



SAFETY
LEVEL

AESTHETICS

COSTING

Optical Flap Gate

The Optical Flap Gate is our most classic wing-style gate, featuring a retractable flap mechanism for both entry and exit. This design enables faster and more efficient pedestrian flow, especially during peak hours.

Crafted entirely from high-quality stainless steel, the body of the gate offers exceptional strength, durability, and long-term reliability.

Features

- Compatibility: Supports integration with all types of access control systems.
- Adjustable Passage Width: Can be extended up to 900mm for wider access.
- Energy Efficient: Designed for low power consumption.
- Smooth & Quiet Operation: Runs with minimal noise and ensures seamless performance.
- LED Indicators: Green and red LED lights display passing status.

Customized Service

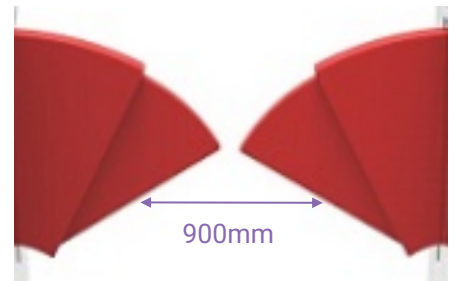
- Customizable Design: Appearance color can be tailored to match the installation environment.
- Branding Options: Custom logo placement is available.
- Adjustable Arm Width
- Configurable Sensors: The number of infrared sensors can be customized as needed.



Infrared Sensors (Optional)



Custom Logo



Extensible arm designed for wider lanes



Anti-pinch Function



LED Indicators



Safety Requirements Arms Retract Automatically

Access Control System

Seamlessly integrates with any third-party access control system.



Card and QR / Barcode



Remote Control



Touchless Button



Card



QR Code



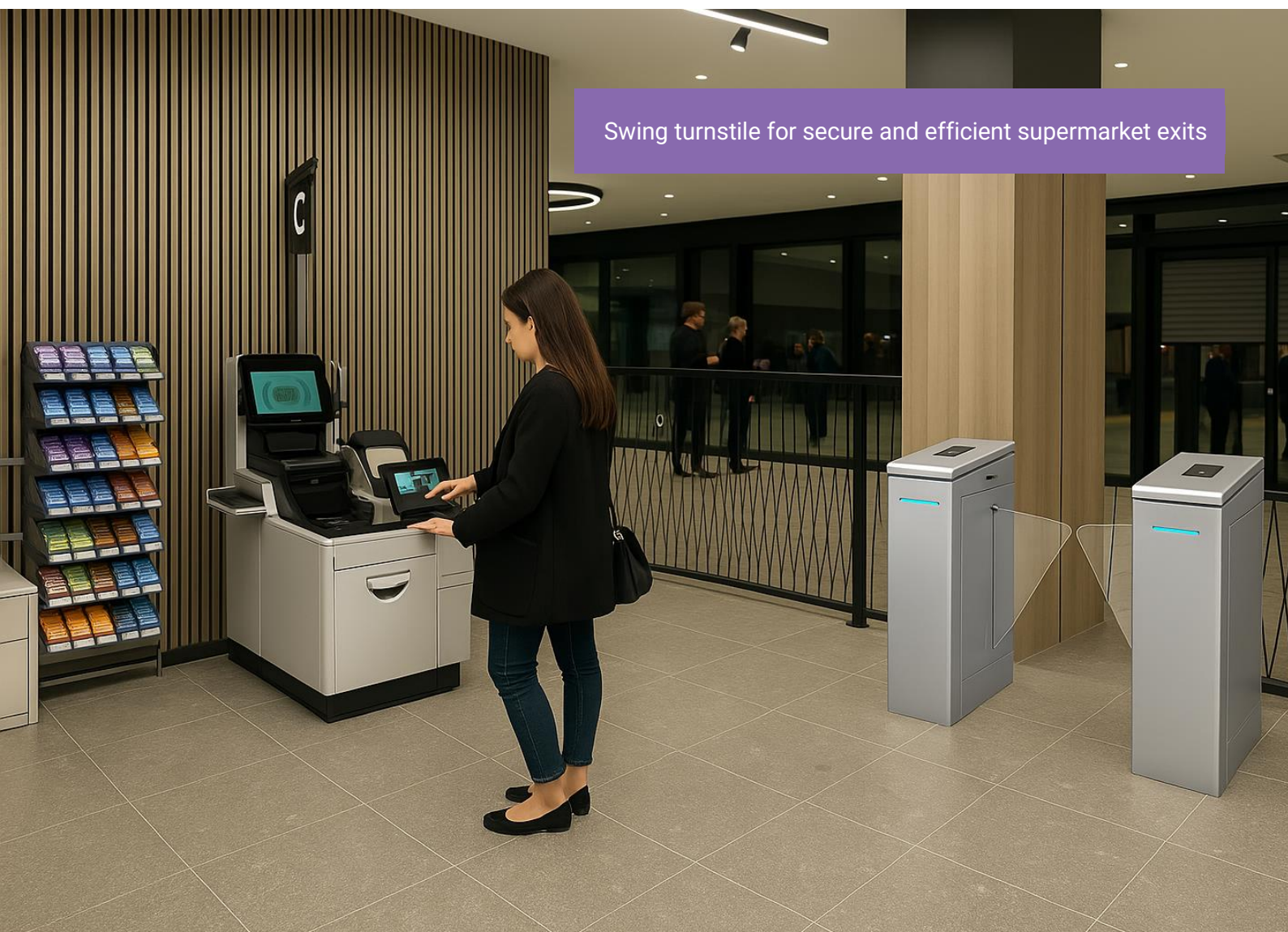
Fingerprint



Face



Palm Vein

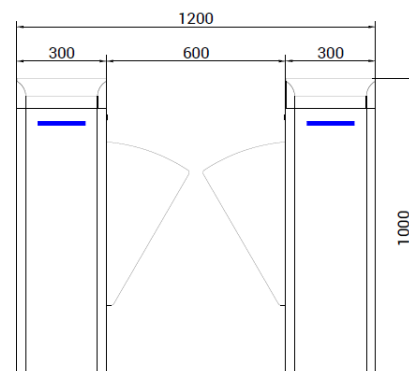


Specifications

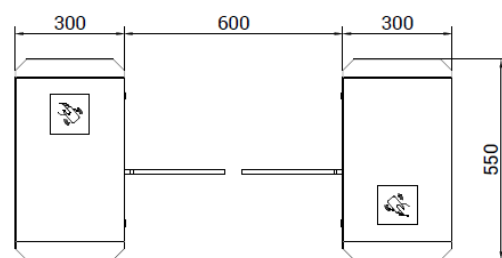
Type	Optical Flap Gate
Framework Material	Stainless Steel + Tempered glass
Dimension	1200*550*1000mm
Net Weight	80kg/pcs
Passage Width	≤900mm
Passing Direction	Retractable
MCBF	15 million
Power Supply	AC220V/110V, 50/60Hz
Operation Voltage	24V DC
Power Consumption	40W
Operation Temperature	-20 °C - 75 °C
Operation Humidity	0 ~ 95% (No freeze)
Working Environment	Indoor / Outdoor (shelter)
Flow Rate	35 people per minute
LED Indicator	green → entry, red × no entry
Infrared Sensor	3-6 Pairs (Optional)
Emergency	Automatic arm open when power off
Communication	Dry contact, Relay signal, RS485
Flexibility	Integrate with any access control

Dimensions

Front View



Top View



Side View

