ST1032S & ST1032D
Swing Turnstile

Swing Turnstile for Access Control and Passenger Separation

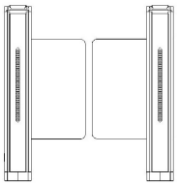
Swing turnstile controls pedestrian access between public and secure areas. Swing gate lane adopts an array of optical sensors to determine the number and direction of persons passing through the lane.

Typical used in motorcycles and bicycles with more than 900MM passageway width.

Swing turnstile system is provided with a standard electric interface and can easily integrates common 3rd party equipment with read facilities.

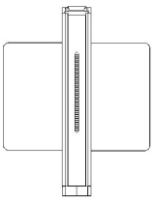
As a result, an orderly and civilized passage is provided for the personnel in and out, and illegal personnel can be barred. At the same time, a special fire control interface is equipped in the system to meet the requirement of fire control passage, so that gate release open may be realized in emergency for.

SINGLE MECHANISM ST1032S



Swing barrier only equipped with single in the cabinet

DOUBLE MECHANISM ST1032D



Swing barrier equipped with double in the cabinet

*EXAMPLES OF CONTROL UNITS **

ST1032S & ST1032D
Swing Turnstile

- Extensive functions and intuitive operation
- Simple integration of all common access control systems
- Gates open freely permits passage during power outages
- or alarms
- Designed for 7 million opening and closing actions

TECHNICAL SPECIFICATION	ST1032S	ST1032D
Unit classification	Single mechanism	Double mechanism
Housing material	SUS 304 stainless steel with paint finish	
Housing Dimensions	L1600*W150*H980 MM	
Barriers material	acrylic glass or 304 stainless steel	
Barriers width	260-530MM	
Barriers transmission angle	180°	
Passageway width	550~1100MM optional	
Orientation	Single or Bi-Directional optional	
Drive	Motorized	
Voltage	AC220V±10%, 50Hz±10%	
Logic Voltage	24VDC	
Motor	24VDC brushless motor	
Infrared sensors	4/6/8 pair/lane optional	
Opening/closing time	0.2 seconds	
The time required to running state after power on	10.0 seconds	
Auto-reset time after failure	10.0 seconds	
Input port	Relay dry contact signal or level signal	
MTBF	7 millions	
Communications port	RS485 electric standard, communications range: ≤1200m	
Flow Rates	30~40 persons/min	
LED light indication	yes	
Voice Prompt	yes	
Relative humidity	5% ~ 90% not condensed	
Working Environment	Indoor or outdoor	
Temperature range	from -15 °C to 60°C	

OPTIONS	
Housings	Customer-specific adaptations
Barriers elements	On request
Special colors	On request
Reader mounting	On request

POTENTIAL APPLICATIONS	
Building Sites	Parks
Museums	Hotels
Retail outlets	factories
Railway Terminals	Loss Prevention

FEATURES & FUNCTIONS	ST1032S	ST1032D
ZERO self-check function to convenient for users to maintain and use.	√	√
Audible signals for unauthorized use notification	√	√
Impact-resistant function: the barriers can automatic lock until a valid open signal is received.	√	√
Operation: on receiving a signal from the access control system or push button, the barriers to open.	√	√
IR sensor: The device uses several infrared sensor transmitter and receiver. The sensors are positioned at two different heights to defend against people trying to roll/crawl through the lane without being detected.	√	√
Reset automatically function: Go signal will be cancelled if people didn't pass through within pre- set time.	√	√
Sensors & mechanical dual anti-pinch function: Auto-alarm will activate for unauthorized pedestrian movement and tailgating. The barrier uses several photo sensors to prevent swing gate closure on a person while inside the lane.	√	√
When power failure, it will be opened the gates automatically to meet the request of fire protection.	√	√
Integrated pulse counter with separate counting for both directions (optional)	√	√
With interface of dry contact relay, compatible with all the access controller	√	√
ADA compliant passageway widths at 900mm available (handicapped lane without anti tailgating detection).	√	√
Through management computer to realize remote control and management.	√	√
Use Wechat MINI program which independently developed by our own company to connect the bluetooth, to implement control and parameters setting of the turnstile system (customized).	√	√

CUSTOMIZED FEATURES:

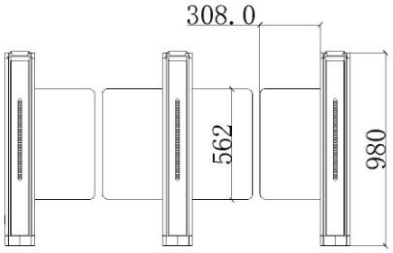
- ✧ Customize non-standard application according to the needs of users
- ✧ Customize stacking pass though mode
- ✧ Reader integration
- ✧ Access Control System Integration
- ✧ Visitor System Integration
- ✧ Camera system integration
- ✧ Wireless remote control button

