



CONTACT INFORMATION

Evolve Security Products Limited

Address: Unit 4, Kenyongs Yard, Weyhill Road, Andover, Hampshire, Sp10 3NP, ENGLAND.

E-Mail: uk.Sales@evolve-autogate.com

TEL: +44 (0) 1264 334786

Evolve Autogate Products Limited

Address: Flat C,4/F, Lladro Centre, NO.72 Hoi Yuen Road, Kwun Tong, Kowloon, HONG KONG

E-Mail: info@evolve-autogate.com

TEL: 00852 35231568

Evolve(ShangHai)Autogate Co.,Ltd

Address: 1212, building 3, No. 655, Gaoji Road, Sijing Town, Songjiang District, Shanghai

E-Mail: cn.sales@evolve-autogate.com

TEL: 021-34692566

Evolve(Shenzhen)Autogate Products Co.,Ltd

Address: Room 603, Building 1, Nantaiyunchuanggu, Tangwei Community, Fenghuang Street,

Guangming District, Shenzhen

E-Mail: yb@evolve-autogate.com

TEL: 0755-23242630



EVOLVING THE WAY YOU MANAGE YOUR PEDESTRIAN ACCESS



COMPANY INTRODUCTION

Evolve was founded in 2012 and is headquartered in UK northwest of Europe. We're committed to provide safe access control products and manufacturing, through our professional achievements, we will provide you with a high-quality channel product solutions and competitive prices.

For the global security industry development experience, from the early manual management and release, access control sensor card recognition, biological (fingerprint / palmar vein / iris) recognition to the most rapid development trend of face recognition. Evolve can provide solutions for simple door opening and release or in-depth docking of channel system, so that integrators and users can fully experience and enjoy our advanced pedestrian access management technology, which will bring more prosperity and innovation to the whole industry.



Evolve has been committed to product R & D and testing with the highest standards since its inception. It has been our mission to provide better product service and technical support for customers.

Always use innovative methods to design and manufacture products. Focus on research and analysis of user needs, win-win with our customers, colleagues and partners is the driving force of our work, constantly improve product quality, and enthusiastically find the best technical solutions for each application site.

01 Speciality

Product and technology refinement is the stability of the product is a crucial factor, it is related to its service life, including the selection of each component is related to the quality of the whole pedestrian channel management system, adhere to the details, use the world's most advanced, high-quality raw materials and accessories, committed to creating beautiful and durable equipment in the professional field of pedestrian channel.

02 Reliability

For the gate, its product quality, construction environment and the selection of a small number of electronic components are the key factors affecting the normal operation of the equipment. The movement is the core of the whole channel product, and its stability is also the embodiment of the technical strength of a company that has galloped in the import and export control professional company for many years; evolve movement can reach the industry's leading 15 million times of door opening and closing life times (the experimental data obtained in the laboratory of a regular testing institution) and meets the European CE standard

03 Superiority

The humanized service can meet the personalized customization of the product requirements of the pedestrian channel management system. Evolve gate management system is not only a set of hardware management equipment for the entrance and exit, but also can be linked with the access control and ladder control systems. In addition to its own functions of the pedestrian channel management system, it can also be designed according to the site environment, requirements, conditions and design of each site Customize the features.

