

OPTICAL FLAP TURNSTILE



Model DS312 Optical Flap Turnstile

DS312 Optical Flap Turnstile with four major advantages:

- All-stainless steel & sturdy chassis: Whole cabinet made of stainless steel, very strong and durable. It fits any place that needs solid access control equipment.
- Flexible passage width: Standard retractable passage is 600mm. Wider passage options are available in the same series.
- Strong anti-tailgating security: Retractable flap design effectively stops unauthorized entry and tailgating, ensuring safe and strict access control.
- Easy integration: Works well with third-party access control systems (RFID, facial recognition, QR code readers) for different scenarios.

Features

- Two way or one way working.
- 304/316 stainless steel material.
- Support integrated with any type of access control systems.
- 0.1s fast open speed, 45 person/min high throughput.
- Lower power consumption.
- Low noise, system runs smoothly.
- Blue, green and red LED indicator display passing status.
- Fire safety requirements, arms open automatically.
- Easy to install and maintain.
- 3 years warranty support.

Customized Service

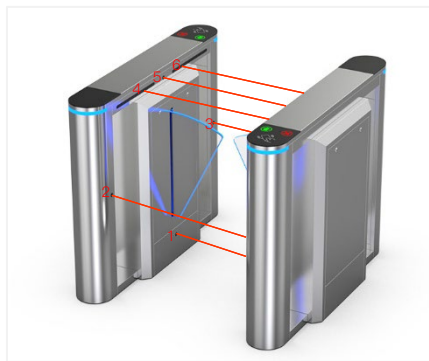
- Dimensions can be customized to meet your request.
- Logo can be customized.
- Reader mount space can be customized.
- Waterproof outdoor can be customized.
- Infrared sensor number optional.
- Picture: high resolution and 3D renderings pictures can be customized.
- The wireless remote control is available as a customized option, allowing front-desk staff to control the gate directly.
- Base optional: can add DSSP6005 base
-

Functions

- **Infrared sensor alarm function:**
in case of illegal intrusion and reverse intrusion.
- **Anti-intrusion function:**
the 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.
- **Mechanism self-protection:**
the arm will reset automatically if off position. The movement will not be broken or damaged even hit.