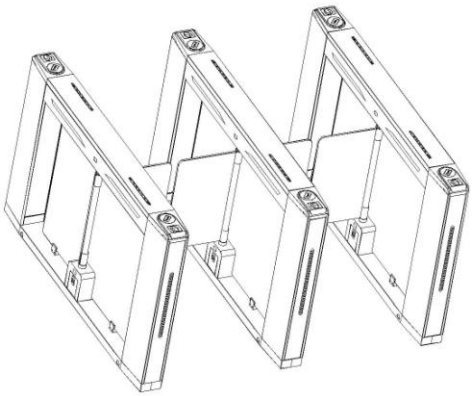
OPERATION MODELS

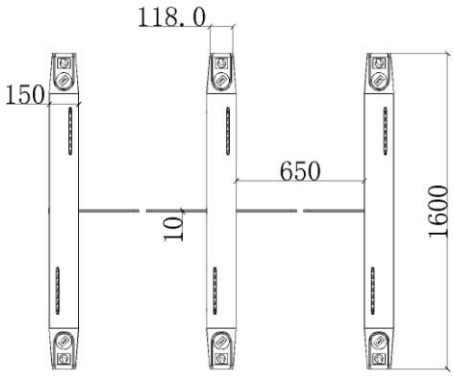
Swing turnstiles provide bi-directional access control, each direction may be in one of three states:

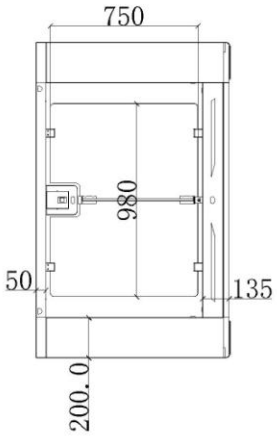
Free passage	All people are authorized to pass through under all conditions.
Controlled access	Every person must use a card before being authorized to pass through.
Lane closed	Nobody is authorized to pass through, and security cards are ignored.

DIMENSIONAL DRAWINGS

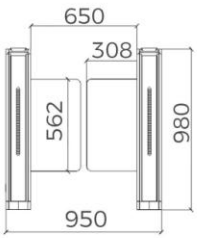




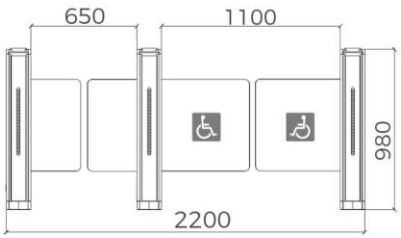




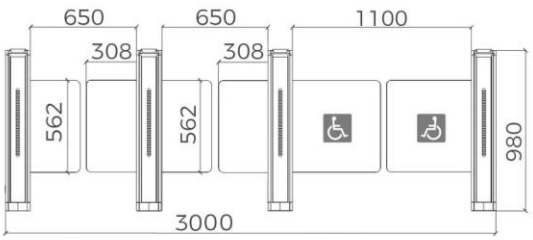
LINE CONFIGURATION WITH COMBINABLE MODULES



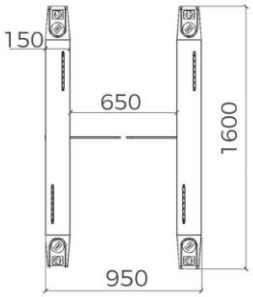
One Lane



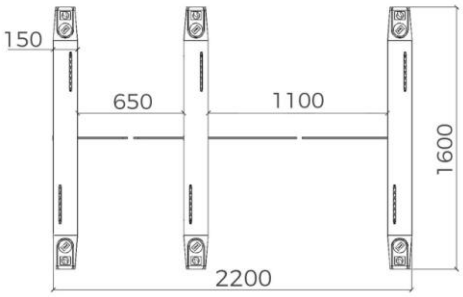
Two Lanes With Handicapped Access



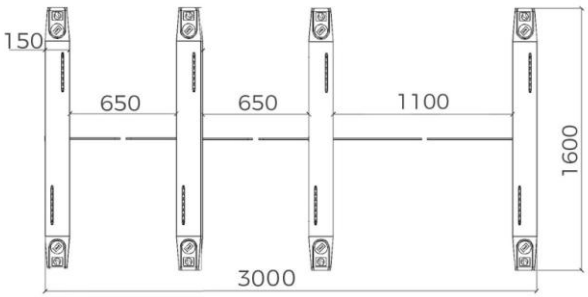
Three Lanes With Handicapped Access



One Lane



Two Lanes With Handicapped Access



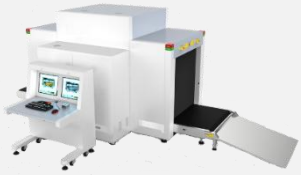
Three Lanes With Handicapped Access

Access to Progress

Qiny stands for pioneering products – in every way. Our access control systems for vehicles or pedestrians clear the way for thousands of people every day – at car parks, toll gates, stations, factories and in buildings.
Our technology is also pioneering, however: with innovative drives, intelligent control systems and well thought-out details it provides maximum safety and longevity. Are you also on the path to Qiny?

Pedestrian Gates

Turnstiles
Speed Gates
Swing Gates
Tripod Gates
Flap Barriers
Full Height Turnstiles



Security Inspection Machine

X-Ray Baggage Scanner
Cargo X-ray Inspection System
X-ray Seal Inspection System
Food X-ray Inspection System
X-ray Metal Detector
Metal Detectors

Vehicle Detection

Under Vehicle Scanner System
Access Barriers
Parking Barriers
Road Blockers
Tyre Killers
Bollards