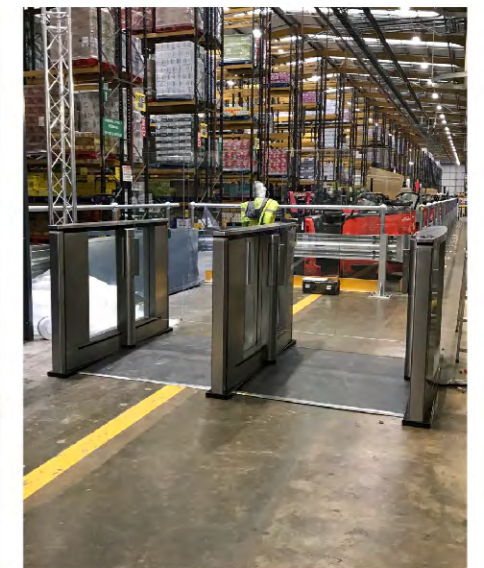
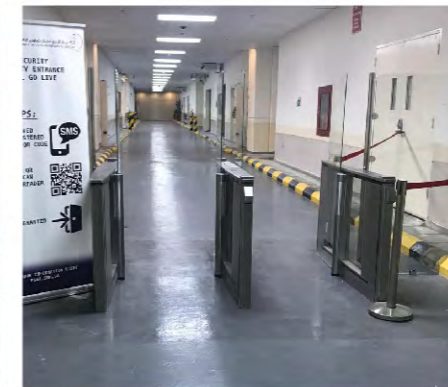
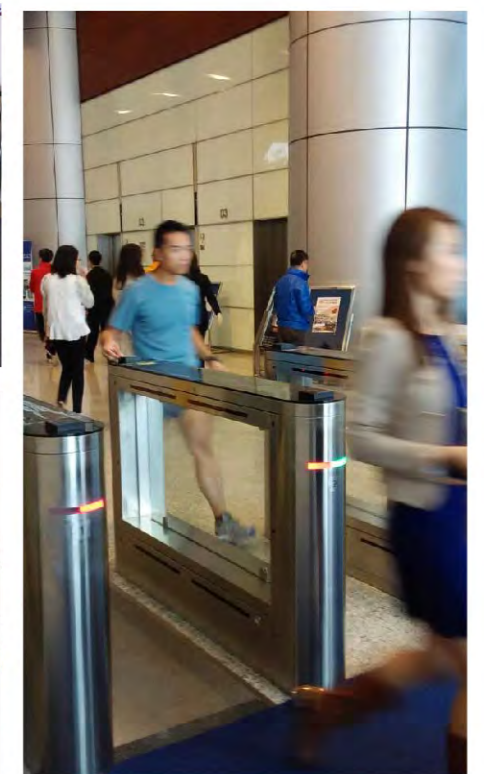
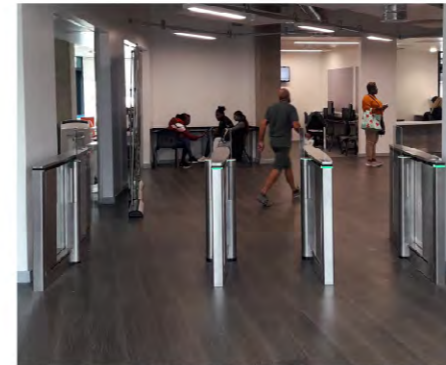
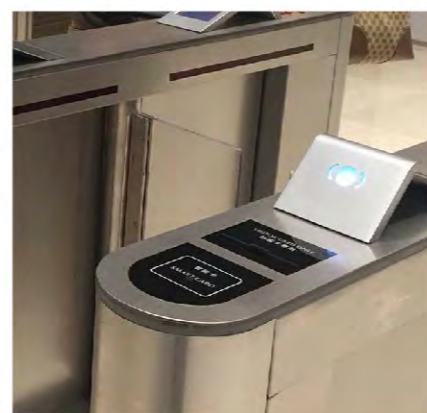
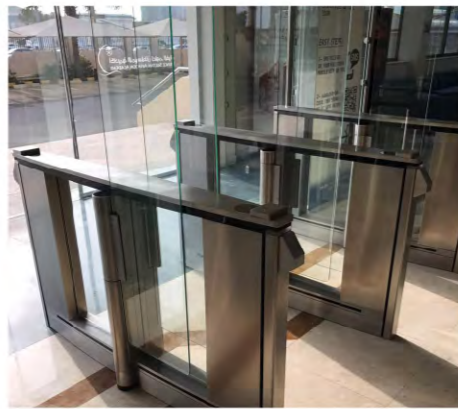
04 Global

Evolve has set up a sales and service network radiating to Europe in the United Kingdom, set up a branch in Hong Kong to serve the local and Southeast Asian markets in Hong Kong, and has our Chinese team in Shanghai to operate the Chinese market. In addition, there are also good channel partners in Nigeria and the Middle East!



