

Intelligent Temperature Control and Air Conditioning in Outdoor Projector Waterproof Box

Our Product Introduction

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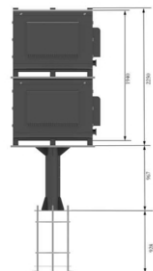
Basic Information

- Place of Origin: Shenzhen City, Guangdong Province, China
- Brand Name: shirui
- Certification: ip66/EMC/POHS
- Model Number: Non-standard customization
- Minimum Order Quantity: 5
- Price: Negotiation
- Delivery Time: 15 to 20 working days
- Payment Terms: T



Product Specification

- Mounting Options: Wall Mount, Pole Mount, Or Ceiling Mount
- Certifications: Ip66/EMC/POHS
- Waterproof Level: IP66
- Cable Management: Built-in Cable Gland
- Temperature Range: -5°C to 40°C
- Color: Accept Customized
- Size: Can Be Customized
- Ventilation: Built-in Fan And Ventilation Holes
- Additional Features: Waterproof, Dustproof, And Anti-corrosion
- Material: Galvanized Sheet
- Highlight: outdoor projector housing, waterproof projector housing, ip66 outdoor projector waterproof box



More Images



Product Description

Intelligent Temperature Control and Air Conditioning in Outdoor Projector Waterproof Box

1. Thermostat-air conditioning+air cooling version-realizable functions (non-standard customization)

- 1) Heating module, with temperature $\leq 5^{\circ}\text{C}$ and humidity $\geq 85\%$, starts heating, and stops heating when the temperature rises to 10°C and humidity $\leq 75\%$.
- 2) reserve 16A or 10A multifunctional socket;
- 3) The power supply of the projector is equipped with an AC contactor. If there is a fault alarm, the power supply will be switched on immediately to protect the projector.
- 4) If the temperature in the cabinet is higher than the preset value (30°C) $\geq 2^{\circ}\text{C}$, the air conditioning and refrigeration will start, and if it is lower than the preset value $\leq 2^{\circ}\text{C}$, the refrigeration will stop working.
- 5) The indoor temperature is higher than the preset value (35°C) $\geq 2^{\circ}\text{C}$, the fan cooling system is started, and the fan stops working when it is lower than the preset value $\leq 2^{\circ}\text{C}$

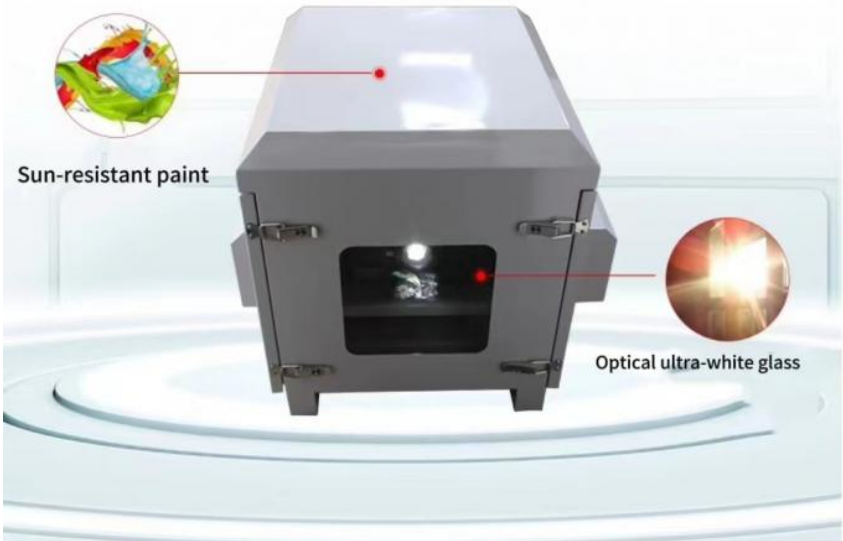
strong voltage protection

Built-in equipment for automatic removal of smoke and water level and strong voltage protection



Sun-resistant paint

The interior adopts strong wind curing to strengthen the structural design, the exterior adopts sun-resistant paint, and the durable projection port adopts 95% light transmittance optical ultra-white glass.



