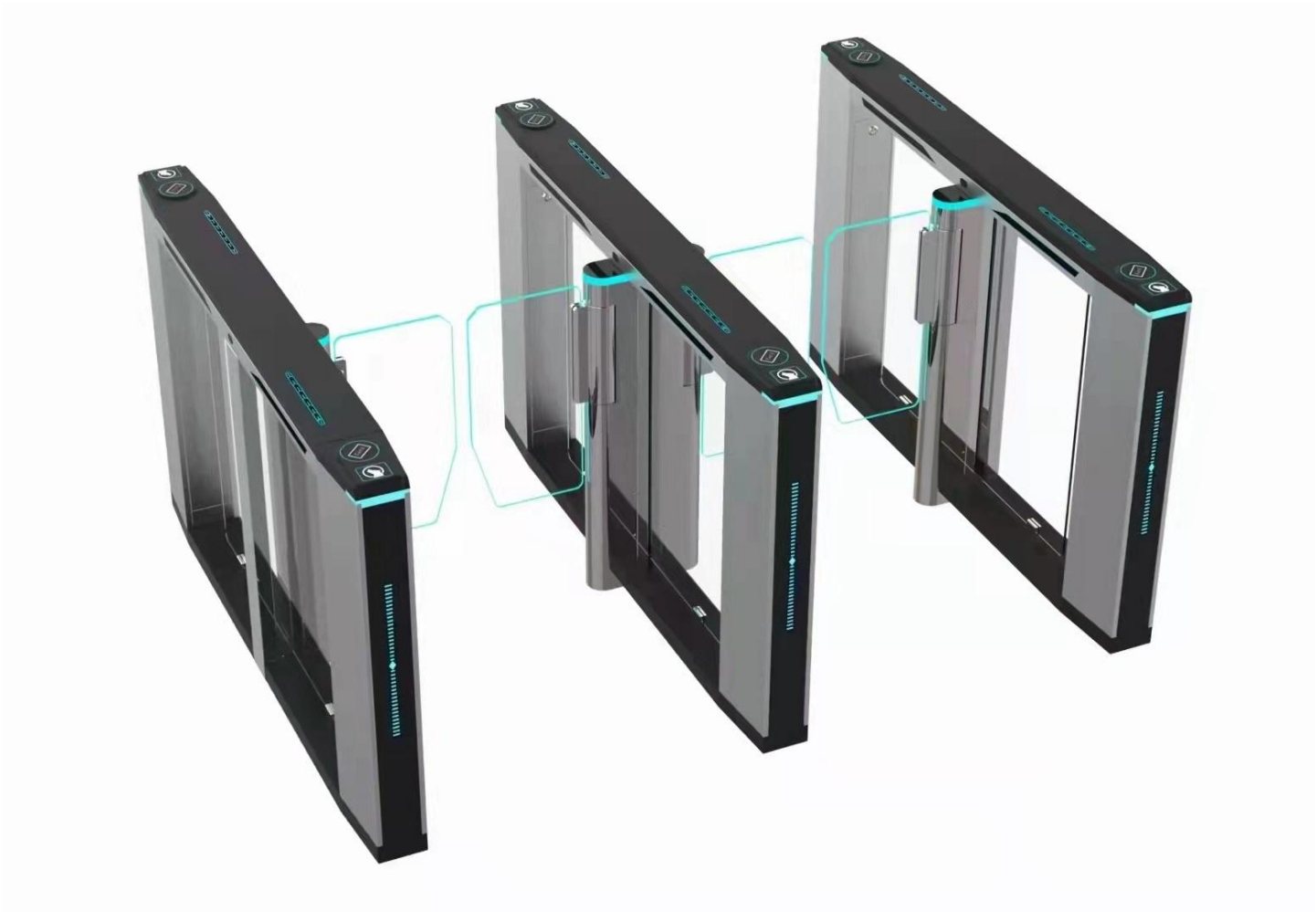
SG1032 S & SG1032D
Speed Gate



Speed Gate with Swing Panels for Access Control and Passenger Separation

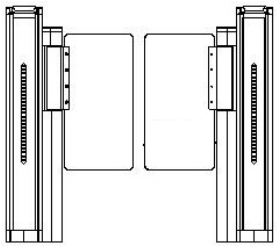
The HQSG1032 speed gates with swing panels are designed in a modern and elegant style and provide an ideal contactless solution for access control at sites with high aesthetic and comfort requirements.