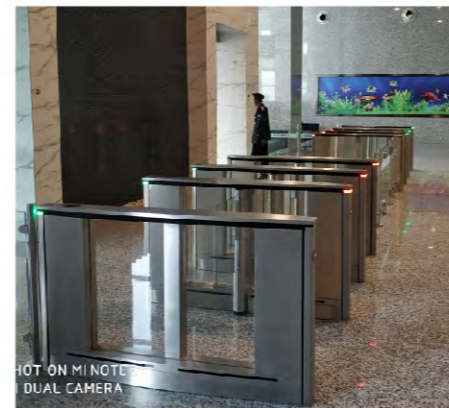
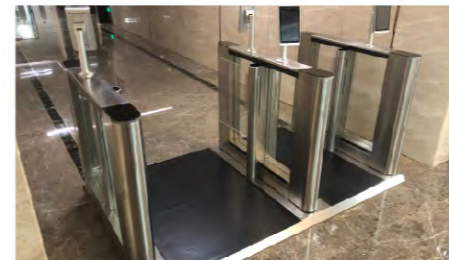
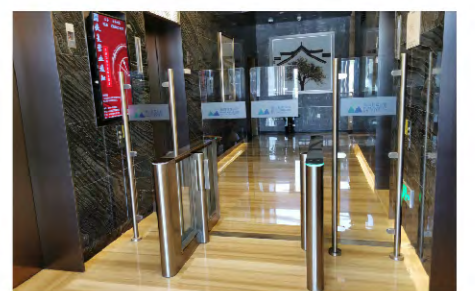
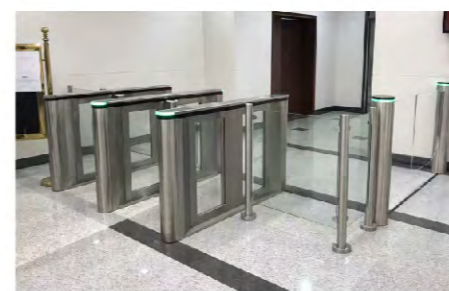
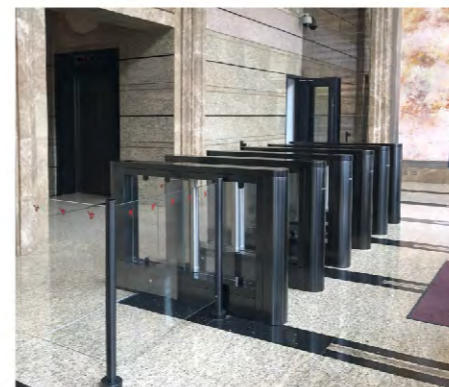
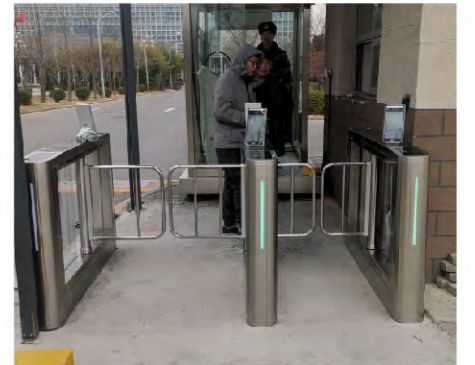
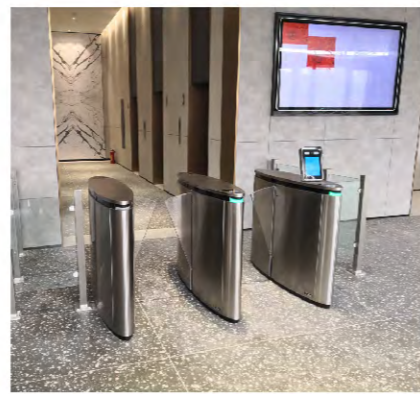
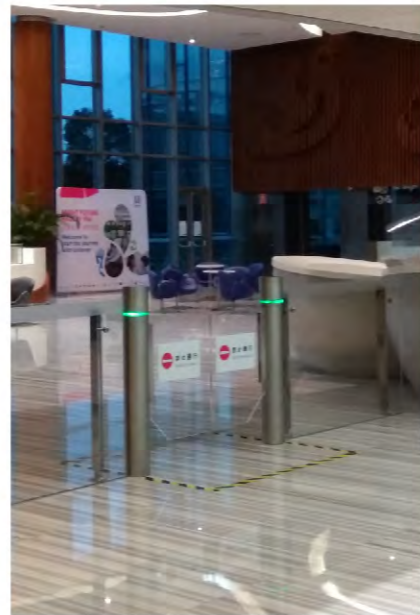
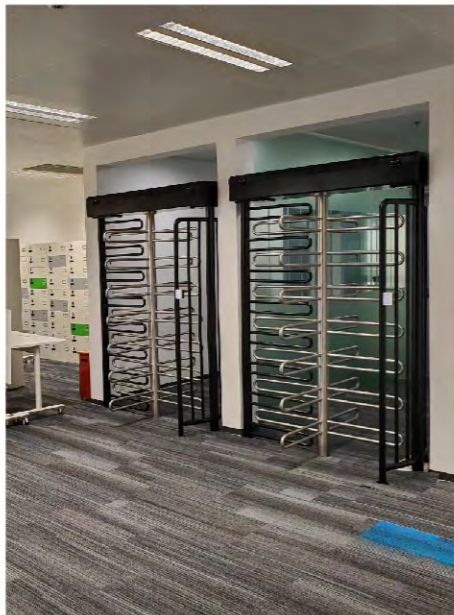
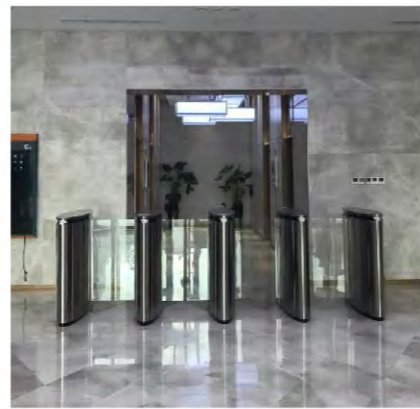
PROJECT CASE DIAGRAM

