DS210Z

Optical Swing Turnstile

SINGLE / BI–DIRECTION

SAFETY LEVEL

AESTHETICS

COSTING

Description

➢ Optical swing turnstile is to control pedestrian entry or exit in restricted areas, usually used in high pedestrian traffic flow in both directions.

➢ 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).

➢ It supports any type of external device solution. (e.g.: Display, Counter, Reader, Face recognition, Push button, Card collector, RFID Wristband Collector, Coin insert, Barcode/QR reader, Wheel).

➢ In case of emergency, the arms will open automatically to allow free passage when power off.

➢ It support standard and handicapped type with wide passageway, wheelchair, and pedestrian with large luggage can pass.

➢ It is suitable for areas with general pedestrian traffic (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**

Model No.	DS210Z
Type	Optical Swing Turnstile Gate
Brand	Daosafe
Framework Material	304 Stainless Steel+ Plexiglas Arm
Arm material	Plexiglas–transparency Or 304 Stainless Steel
Dimension	1200 *185 * 1020mm
Net Weight	60kg/pcs (single core), 80kg/pcs (double core)
Passage Width	Plexiglas Arm support: 600mm(standard), 900mm(handicap) Stainless Arm support: 600mm(standard), 1200mm(handicap)
Passing Direction	Single directional / Bi–directional
MCBF	5 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	35–40 people per minute
LED Indicator	Two LED indicators on top: green → entry. red × no entry
Infrared Sensor	4 pairs(standard)
Emergency	Automatic arm open when power off
Communication	Dry contact, Relay signal, RS485

Plexiglas Arm

Stainless Arm

WIDE RANGE INTEGRATION
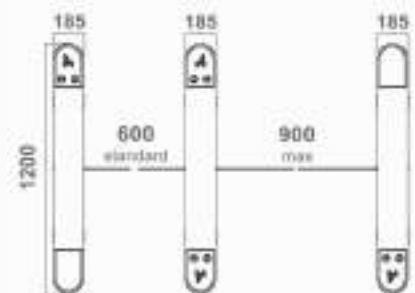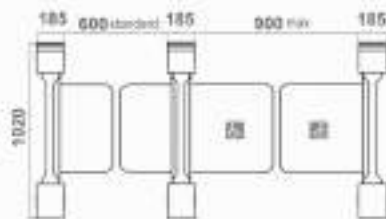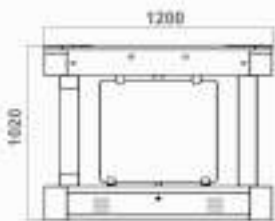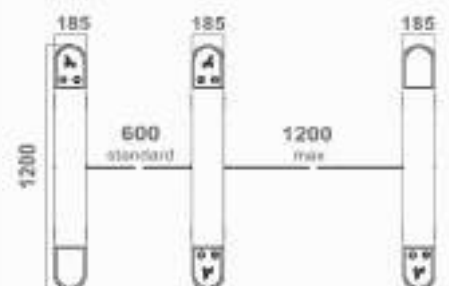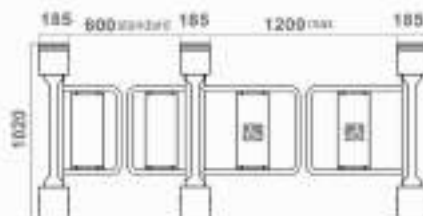
- **Face Recognition**

  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

Swing Turnstile DS210Z supports flexibly match up Plexiglas Arm that the passage with can reach to 600-900mm, and Stainless Arm can reach to 600-1200mm. It is suitable for people in wheelchairs, large luggage and for transportation of bulk goods and bicycle.