The HQSG1032 speed gates are perfectly suitable for a wide range of pedestrian passage control at entrance points indoor applications and can be installed in offices, banks, administrative buildings, exhibitions, business centres, railway terminals and airports etc

SG1032S& SG1032D
Speed Gate

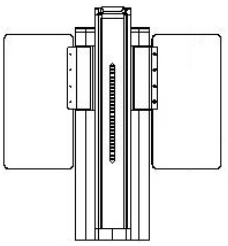
- Extensive functions and intuitive operation
- Over 6 pairs high-performance intrusion infrared sensors
- Simple integration of all common access control systems
- Gates open freely permits passage during fire alarm
- Designed for 10 million opening and closing actions

SINGLE MECHANISM SG1032S



Swing panel only equipped with single in the cabinet

DOUBLE MECHANISM SG1032D



Swing panels equipped with double in the cabinet

- The HQSG1032 speed gates are available with over three different sizes of swing panels. The system of infrared sensors ensures the security of passage at high throughput. In emergency situations after receiving a signal from an access control system or an emergency button the swing panels are opened in a predetermined direction, in case of a power loss the swing panels are unlocked
- The HQSG1032 peed gates be developed to be robust, reliable and esthetical pleasing. Its straight lines house a sturdy blocking mechanism designed for very low maintenance. The equipment is provided with a standard electric interface and is easily integrated into a system with read facilities.

