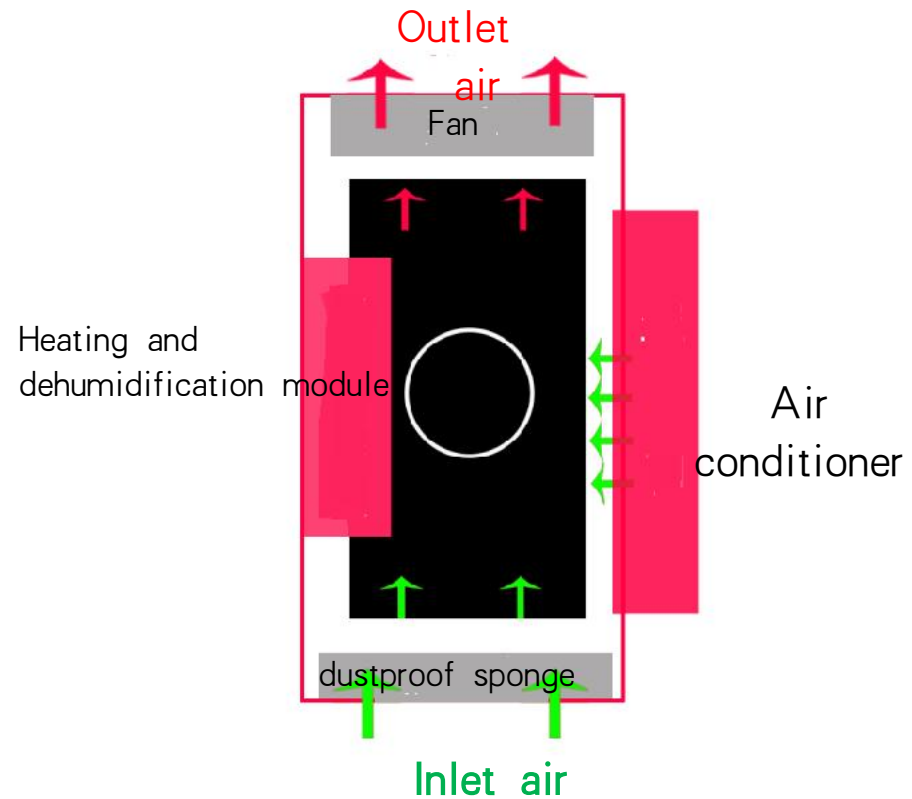
Note: 1. The fan startup temperature, heating startup temperature, and air conditioner startup temperature can all be set manually according to the actual situation.