UK/HK



PROJECT CASE DIAGRAM

CHN



PG

DEVICE PARAMETERS

PG series swing type quick pass door can provide high traffic flow, and convey our deep understanding of the channel door products in an elegant, delicate and transparent design way. When installed with any access control system, PG series can provide a medium level access solution.



Access mode

one-way
two-way
(optional)



Running speed

0.4S-1.2S
(user can set)



Operating mode

normally open
normally closed
(user can set)



Control mode

9 kinds of wo-way
control mode to
choose from



Protection function

it has the functions of
anti pinch, anti-collision,
anti stall, anti electric,
over voltage and over
current



Isolation technology

Standard external
electrical interface,
with photoelectric
safety isolation



Traffic memory

Pass memory
support 0 ~ 99
continuous open
signal input



Touch screen operation

convenient for user
debugging



Material

- Cabinet: AISI#304
- Obstacle: Plexiglass/ Tempered glass
- Environment: Internal
- Sensors: $\geq 8/16/20$ Nos



Electrical

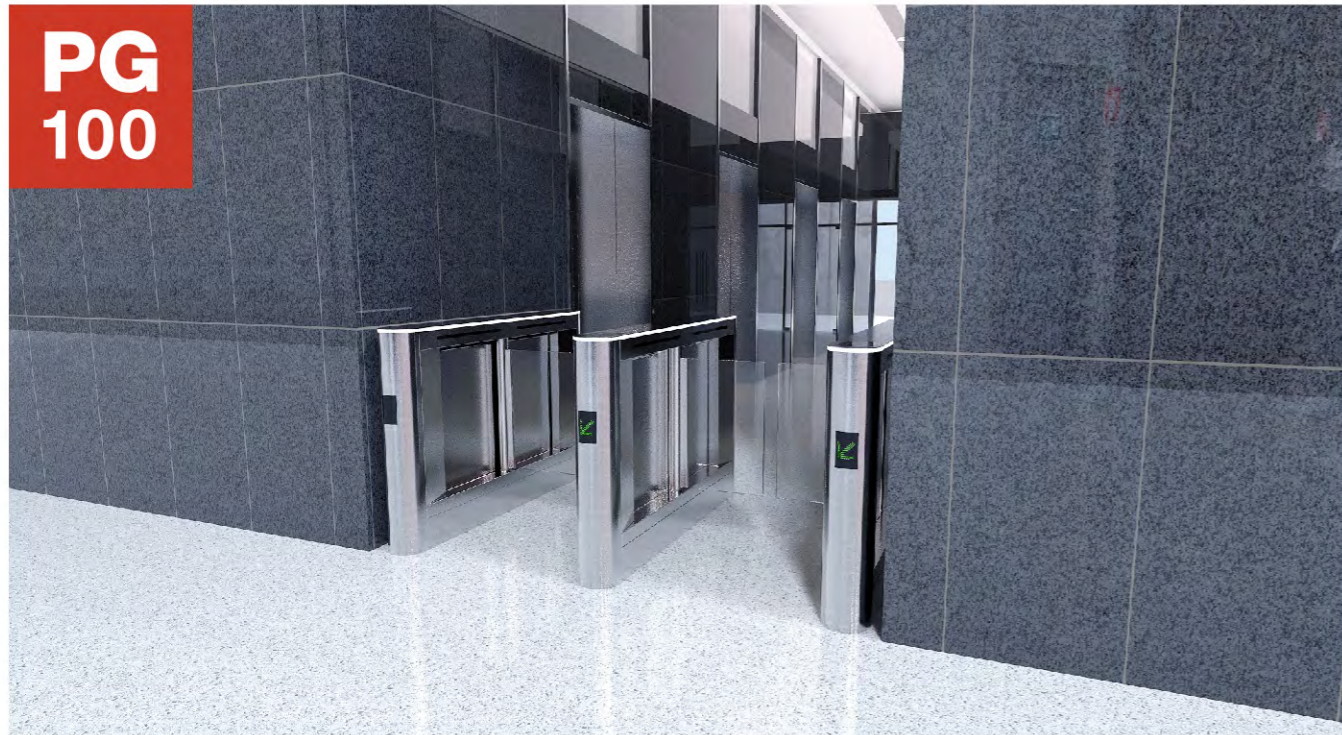
- Power: AC110V-120V AC200-240V 150W
- Run voltage: DC24V
- Operating power: Standby 10W,
Usually 65W, Peak 100W



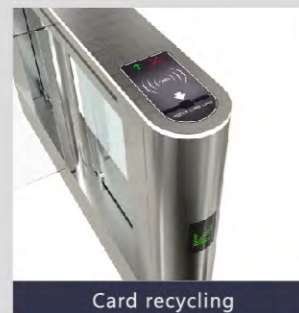
Performance

- Positioning: Encoder
- Safety mode: Power off can push
- Motor drive: Servo drive control
- Opening mode: Rotate 90 degrees
- Passage width: 600mm/900mm
- Noise: ≤ 60 db
- Speed: ≥ 30 P/min
- Mean Cycles Between Failure(MCBF): ≥ 3 million times
- Life span: \geq More than or equal to 15 million times

