

ZEN91



15 years of industry experience
INDUSTRY EXPERIENCE



50+ service network
SERVICE OUTLETS



30+ national patent
NATIONAL PATENT



12+ core system
CORE SYSTEM



12+ competitive edge
LEADING ADVANTAGE



Anti-climbing



Baking Finish



Two-way Face
Recognition



Waterproof and
Dustproof



Patented Design

Functional Features:

- 1.The movement has obtained a national invention patent, a utility model patent, and a software copyright for the drive system.
- 2.Modular waterproof movement design enables independent maintenance, which is simple and efficient.
- 3.High-precision metal bearing transmission, zero friction, and low resistance.
- 4.Equipped with an automatic zero calibration function.
- 5.Multi-layer anti-pinch detection with current, position and infrared sensing.
- 6.Features fault self-detection.
- 7.Features an automatic reset function: after the gate opens, if no passage is made within the specified time, the system will automatically revoke the user's current access permission, with the standard reset time set to 3 seconds after opening.
- 8.Industrial-grade low-power consumption electronic components for high stability.
- 9.The mechanical parts are manufactured with CNC precision machining, and the connectors. are treated with high-temperature quenching, ensuring no deformation during long-term operation.
- 10.Supports customization in multiple colors.
- 11.RGB colorful ring ambient light.
- 12.Ultra HD biometric identification and mobile cloud-based personnel management.
- 13.Concealed screw fixation.
- 14.Glass doors, acrylic doors and collapsible steel doors are available to meet the needs of different scenarios.
- 15.1.8m-high door with anti-climb and anti-ram design.



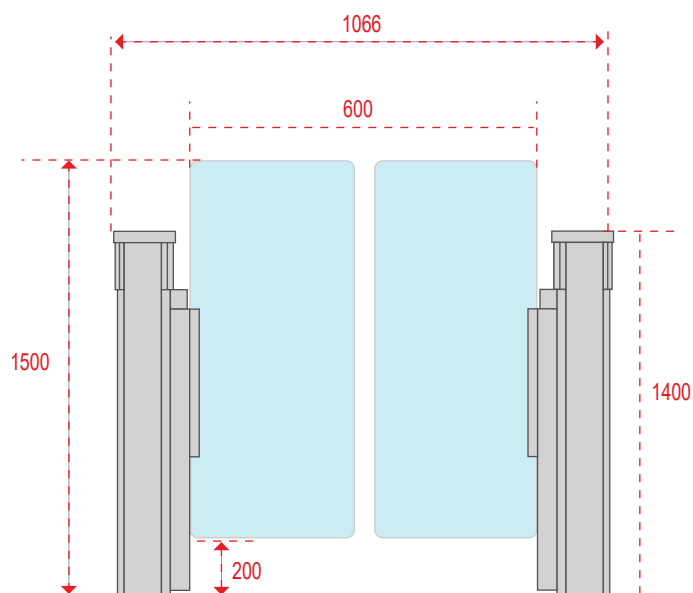


Technical Parameters

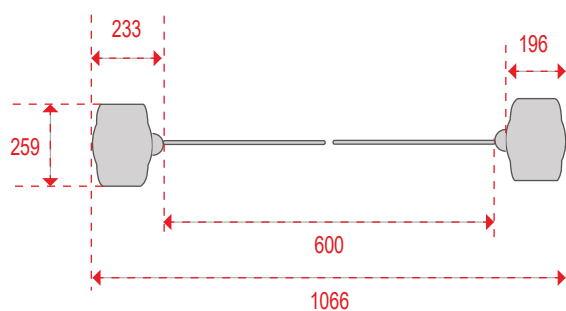
Overall Dimensions	1400*233*258mm
Material Structure	Carbon Steel、 Alumina、 Tempered Glass、 Acrylic
Passage Width	Standard: 600mm (Customizable up to ≤900mm)
Cabinet Thickness	1.5mm, Base Plate Thickness: 10mm
Drive Motor	24V DC Servo Motor
Control Board	Servo Control System
Passage Direction	One-way Access/Bidirectional Passage
Operating Speed	0.5~0.8S
Gate Opening Method	Biometric recognition, ID/IC card and remote control switch
Gate Opening Signal	Dry Contact , RS232
Protection Function	Electronic Clutch Anti-Collision Solution
Service Life	12 Million Times
Number of Infrared Sensors	2 Pairs + LiDAR
Motor Power	60-100w
Working Temperature	-20~70°C (Thermostat Optional)
Operating Environment	Indoor