2. The air inlet and outlet of the housing are designed based on the air flow requirements of the e projector.

4. It can be controlled via RS232/485 interface.



Parallel installed Diagram



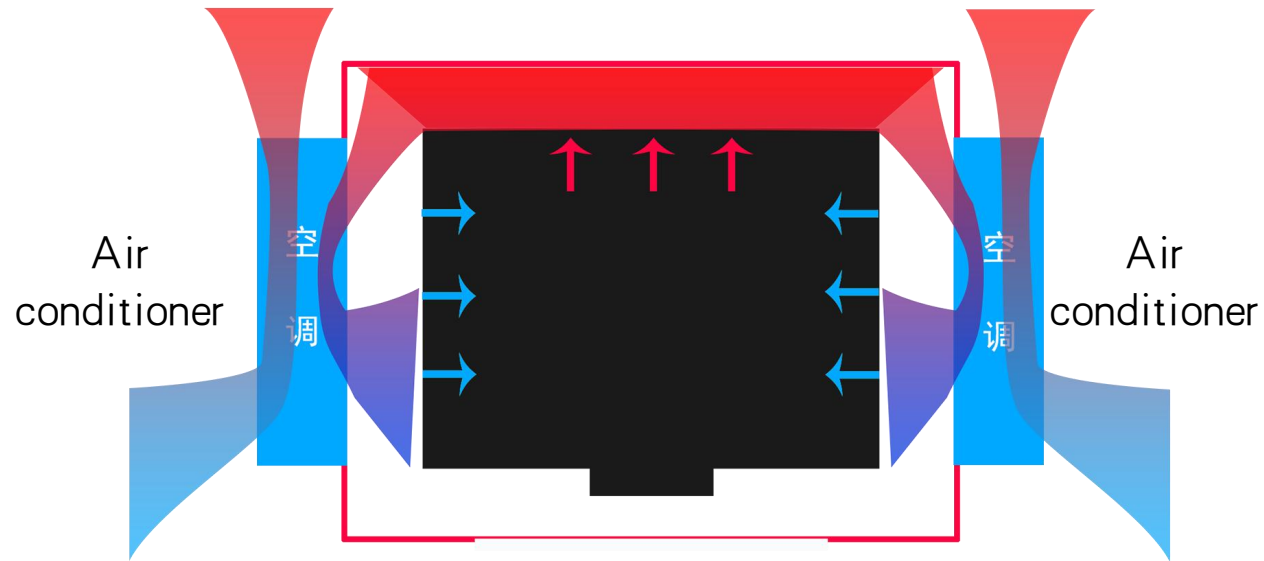
Vertically installed Diagram

Internal recycle air-conditioned Type

1. The Cabint body is made of high quality galvanized plate, with thickness 1.2/1.5/2.0/3.0 .You can choose stainless steel, aluminum alloy or other materials.
2. The surface layer is electrostatically sprayed and cured by high-temperature baking, with long service life and no peeling or cracking.
3. The projection window uses ultra-white optical glass with a transmittance of more than 95%
4. It is equipped with an intelligent control system, including temperature sensors, humidity sensors, and heating dehumidification modules.
5. When the temperature is lower than 5 degrees and the humidity is higher than 90%, heating starts. When the temperature is higher than 10 degrees and the humidity is lower than 65%, heating stops.
6. When the temperature is above 25 degrees, the air conditioner starts to work; when it is below 25 degrees , the air conditioner stops the cooling operation.
7. Protection level is IP65. The temperature and humidity are displayed in visual digital form.
8. The appearance shape can be specially customized
9. The Angle can be adjusted in multiple directions, up and down, left and right



- Note:
1. Heating dehumidification start temperature and air conditioner start temperature can be set manually according to the actual situation.
 2. The box body has no inlet and outlet air holes and is completely sealed. It is suitable for use in subway, seaside, and areas with strong sand and wind.
 3. It can be made as a pull-out type for the projector.
 4. It can be controlled via RS232/485



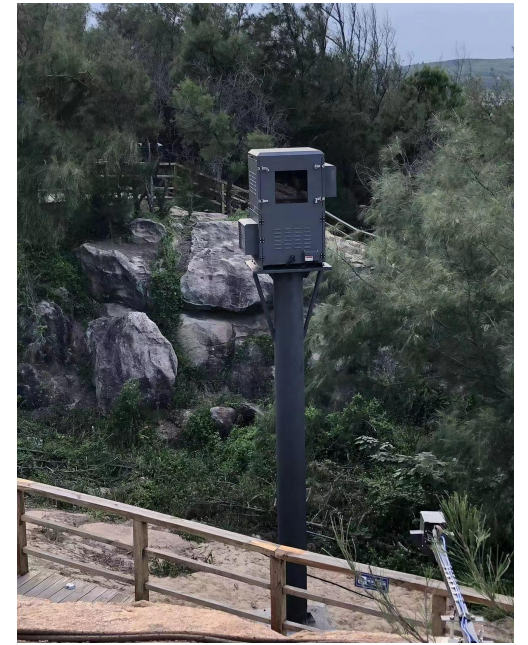
Main performance references



Our products have been successfully applied in more than one hundred projects all over the world. Hereby listed some main cases for your reference.