Total protection life increased by 25%

Waterproof, dustproof, heating, cooling, dehumidification waterproof door water guide design, easy to install and maintain the projector.



2.Specification

Specification	
item	value
Place of Origin	China
	Shenzhen, Guangdong
Brand Name	thisshirui
Cabinet Standard	According to customer's request
Protection Level	IP65
Type	Outdoor projector housing
External Size	can customize

Material	Powder paint
Type	Equipment Enclosure
Product Name	Outdoor projector housing
Material	Galvanized sheet
Surface treatment	Powder paint
Application	Outdoor Projector box
Function	climate control
Custom Service	Offerable
Feature	OEM ODM Support
Color	Accept Customized
IP Rating	IP66Waterproof Box
Ambient Temperature	-15 to 50 degree (5-122)
Ambient Humidity	0-100%
Temperature Control	5-40°C
Humidity Control	10-80%
Voltage and Frequency	220V-50HZ

3.FAQ

1. who are we?

We are based in Guangdong, China, start from 2014,sell to Domestic Market(5.00%),Southeast Asia(3.00%),Mid East(2.00%). There are total about 11-50 people in our office.

2. how can we guarantee quality?

Always a pre-production sample before mass production;
Always final Inspection before shipment;

3.what can you buy from us?

Outdoor projector housing,Projector protective box,Projector waterproof box,Outdoor network cabinet,Sheet metal processing

4. why should you buy from us not from other suppliers?

We have an independent design and R&D team and 10 years of industry experience.

5. what services can we provide?

Accepted Delivery Terms: FOB,EXW

Accepted Payment Currency:USD,EUR,JPY,CAD,AUD,HKD,GBP,CNY;

Accepted Payment Type: T/T;

Language Spoken:English,Chinese

6. Where can I get product & price information?

A: Send us an inquiry e-mail, we will contact you as we receive your mail.

4.Outdoor Projector Enclosures Example



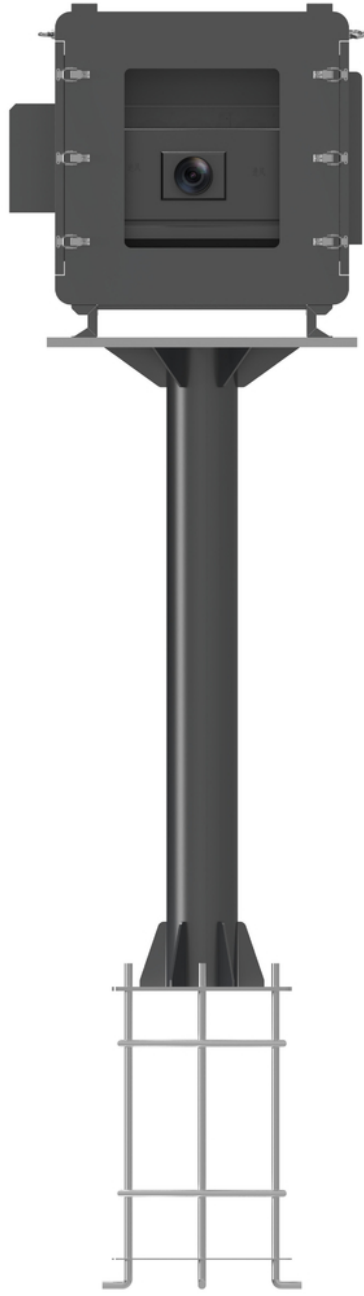
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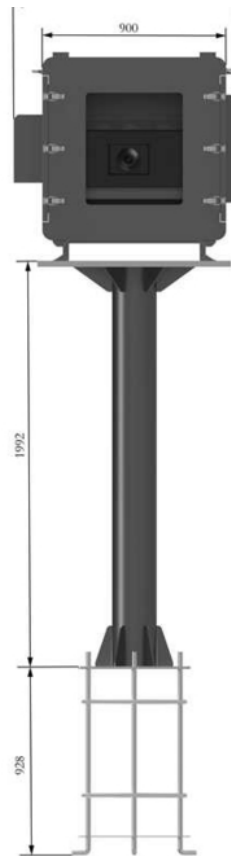


