

Flap Turnstile DS312X

SINGLE / BI-DIRECTION



Description

- Optical flap 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 has sufficient space, which can be mounted with any type of external device(e.g.: Display, Counter, Reader, Push button, Card collector, Coin insert, Barcode/QR reader, Wheel).
- In case of emergency, the flap arms will open automatically to allow free passage when power off.
- It is suitable for areas with high pedestrian traffic (e.g.: Hotel, Building, Dormitory, Station, Airport, Park).

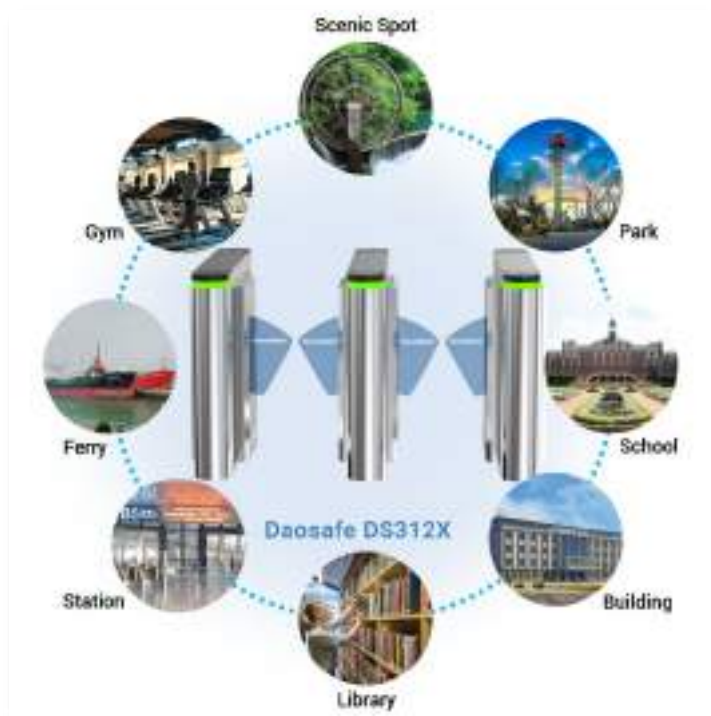
SAFETY
LEVEL

AESTHETICS

COSTING

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: flap arms will lock automatically within 5s (can be setting) if passenger delay to entry.
- ✓ When power is off, flap arms will open automatically, which is complying with fire safety requirements.
- ✓ LED indicator (red × means no entry; green → means entry).
- ✓ Easy to install and maintain.
- ✓ 3-year warranty support.
- ✓ Infrared sensor alarm function, in case of illegal intrusion and reverse intrusion.
- ✓ Anti-intrusion function, the turnstile 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 turnstile alarm if someone wants to burst in without permission.



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

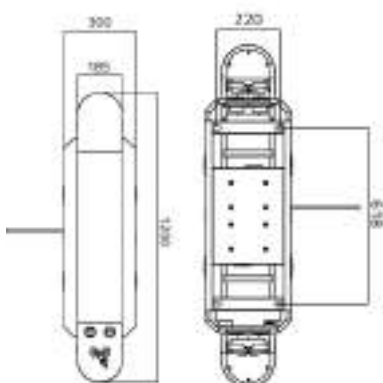


Specification

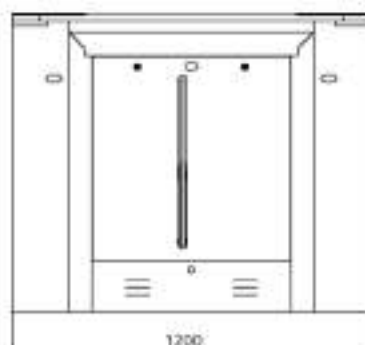
Model No.	DS312X
Type	Optical swing turnstile
Brand	Daosafe
Framework Material	304 Stainless steel+ plexiglas arm
Arm material	Plexiglas–transparency
Dimension	1200 * 300 * 1000mm
Passage Width	550mm
Net Weight	60kg/pcs, 80kg/pcs
Passing Direction	Single directional / Bi-directional
MCBF	5 million
Power Supply	AC220V/110V, 50/60Hz
Operation Voltage	24V DC
Power Consumption	40W
Operation Temperature	-15 °C – 60 °C
Operation Humidity	0 ~ 95% (No freeze)
Working Environment	Indoor / Outdoor
Flow Rate	40~45 people per minute
LED Indicator	Yes
Infrared Sensor	3 pairs
Emergency	Automatic arm open when power off
Communication	Dry contact, Relay signal, RS485