Fuzhou Pingtan International Tourism Island project



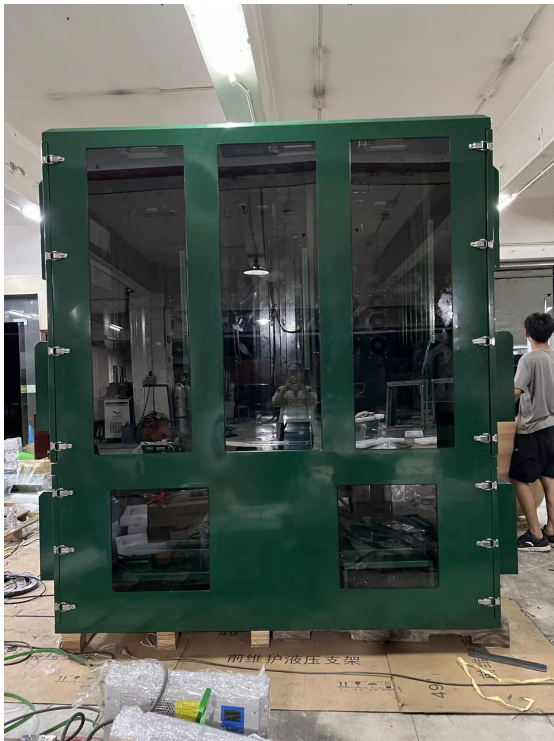
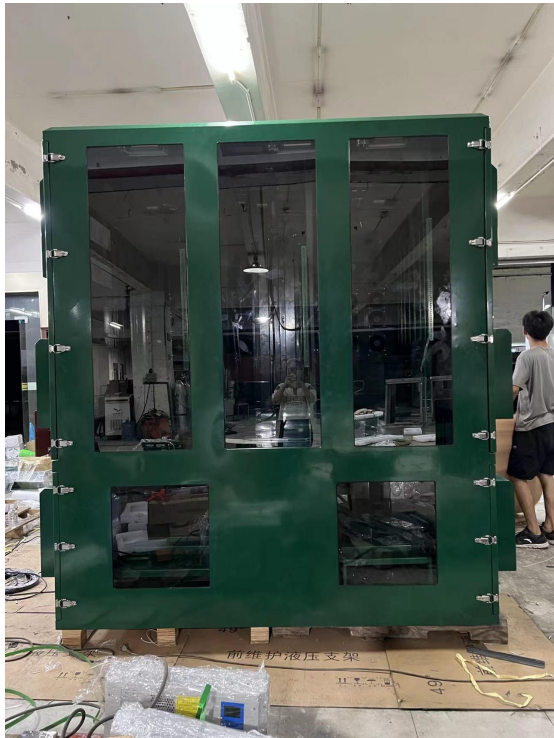
Shenzhen Longhua project
Project