DS210Z With Stainless Arm

System Integration Figure

Optical Swing Turnstile DS210Z
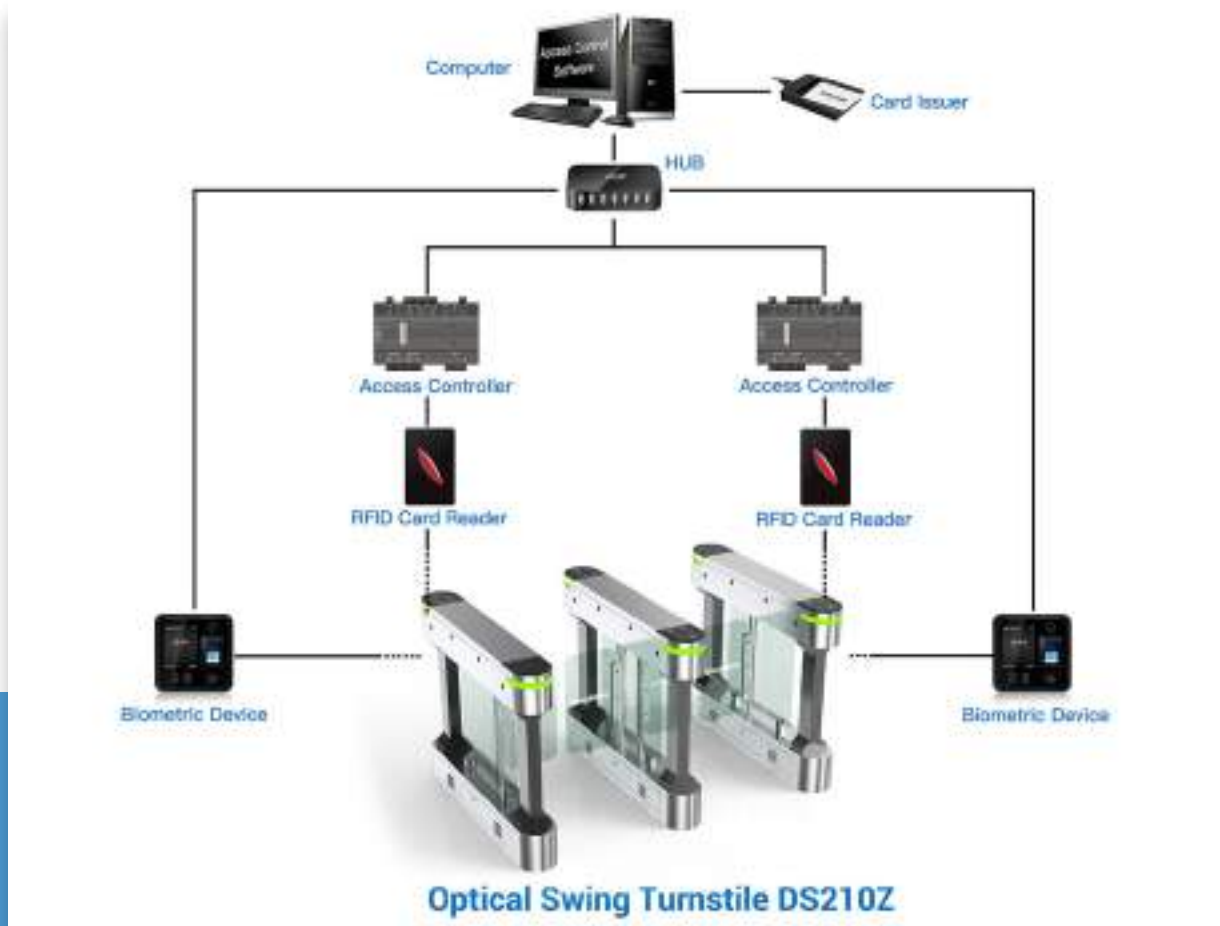
REMARK:

- 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 network 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 swing turnstile is that the passage width can reach to 600mm-1200mm, which is suitable for handicapped person or pedestrians with luggage. The turnstile provides an artistic and high artwork solution for access control at sites with high aesthetic requirements, such as hotel, bank and chamber.

One Lane

Two Lanes

Three Lanes