

## Tripod Turnstile **DS112**

**SINGLE / BI-DIRECTION**



**SAFETY  
LEVEL**

**AESTHETICS**

**COSTING**

### **Description**

- Tripod turnstile is the cost-effective entry and exit security solutions in all type turnstiles.
- The most obvious feature is the tripod can control trailing strictly, which only allow one person pass after the arms rotate.
- 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, tripod turnstile horizontal arms will drop down automatically to allow free passage when power off.
- Anti-tailing function: only one person passes at one time.
- It is suitable for areas with general pedestrian traffic. (e.g.: Park, School, Factory, Library, Cinema, and Gym...).

## 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: turnstile arm will lock automatically within 5s (can be setting) if passenger delay to entry.
- ✓ When power is off, arms will drop down 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.

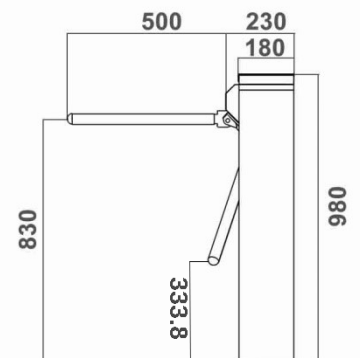
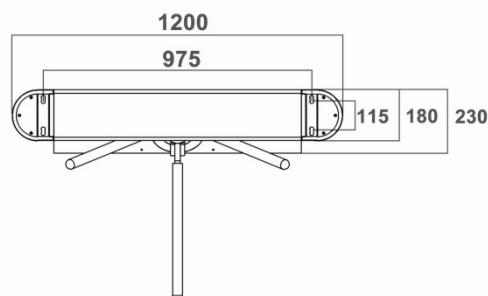
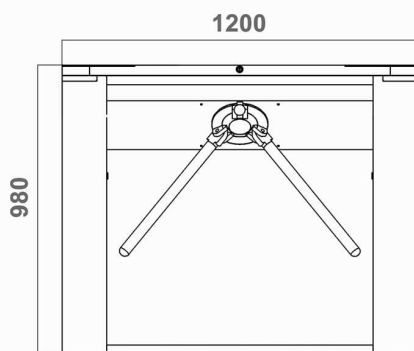


We don't only offer turnstile gates  
We offer full access control solutions



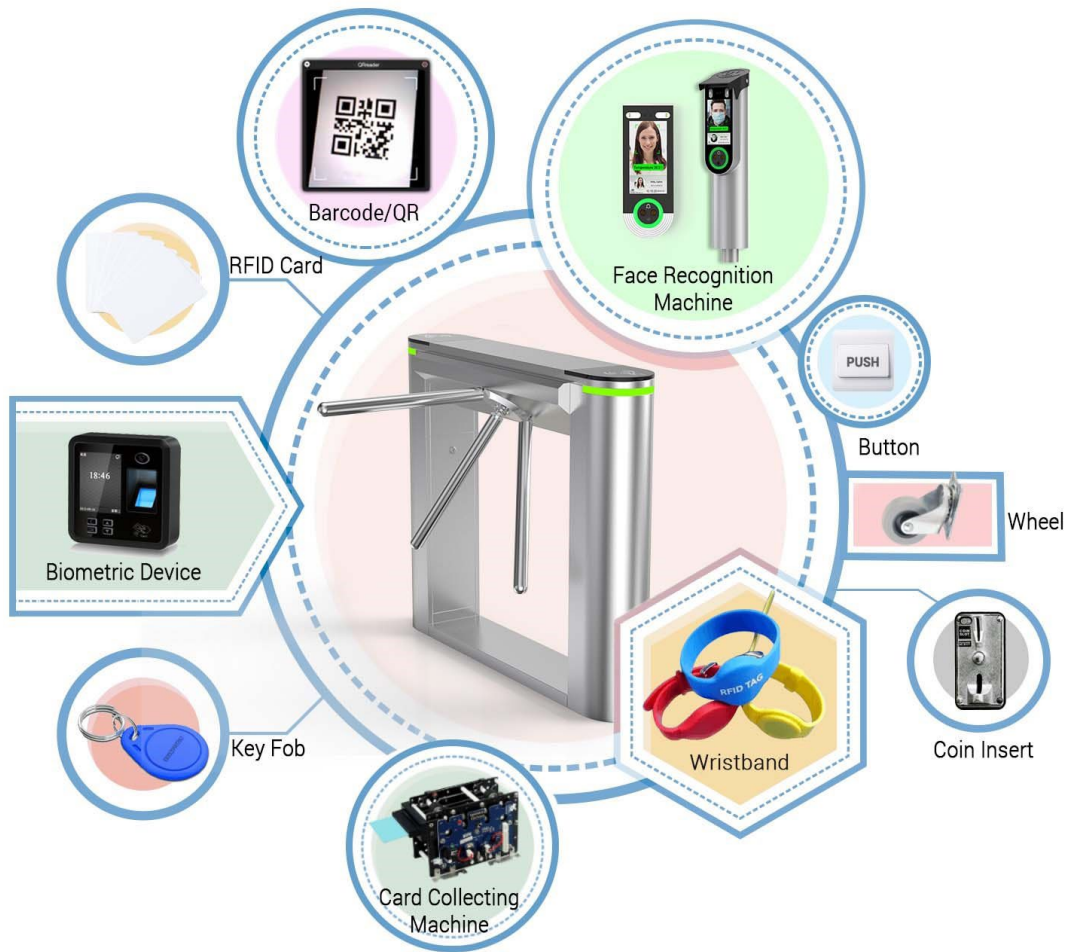
## Specification

Model No.	DS112
Type	Tripod Turnstile
Communication	Dry contact, Relay signal, RS485
Framework Material	304 Stainless Steel
Arm material	Stainless Steel
Dimension	1200 * 180 * 980mm
Net Weight	50kg/pcs
Passage Width	550mm (Arm length: 500mm)
Passing Direction	Single directional / Bi-directional
MCBF	10 million
Power Supply	AC220V/110V, 50/60Hz
Operation Voltage	24V DC
Power Consumption	20W
Operation Temperature	-20 °C - 75 °C
Operation Humidity	0 ~ 95% (No freeze)
Working Environment	Indoor / Outdoor
Flow Rate	35-40people per minute
LED Indicator	Yes
Emergency	Automatic arm open when power off



# 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



# DS112

## Working With DSSP6003 Security Gate



Tripod turnstile can be used with multiple types of other gates flexibly, such as DSSP6003 Pedestrian Security Gate, DS212X Optical Swing Gate and so on. Apply in various entrance/exit access control solutions.