Sichuan Quxian



Kanggu Valley Scenic Area in Chengkou, Chongqing



Xiangmu, Dongtai station project
Forest Park



Jiangsu Yancheng Urban



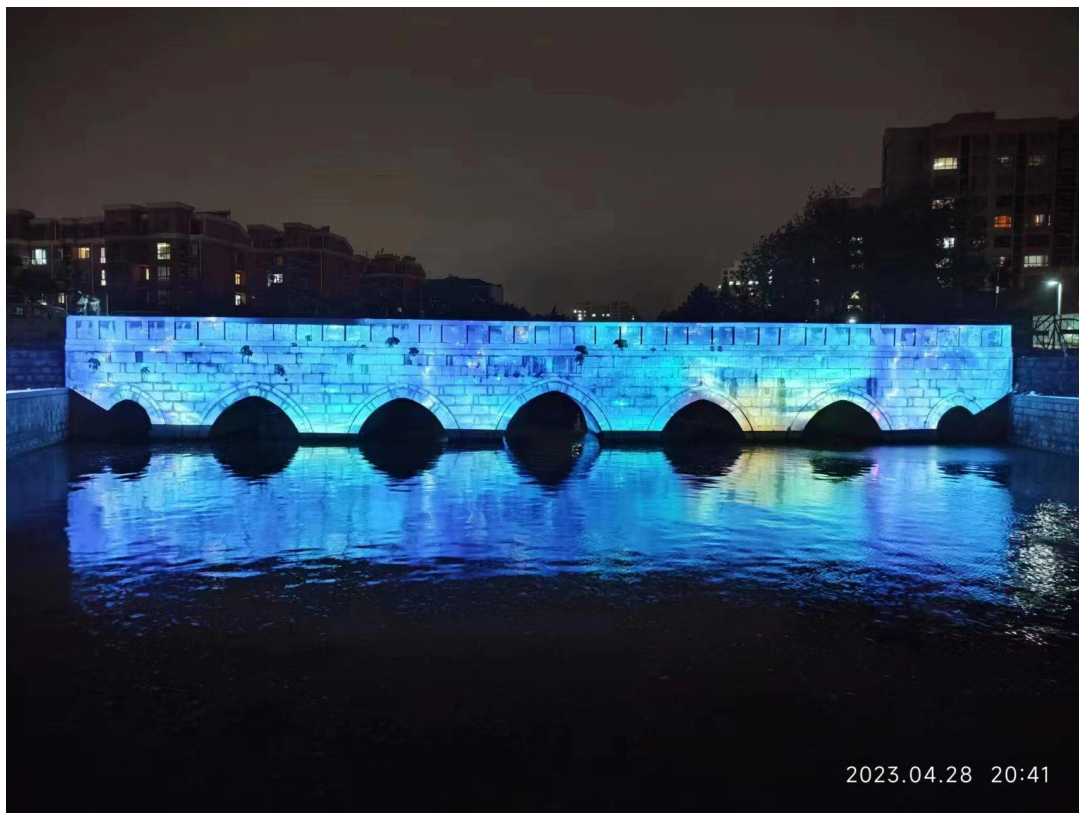
Pivilion Project



Nighttime Tour Destination in Binzhou, Shandong Province — with 40,000 Lumens of Light



Shandong Zibo Project —with 8000 Lumens light



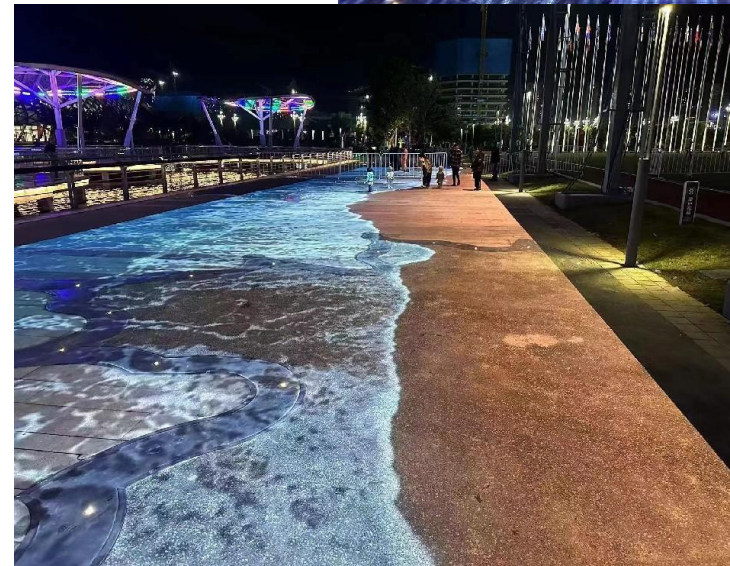
Ultra-short focal length reflective type



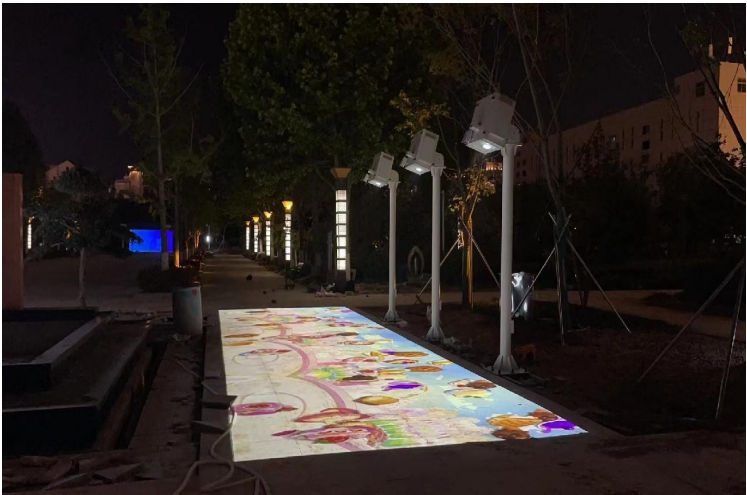
Xishuangbanna Project



Fengqi Lake Sculpture Square, Deqing County, Zhejiang, Huzhou — 20000 lumen wind-cooled