*EXAMPLES OF CONTROL UNITS **

Card Reader

Control Panel

Control Remote

Computer / Tablet

Coin Mechanism

Card Collector

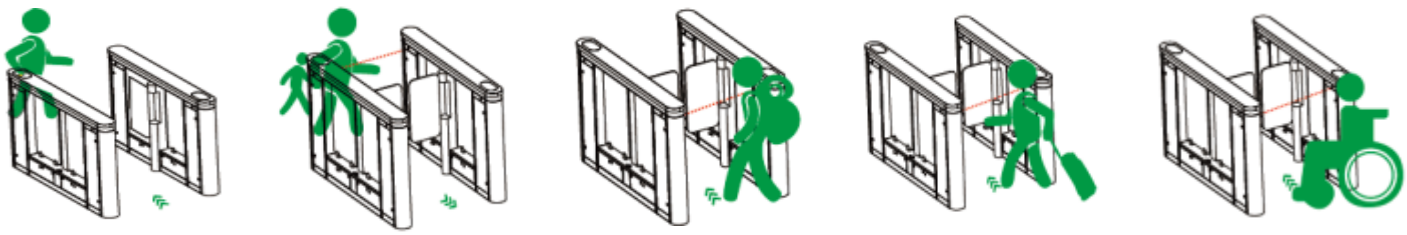
Bar-code Scanner

Facial Reader

Fingerprint Reader

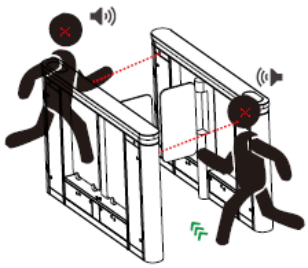
ESD System

POTENTIAL APPLICATIONS

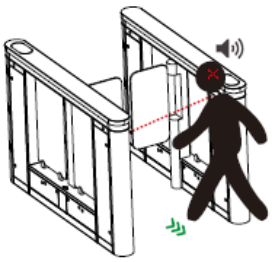


TECHNICAL SPECIFICATION	SG1032S	SG1032D
Unit classification	Single mechanism	Double mechanism
Housing material	SUS 304 stainless steel with paint finish	
Housing Dimensions	L1600*W150*H980 MM	
Swing Panels material	acrylic glass or 304 stainless steel	
Swing Panels width	280-600MM	
Barriers transmission angle	180°	
Passage width	600~1200MM optional	
Orientation	Single or Bi-Directional	
Drive	Motorized	
Voltage	AC220V±10%, 50Hz±10%	
Logic Voltage	24VDC	
Motor	DC brushless servo motor or servo motor optional	
Core	ARM	
In-built intrusion sensors	4/6/8 /10 pair/lane optional	
Opening/closing time	0.2 seconds	
The time required to running	10.0 seconds	
Auto-reset time after failure	10.0 seconds	
Input port	relay contact signal or level signal	
MTBF	10 millions	
Communications port	RS485 electric standard, communications range: ≤1200m	
Flow Rates	35~50 persons/min	
LED light indication	yes	
Relative humidity	5% ~ 90% not condensed	
Working Environment	Indoor or outdoor (with canopy)	
Temperature range	from -15 °C to 60°C	

AUDIBLE ALERTS FOR ILLEGAL BEHAVIORS

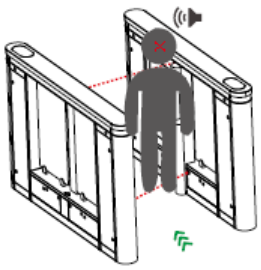


Unauthorized Intrusion



Reverse Intrusion

Tailgating Behavior



Overtime Occupied

OPERATION MODELS

Speed gates 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.

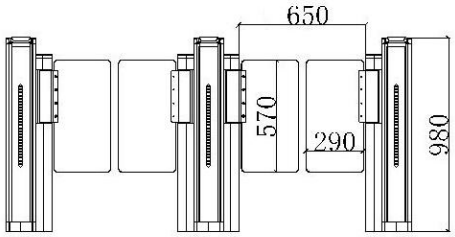
FEATURES & FUNCTIONS

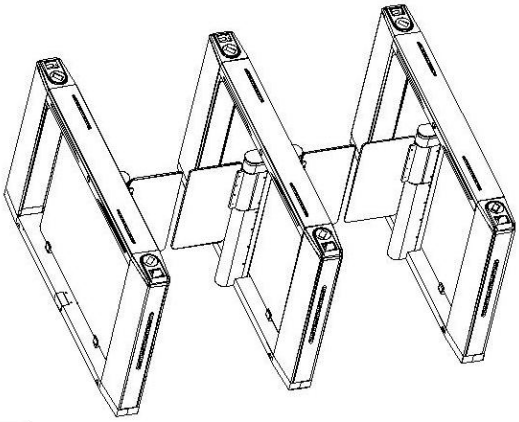
Operation Models:	With nine different operation modes available, single/bi-directional controlled, free passage, normally open, normally closed etc, meeting multiple needs of users.
Parameters Settings:	The parameters of the device can be setup conveniently through the debugging tool optional) on the speed gate central post or upper computer.
Secondary Open:	Lane close when there is an unauthorized intrusion, and would open when the lane is cleared, protecting the right of the authorized access. (This function can be applied to places need strict access control like stations and scenic spots etc)
Audible Alerts:	The devices detect illegal behaviors, such as unauthorized intrusion, reverse intrusion, tailgating behavior, overtime occupied, and give out different sounds alarm specifically to draw attention from the secure.
Logical Detection:	Equipped with over 6 pairs of IR sensors, the tracking system can detect exact position of users and items in real-time, and also can monitor the authorized access, giving out alarms through sound/light or closing the door if there is any unauthorized access.
Indication Modules:	Indication modules of the passage grant/denial are located in the user line-of-sight range on the speed gate central post allowing quick passage completion.
Fault Self-detection:	System can self-detect errors all the time, and displays the results on the internal display and upper computer, more intelligent and convenient.
Status Feedback:	Providing multiple feedbacks of running status to meet the diverse needs of users. (reflect different device running status according to the requirements of users)
Fail Safe Emergency Exit:	When fire alarm or power failure, gates will open automatically and unimpeded push by hand, which is complying with fire safety requirements.
Anti-collision:	The gates are locked automatically to withstand forced entry attempts.
Auto-reset:	Access would be denied exceed the stipulated time.
Anti-pinch :	With safety infrared sensor anti-pinch, motor position torque anti-pinch and mechanical anti-pinch, triple security protection mechanism to ensure people pass safely.
Tailgating / reverse intrusion Detection:	System can alarm automatically when detecting tailgating behavior or reverse intrusion.
Card Stacking:	Lane remains open while authorizing multiple credentials (bi-directional). Maximum stacking times: 20.

