



## Description

- The advantage of optical swing turnstile is that the passage width can reach to 600mm-1000mm, which support both standard and handicapped type with wide passageway, wheelchair, and pedestrian with large luggage all can pass.
- The body is made of brushed stainless steel which is robust, rigid, anti-rust, waterproof and durable.
- It is ideal for both indoor and outdoor settings.
- It has standard relay signal, which can be integrated with any kind of third-party access control system (e.g.: RFID, Fingerprint and Biometric reader device).
- In case of emergency, the arms will open automatically to allow free passage when power off.
- Optical swing turnstile is to control pedestrian entry or exit in restricted areas, usually used in high pedestrian traffic flow in both directions. (e.g.: Hotel, Gym, Building, Bank, Shopping mall, Reception Area).

## Features

- ✓ Long-life performance, high operation dependability and fast response.
- ✓ The whole system runs smoothly, low noise, no mechanical impact.
- ✓ Single directional or Bi-directional is selectable.
- ✓ Automatic reset function: swing arms will lock automatically within 5s (can be setting) if passenger delay to entry.
- ✓ When power is off, swing arms will open automatically, which is complying with fire safety requirements.
- ✓ LED indicator (red ✗ means no entry; green → means entry).
- ✓ Infrared sensor alarm function, in case of illegal intrusion and reverse intrusion.
- ✓ Anti-intrusion function, the speed gate is locked automatically until valid opening signal input.
- ✓ Anti-reverse function, the turnstile alarms if someone wants to entry in the reverse direction.
- ✓ Anti-trailing function, the speed gate alarms if someone wants to burst in without permission.
- ✓ Anti-collision and anti-kick function, it designed with consolidated and more durable mechanism, will not break even someone collide it.
- ✓ Mechanism self-protection: the arm will reset automatically if is off position. It's movement will not be broken or damaged even after hit.
- ✓ It has the fastest open and close speed rate and can be adjusted.
- ✓ Easy to install and maintain.
- ✓ 3-year warranty support.



We don't only offer turnstile gates  
We offer full access control solutions

Top cover options:



● Tempered glass

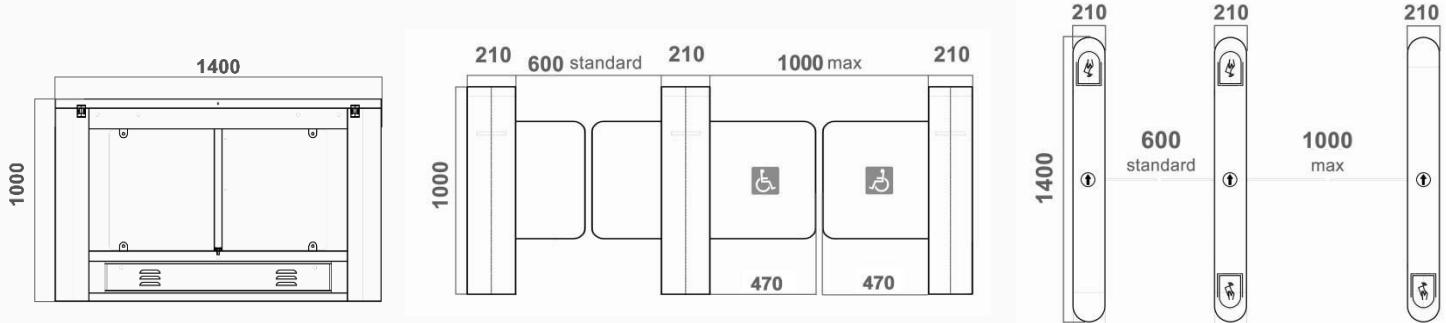


● Stainless steel



# Specification

Model No.	DS212D
Type	Optical Swing Turnstile Gate
Brand	Daosafe
Framework Material	304 Stainless Steel+ Plexiglas Arm+ Full Glass on side
Arm material	Plexiglas-transparency
Top material	Stainless steel, Tempered glass(optional)
Dimension	1400 * 210 * 1000mm
Net Weight	65kg/pcs (single core), 75kg/pcs (double core)
Passage Width	600mm (standard), 1000mm (handicap)
Passing Direction	Single directional / Bi-directional
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)
MCBF	10 million
Flow Rate	35-40 people per minute
LED Indicator	Two LED indicators on top: green → entry, red × no entry
Infrared Sensor	6 pairs (standard)
Emergency	Automatic arm open when power off
Communication	Dry contact, Relay signal, RS485
Flexibility	Integrate with any access control



## WIDE RANGE INTEGRATION



- **Face Recognition**

Dynamic face recognizes, non-contact and trendy solutions

- **Barcode /QR scanner**

Connect with mini PC or access controller to use  
Support phone or paper Barcode/QR

- **RFID Card**

All kinds of RFID card reader, such as  
Mifare, EM cards, HID card, Key Fob, Wristband...