Shanghai Minhang Caojiatang Road



Xinjiang, Guangfeng 30K lumens with in-Circuit Air Conditioner



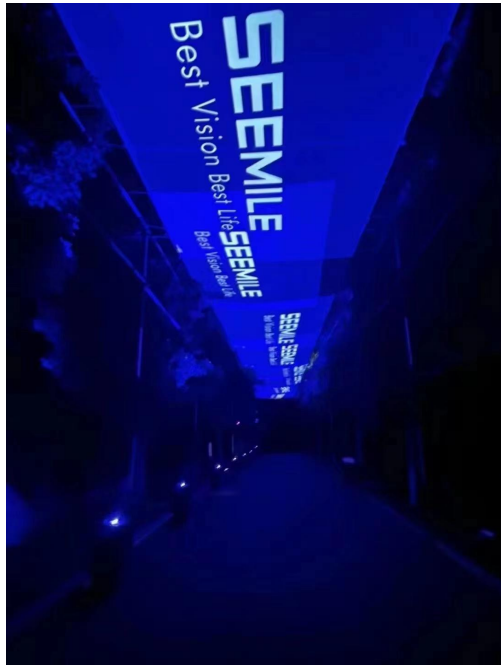
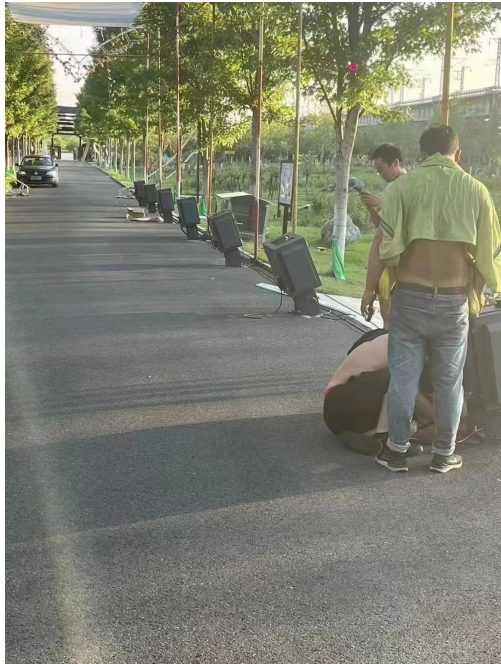
The ancient city of Yutanggan in Hetian, Xinjiang



Dawangshan Forest Park , Yunfu City , Guangdong

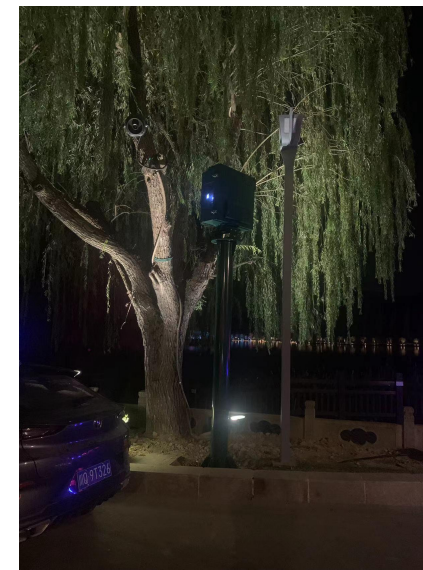


Fenglin Flower Sea Scenic Area, Hunan



Light show in Zhejiang Jiaxin

(Lexmark 6000, Kristie 6000,14000 , 25000,Barco 30000, 40000 lumens light projectors)



Light show in Dehuang Village, Jishou, Hunan

(25 units of Hisense 6000 lumens projector, 9 units of Barco 19000 lumens projector, and 6 units of Barco 40000 lumens projector.)





Thank you