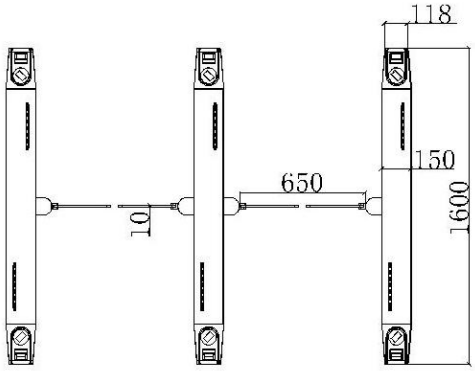
CUSTOMIZED FEATURES:

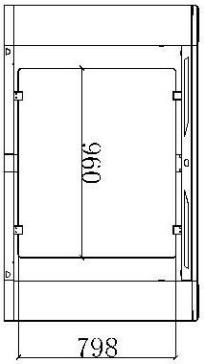
Materials & Finish	➢ Customer-specific adaptations
Passage Width:	➢ Customer-specific adaptations ➢ Lane widths can vary to accommodate ADA compliance.
Systems Integration:	➢ Different Reader Integration ➢ Access Control System Integration ➢ Visitor System Integration ➢ Camera System Integration ➢ Remote Control Button ➢ Wireless Remote Control Button

DIMENSIONAL DRAWINGS

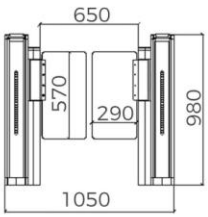




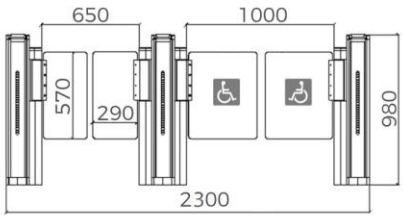




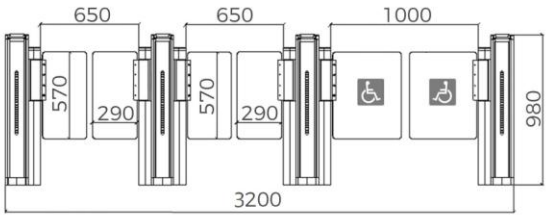
LINE CONFIGURATION WITH COMBINABLE MODULES



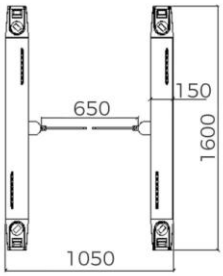
One Lane



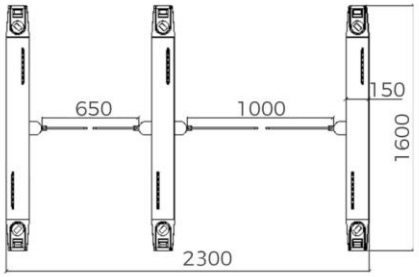
Two Lanes with Handicapped Access



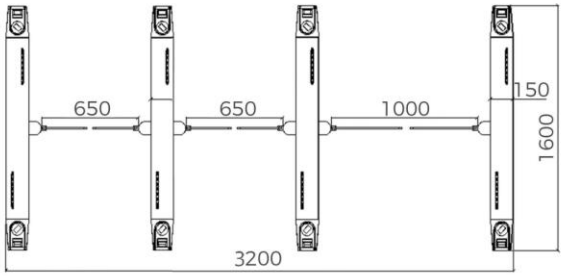
Three Lanes with Handicapped Access



One Lane



Two Lanes with Handicapped Access



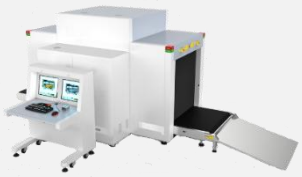
Three Lanes with Handicapped Access

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