- **Biometric Device**

Support Fingerprint, RFID card, password  
Popular and secure access control solutions

- **Key Fob**

RFID type, mainly use in apartment

- **Card Collector Machine**

The solution is mainly used in park, building for visitor

- **Wristband**

RFID type, mainly used in swing pool and gym

- **Coin Insert**

The solution is mainly for bus stations or toilet

- **Wheel**

Integrated on turnstile for movable and portable

- **Button**

Exit by freely passing/ push button

- **3rd Party Access Controller**

Any 3rd party access controller can integrate  
with all our turnstiles

# DS212D Integrate With

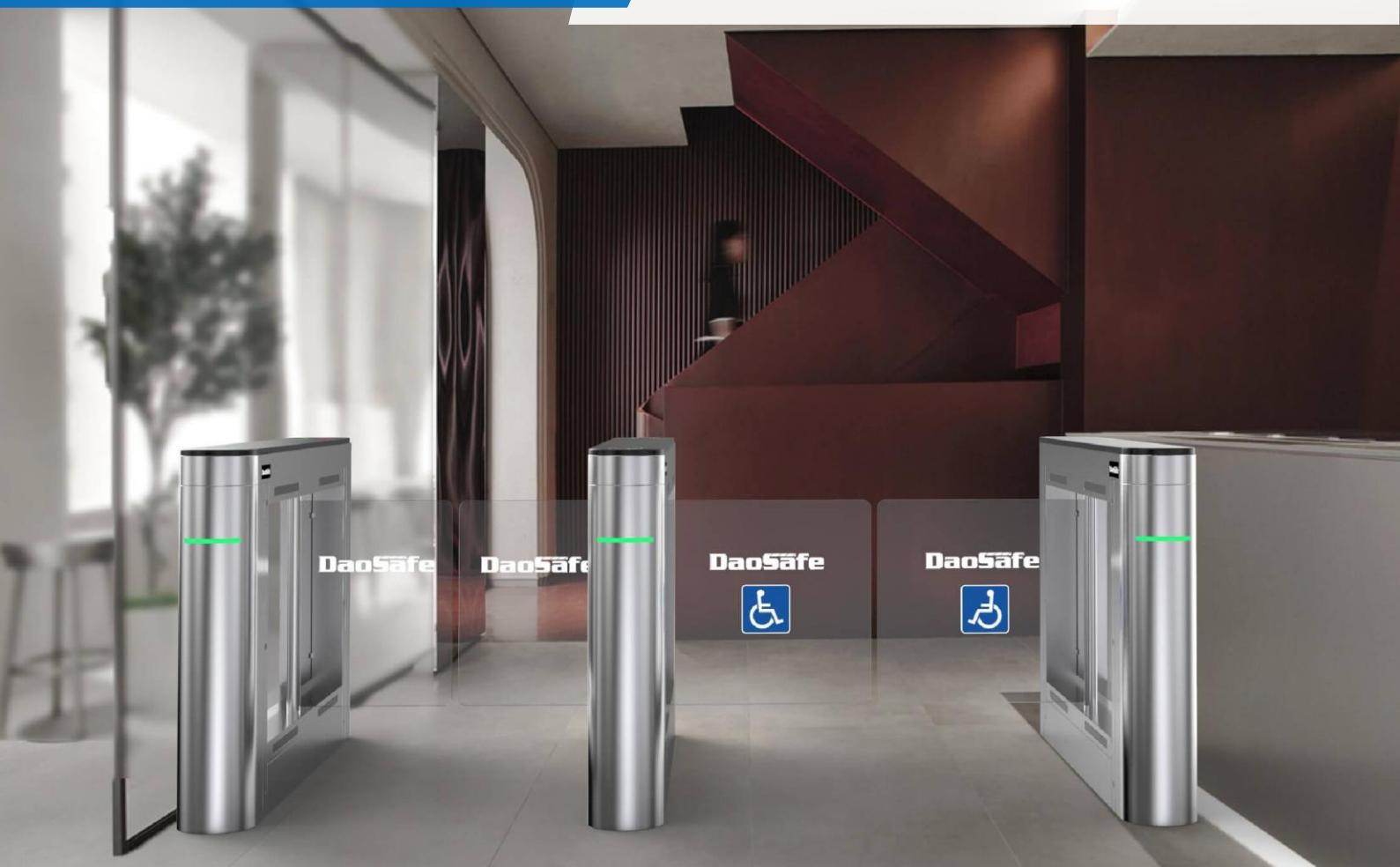
## Barcode/QR Solution



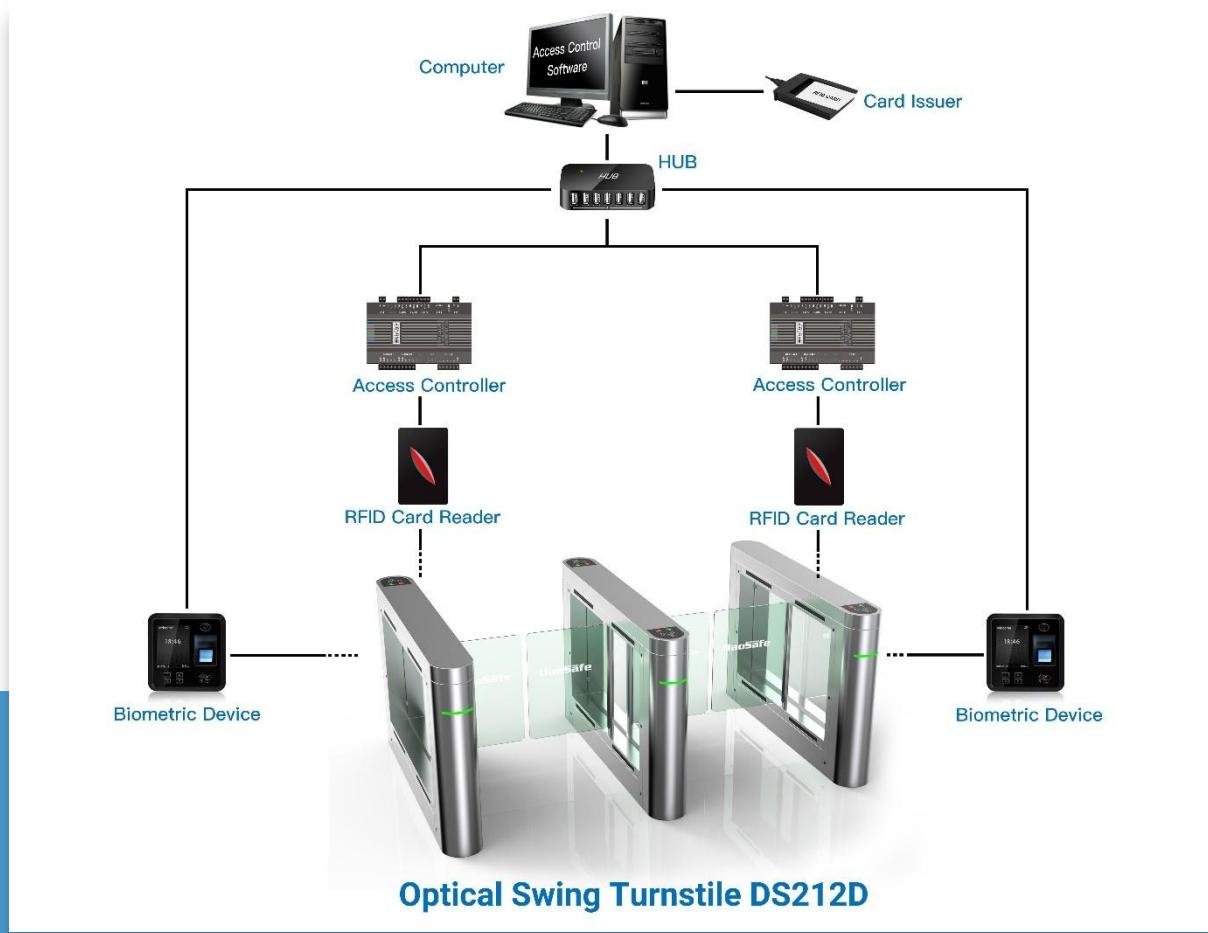
## DS212D

Optical Swing Turnstile

Swing Turnstile provides an artistic and high artwork solution for access control at sites with high aesthetic requirements, such as hotel, bank and chamber.



## System Integration Figure



### REMARK:

- The turnstile circuit board support to work with any relay signal, and support to integrated with any 3rd party access control system: RFID, BIOMETRIC, QR/BARCODE and so on.
- Multiple access controller board can be connected by TCP/IP through net cable, control by central computer.
- The turnstile circuit board is also with RS232 output, it can connect with mini PC. Turnstile will open once received simple code by computer, which is suitable for the complicated like ticketing system solution.

The advantage of optical swing turnstile is that the passage width can reach to 600mm-1000mm, which is suitable for handicapped person or pedestrians with luggage. The turnstile is usually used in high-grade occasion.



One Lane

Two Lanes with Handicapped Access

Three Lanes with Handicapped Access