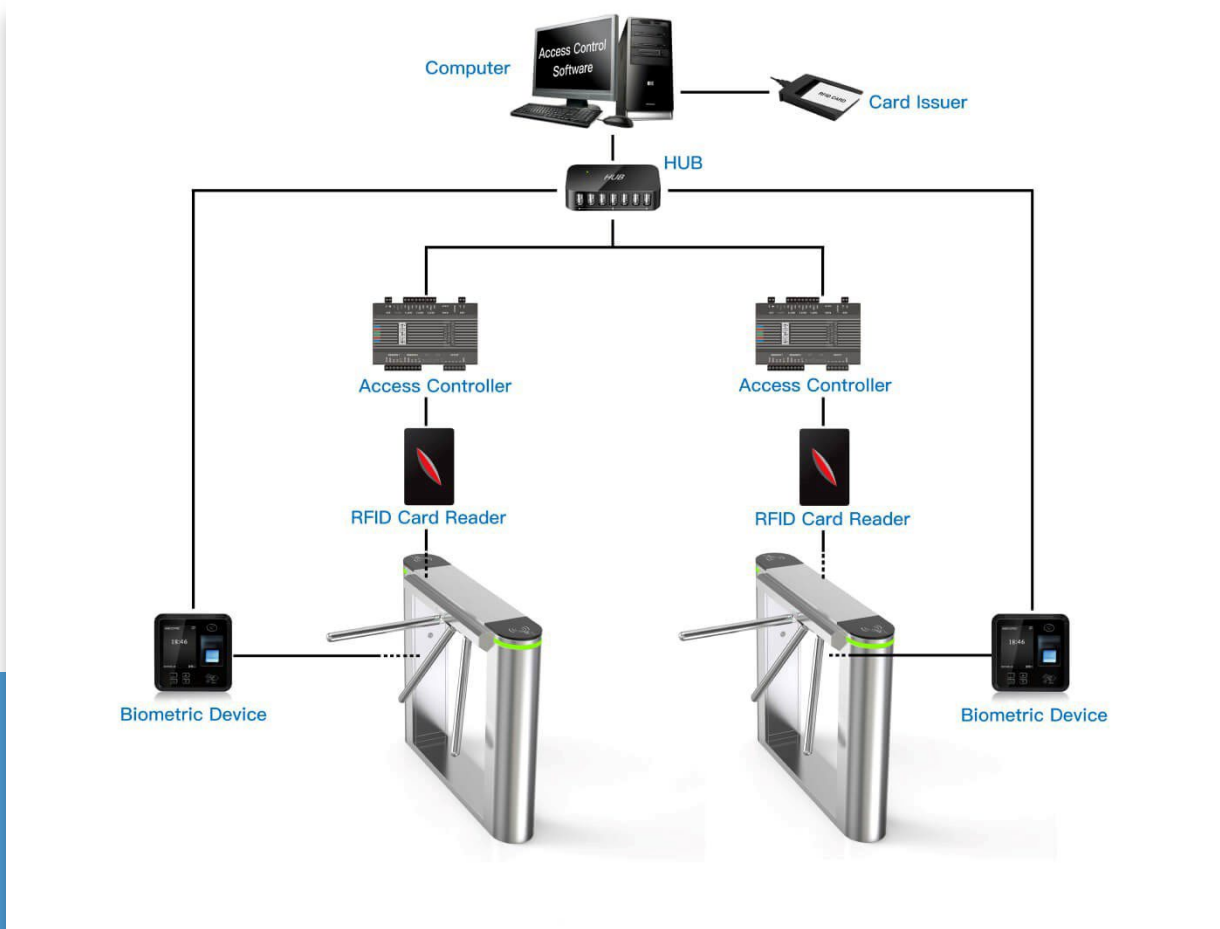


# DS112

## Working With DS212X swing gate

# System Integration

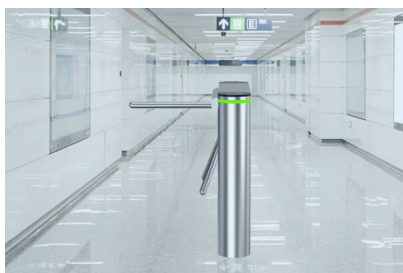
## Figure



### 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.

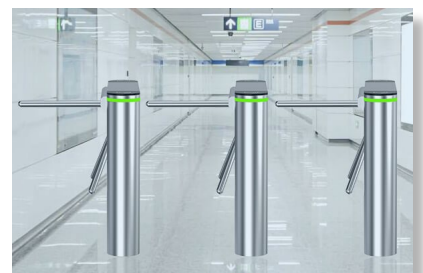
Tripod turnstile is the simple type, with the lowest price in all type turnstiles. The most obvious feature is the tripod can control trailing strictly, which only allow one person pass after the arms rotate. The turnstile is usually used in sites that pedestrian flow rate is relative small.



One Lane



Two Lanes



Three Lanes