Dimension

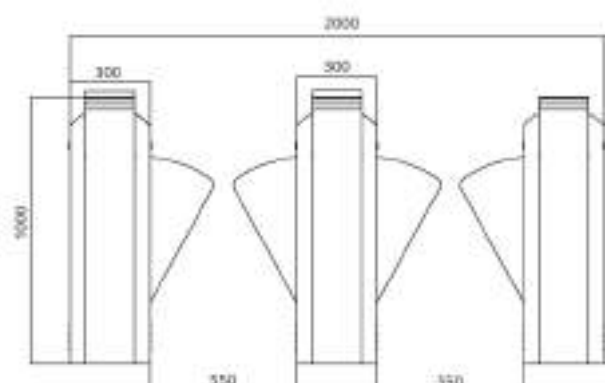
Top View



Lateral view



Front view





- 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

DS312X Standard Passage



DaoSafe

DS312X working with railings

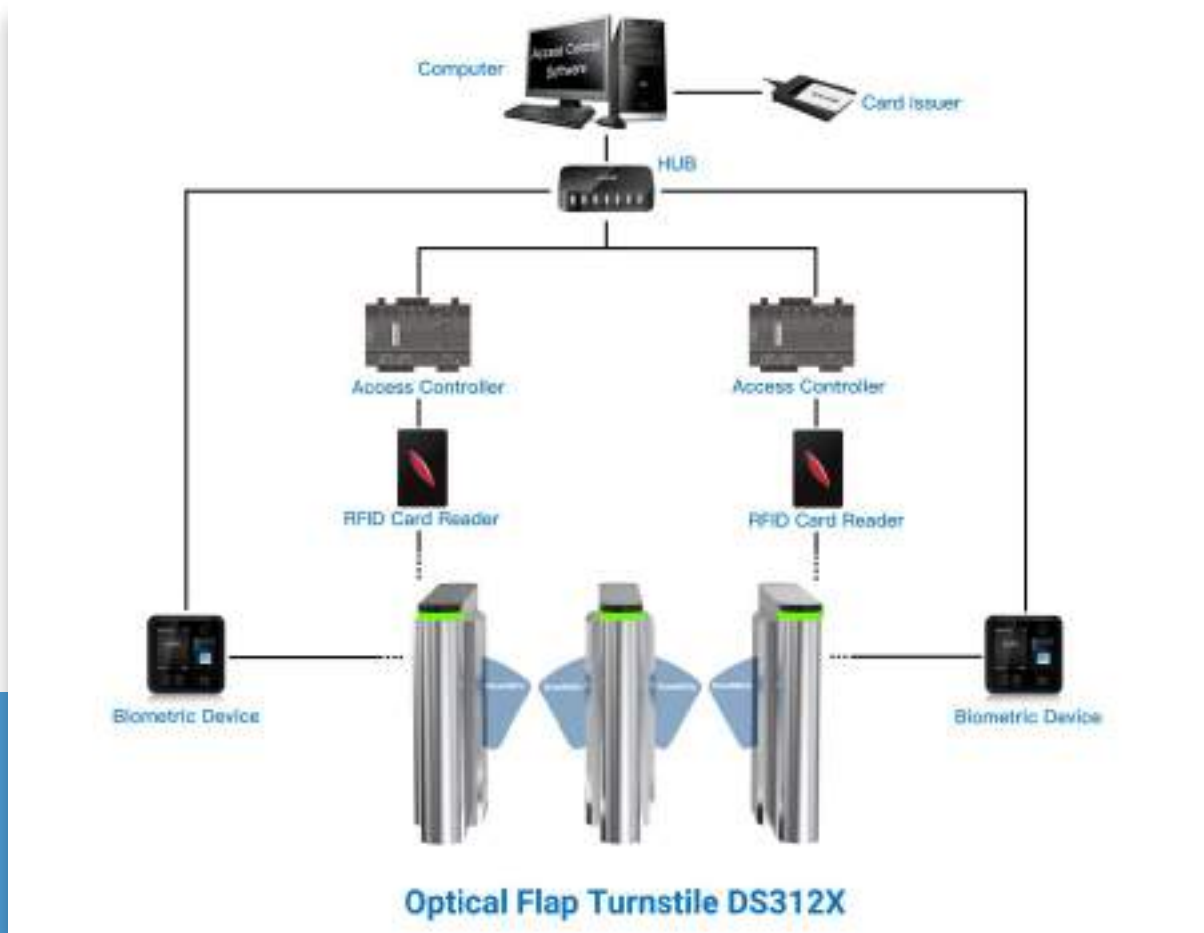
DS312X's throughput is 40~45 people per minute, it's efficient solution to control people in public places with big visitors, and working with glass railings is perfect for aesthetics and savings.



DaoSafe

DSSP6002G Railings

System Integration Figure



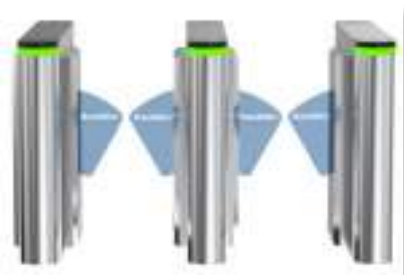
REMARK:

- 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 most special feature of flap turnstile is faster open and close speed than other turnstile gates, normally 40-45 persons per minute. So it's perfect for the sites with big visitors flow rate.



One lane



Two lanes



Three lanes