Logo Custom



6 Pairs Infrared Sensors



LED Indicator



Fire Safety Requirements,
Arms Retract Automatically



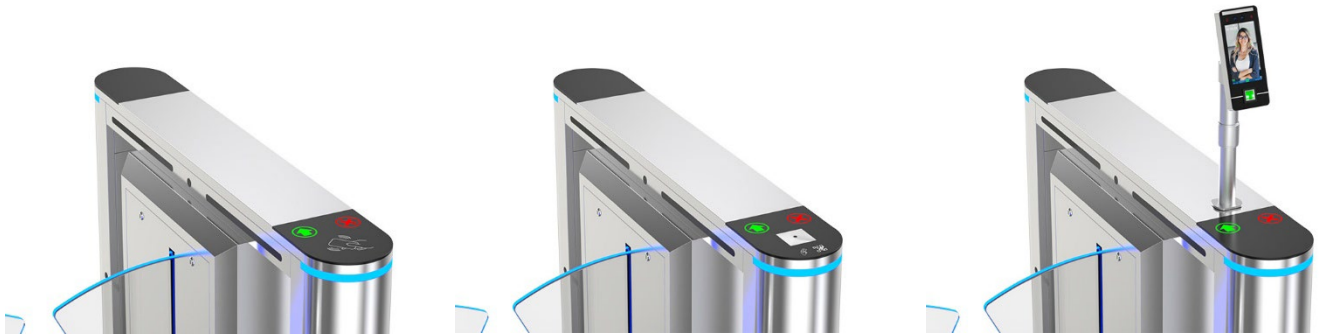
Anti-reverse Function



Anti-trailing Function

Access Control System

Turnstile gates can be well integrated with any 3rd party access control systems



Card Solution

QR/Bar Code Solution

Biometric Solution



Remote Control



Touchless Button



Card



QR Code



Fingerprint



Face



Palm Vein



+

Four lanes for card solution installed at building



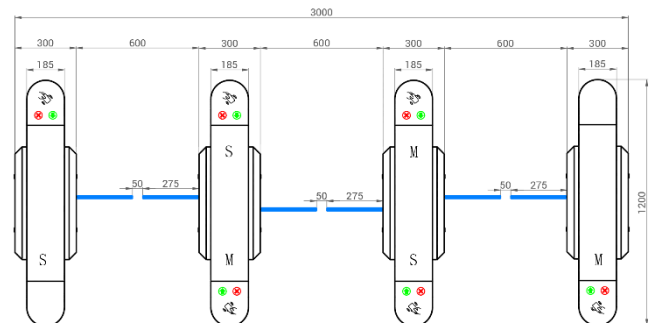
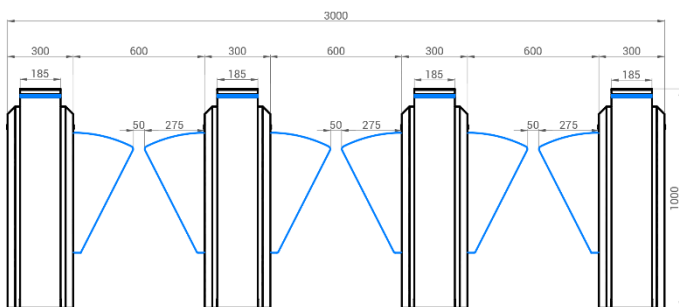
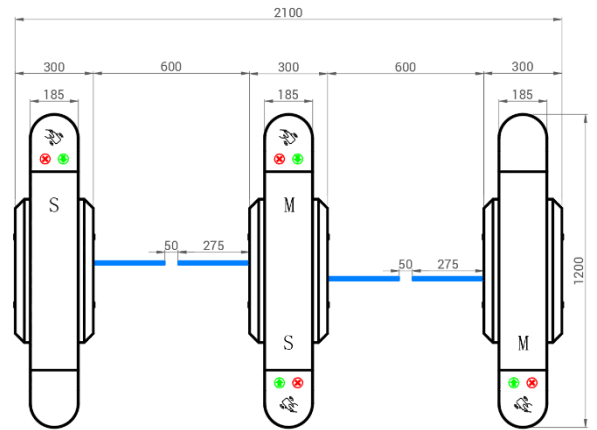
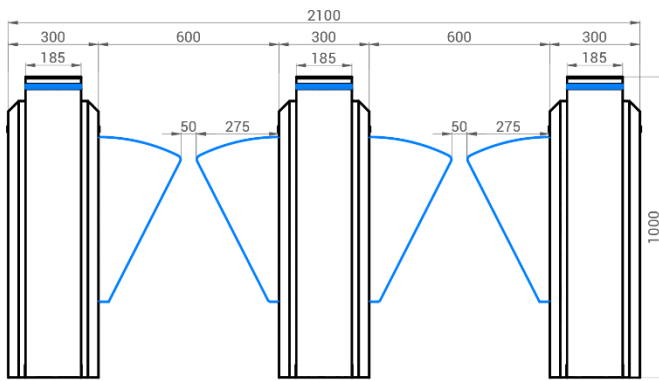
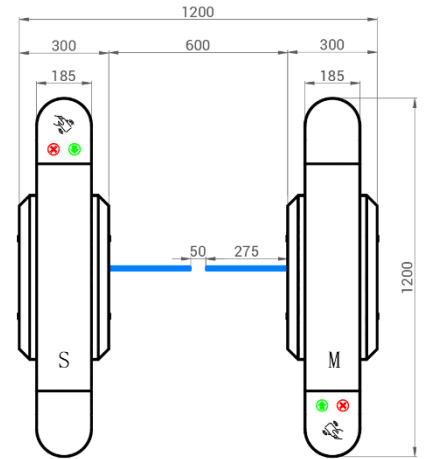
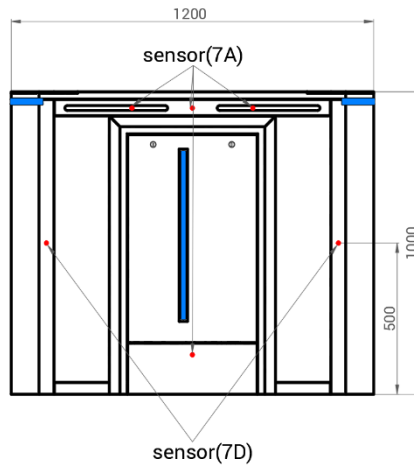
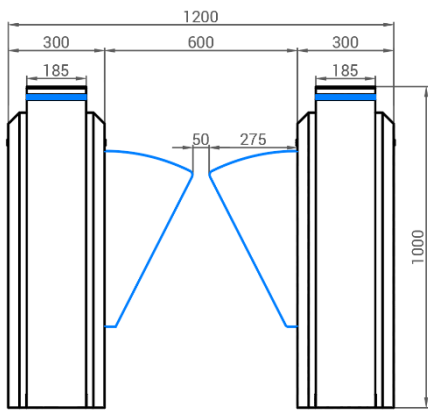
Working with DS212
Optical Swing Turnstile

Specifications

Model No.	DS312
Type	Optical Flap Turnstile
Brand	Can be customized
Certifications	Compliance CE, ROHS, FCC
Framework Material	304 Stainless steel + plexiglas arm
Arm material	Plexiglas–transparency
Dimension	1200(L)*300(W)*1000(H)mm
Net Weight	70kg/pcs (single core), 90kg/pcs (double core)
Passage Width	600mm
Passing Direction	Single directional/Bi–directional
MCBF	10 million
Power Supply	AC220V/110V, 50/60Hz
Operation Voltage	24V DC
Power Consumption	40W
Operation Temperature	-20 °C ~ 75 °C (can be customized)
Operation Humidity	0 ~ 95% (No freeze)
IP Level	IP54 (standard), IP65 (can be customized)
Working Environment	Indoor/Outdoor (can be customized)
Flow Rate	45 people per minute
LED Indicator (Top)	Constant Indicator Light:  Access Granted: 
LED Indicator (Strips)	Blue color: power on, green color: entry, red color: no entry
Infrared Sensor	6 pairs (standard)
Card Reader Mount	Under the top of the cabinet Max. dimensions: 90(L)*80(W)*25(T)mm (can be customized)
Emergency	Arm open automatically when power off
Communication	Dry contact, Relay signal, RS485
Flexibility	Integrate with any access control