**PG
100**



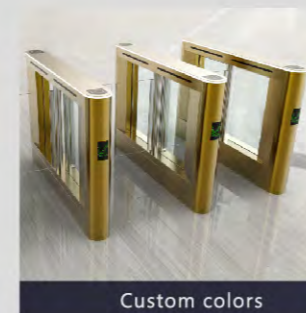
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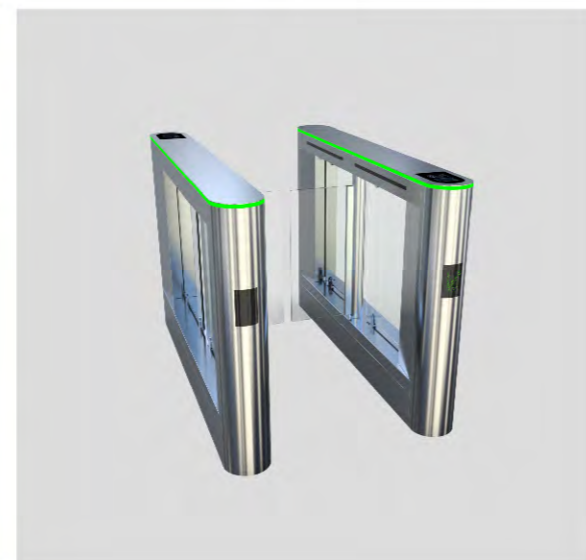
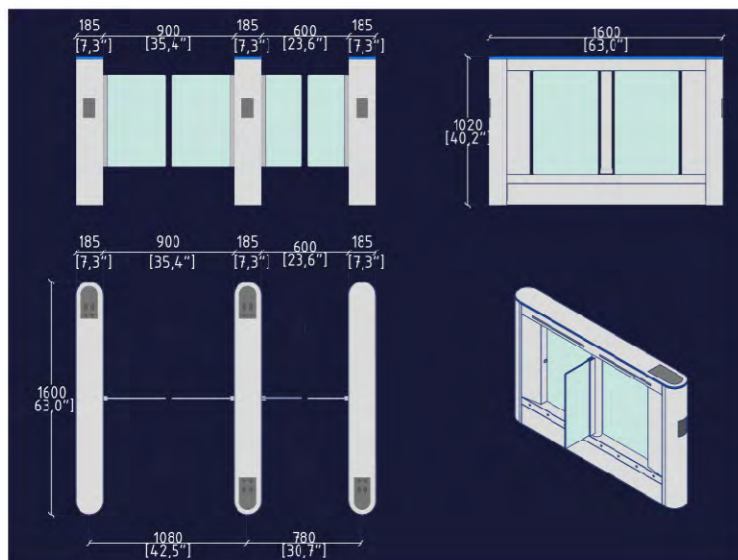
Card recycling