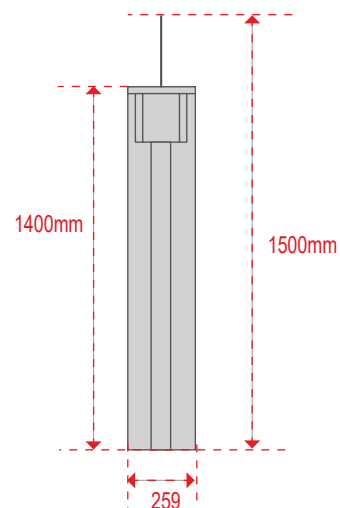
Product Dimensions



Front View



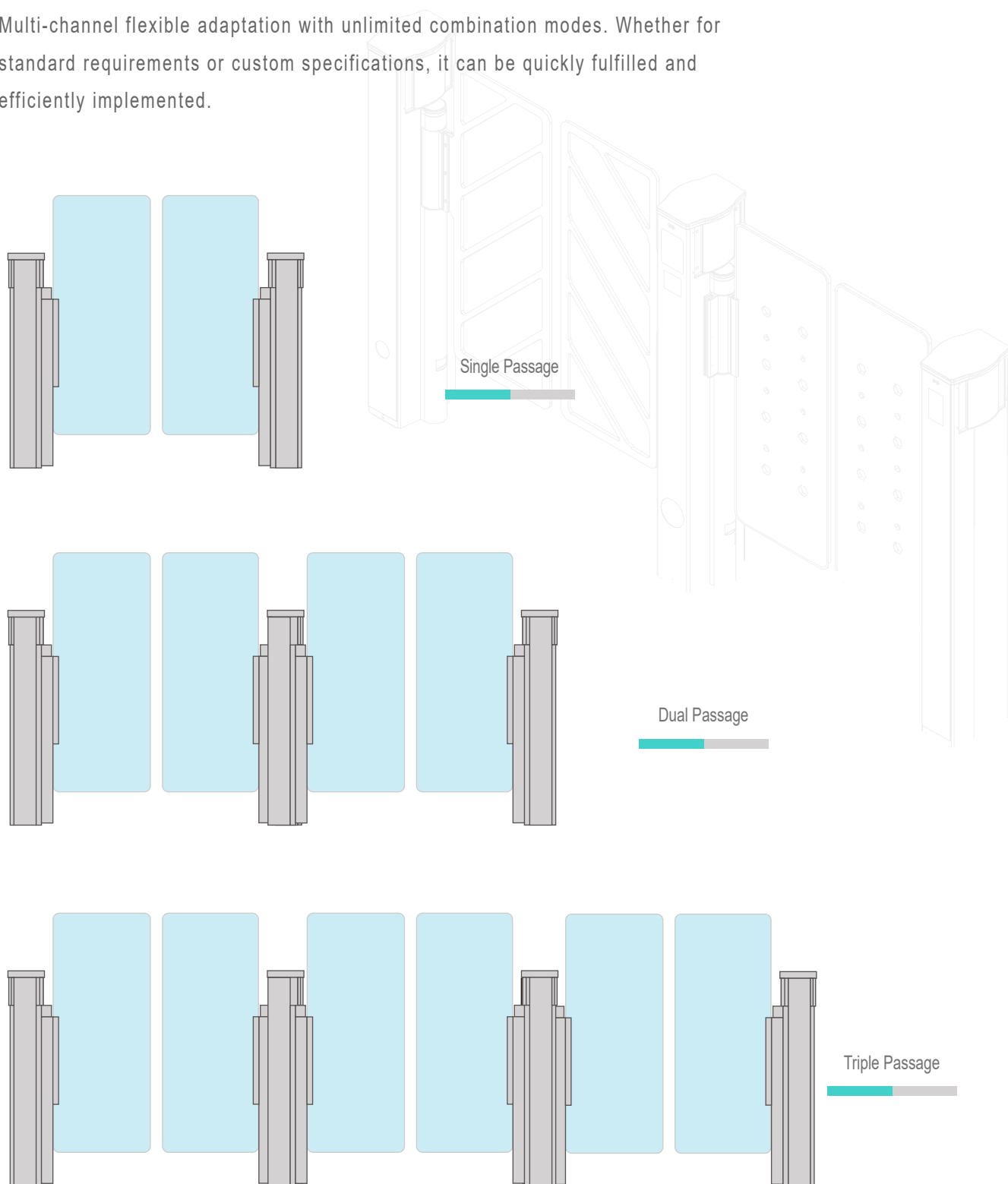
Top View



Left View

Passage Type

Multi-channel flexible adaptation with unlimited combination modes. Whether for standard requirements or custom specifications, it can be quickly fulfilled and efficiently implemented.



Multi-passage units can be freely disassembled and combined without restrictions, which precisely meets every customized requirement and makes the solution more in line with your expectations.

Multiple Configurations for Unlimited Combinations

Multi-passage systems enable flexible adaptation with unrestricted combination modes. Freely disassemblable and infinitely combinable, they precisely meet every customized requirement and deliver solutions that fully align with your expectations.



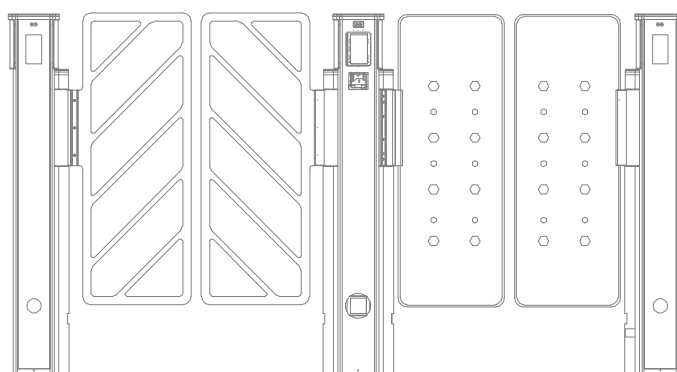
Configuration A: 1400mm Cabinet + Carbon Steel Painted Swing Gate



Configuration B: 1400mm Cabinet + Acrylic Hollow-out Swing Gate



Configuration C:
Extended Cabinet (1800mm) + Tempered Glass Swing Gate



Configuration D:
Heightened Cabinet (1400mm) + Swing Gate with Acrylic
& Carbon Steel Painted Finish