Dimensions

Parameter	Standard	Recommended (disabled)	Maximum	Note
Passage Width	600mm	/	600mm	If a wider channel is needed, DS212, DS225G or DS8000 are optional.
Arm Height	/	/	/	



Lanes Solutions



One Lane

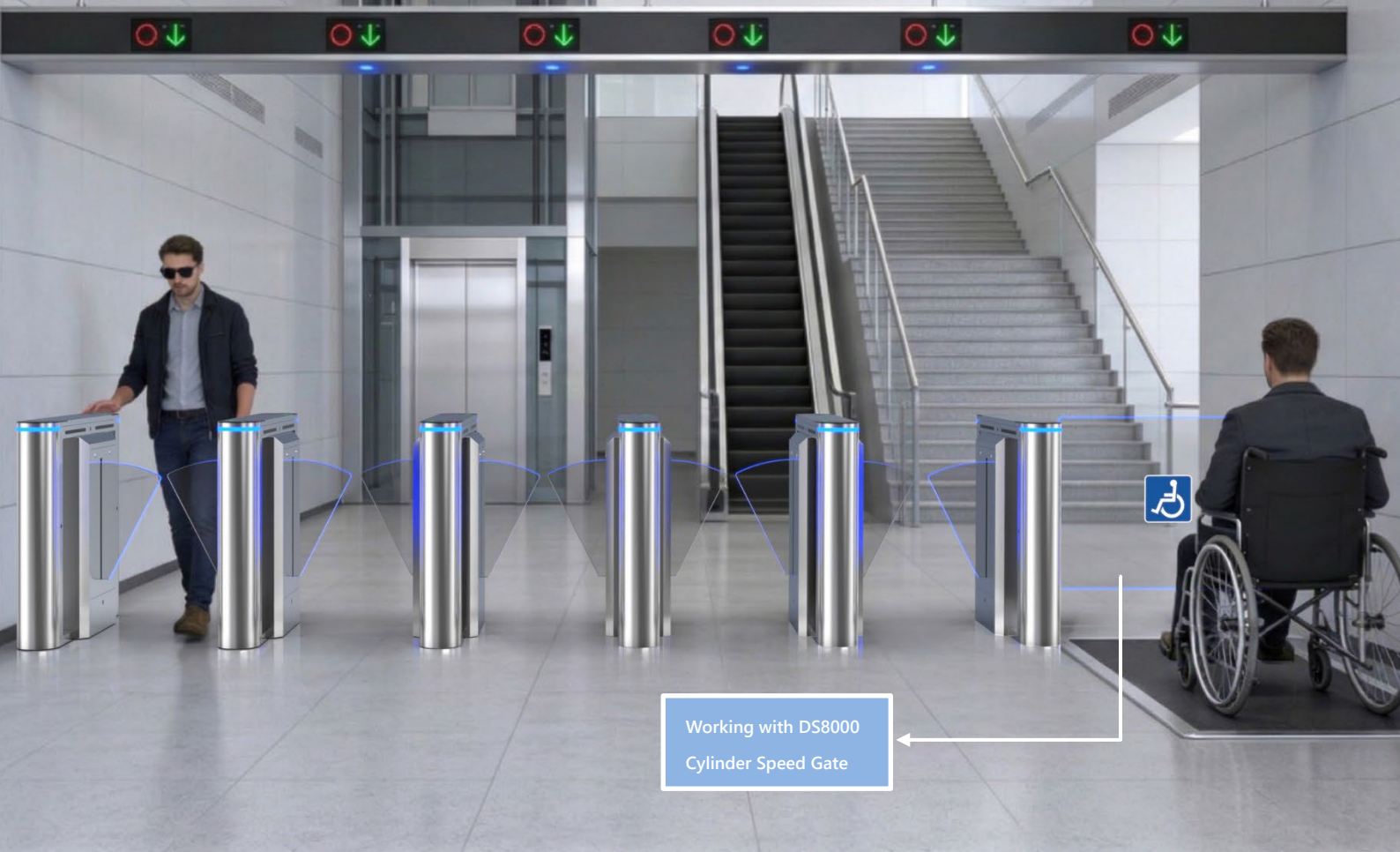


Two Lanes



Two Lanes with Disabled Access

Six lanes for card solution installed at the subway station.



Six lanes for card access solution installed at the entrance of the residential area.