23mm f/1.6 1/25s IS









5. company profile

Shenzhen shirui presentation equipment co., ltd ,is a sheet metal processing company that mainly focuses on solutions for outdoor projector protective box solutions. it also provides sheet metal processing such as outdoor network cabinets, projector pan-tilts, and shell waterproof boxes! The company has been committed to providing the best outdoor use solutions for major projector agent and project integrators. The products are suitable for various outdoor scenes such as cultural tourism night tours, garden landscaping, 3D MAPPING, architectural projection, water curtain projection, mountain projection, cave projection, car theaters, exhibition hall displays, etc



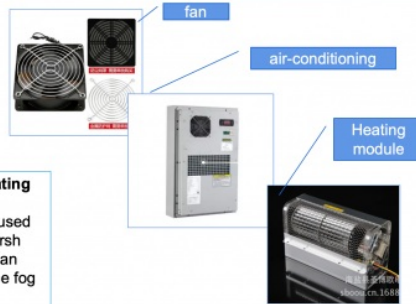
6. Moistureproof box configuration version

Moistureproof box configuration version

配置

1. The fresh air system+heating module (air cooling)

uses an industrial silent fan to fan the heat, and draws out the hot air in the box and sucks in the fresh air at the same time to form a circulation effect, which reduces the heat discharged by the projector in the box, and the heating module removes the fog of glass beads and dehumidifies.



2. Fresh air system (air-cooled)+air conditioner+heating module

fan+air conditioner is called dual system, and it can be used on large lumen machines, and it can also be used in harsh weather environment. Besides cooling, air conditioner can also dehumidify, and the heating module can remove the fog of glass water beads to dehumidify.

Production process materials

Production



design drawing

Designers model and design the shape, and export CAD drawings to customers to confirm the size and appearance.



laser cutting

After confirming the drawings and production materials, use the confirmed drawings for laser cutting.



bend

Folding the box shape by a six-axis bending machine for molding.

The folded parts are welded to complete the box by hand, and then polished for baking paint.



weld

Anti-static powder paint is waterproof, anti-corrosive, anti-static and high temperature resistant.



stove varnish

After baking, the finished product is assembled and tested, and the factory parameters are set and shipped without problems.



Reassemble

Production process materials

Production box material

Galvanized sheet



镀锌板

Galvanized sheet is a commonly used material, and its thickness is 1.2-1.5-1.8, which is more rust-resistant than cold-rolled sheet.

201 stainless steel



201不锈钢

The anticorrosion effect of 201 stainless steel is worse than that of 304, and better than that of galvanized sheet, so it can be used in non-seaside wet areas.

304 stainless steel



304不锈钢

304 stainless steel is food grade, with good anticorrosion effect and high material price, which is suitable for use in the environment with serious corrosion by the sea.

cold-rolled plate



冷轧钢板

Cold-rolled steel is usually used as floor cage flange, box flange, external adjustment and fixing bracket, and the thickness is usually 3-4 mm.

7.Craft show

Craft show

Large laser cutting machine



Mechanical arm welding



Large six-axis bending machine



Eight-axis high-precision bending machine



8.Waterproof test of projector shell

9.Celebrating the 91st birthday of the Queen Mother of Thailand, sharing the case of outdoor projector

10.Packing & Delivery



To better ensure the safety of your goods, professional, environmentally friendly, convenient and efficient packaging services will be provided.

Outdoor Projection Box ,

Product design

CAD drawing for approval

Swimming pool options for extreme humidity and heat,

High humidity – Cave systems/underground/tunnel options for damp environments,

Portrait, landscape or inverted

Any number of doors,

Thermal insulation,

Any mounting i.e. uni-strut or M8 threaded studs,

Any RAL colour finish,

Any orientation - Vertical, landscape or portrait,

Any IP rated cable entries. eg: Data, HDMI , SDI

11.Foreign customers come to visit the factory to buy products.



12. Lead time

Quantity (pieces)	1 - 50	> 50
Lead time (days)	20	To be negotiated

13. Video Description



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