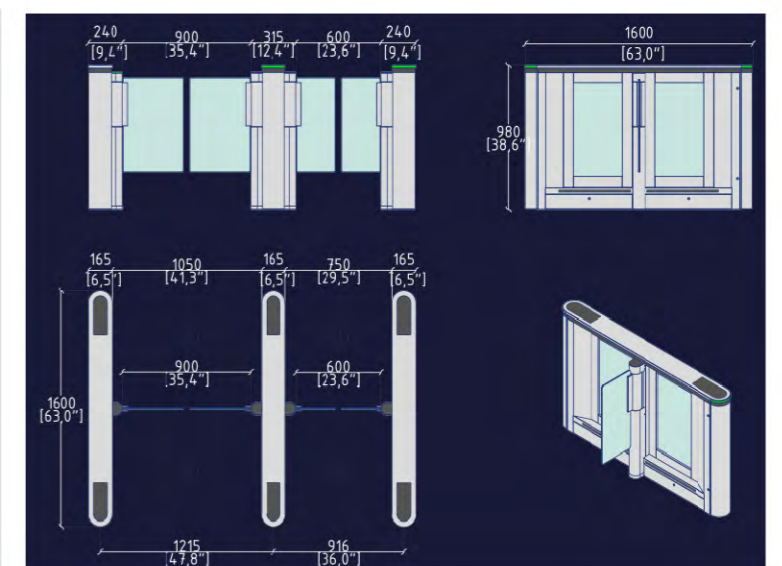
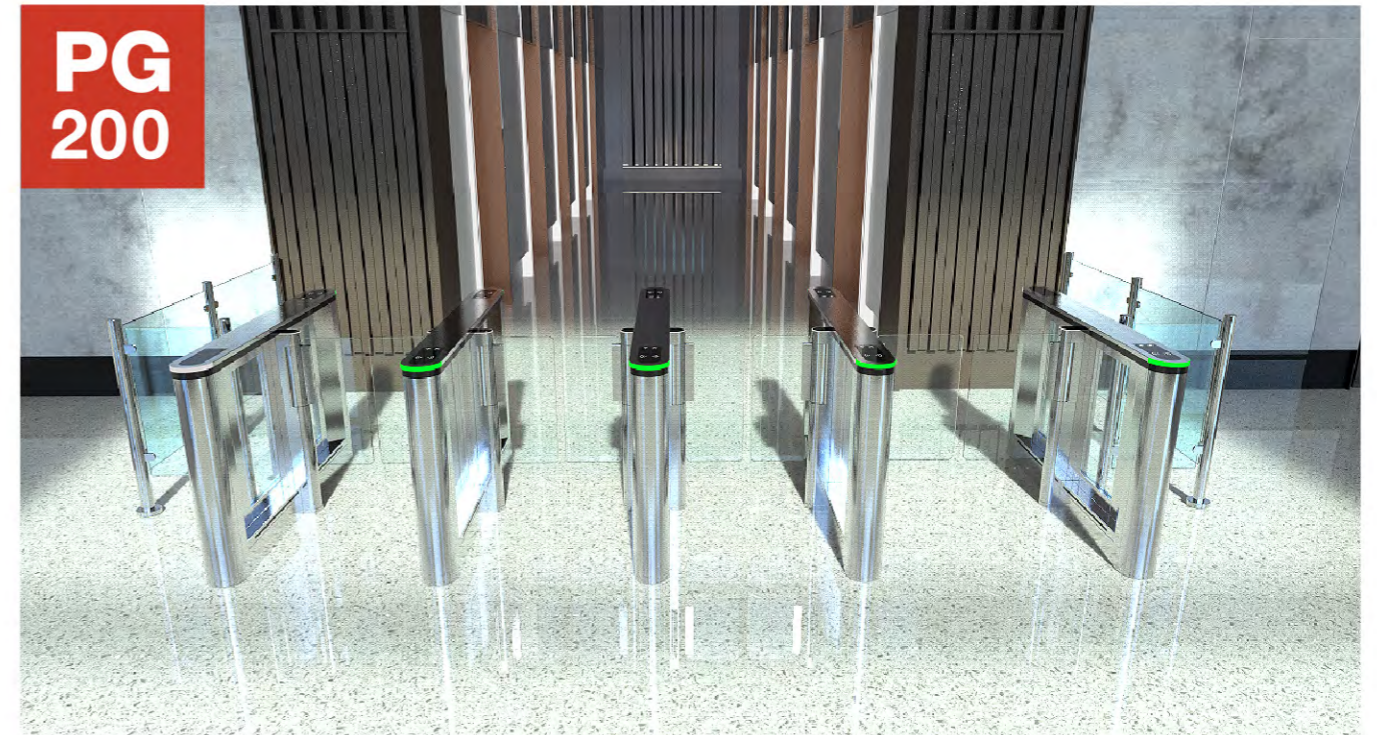
Face recognition



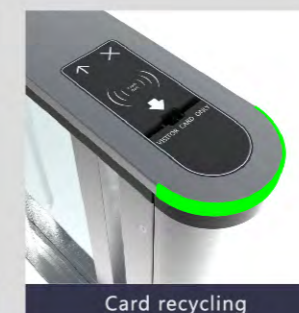
Custom colors



**PG
200**



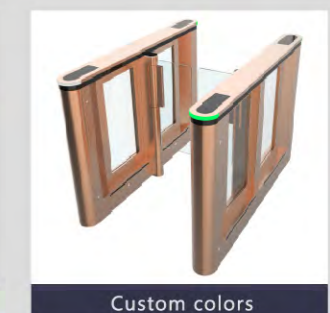
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Card recycling

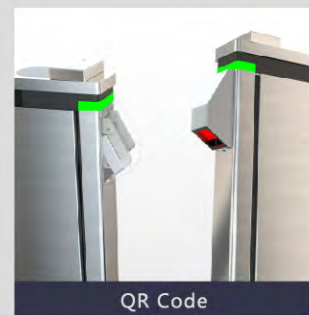


Face recognition

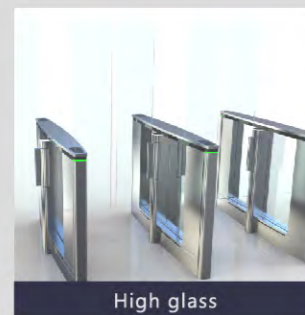


Custom colors

PG 300



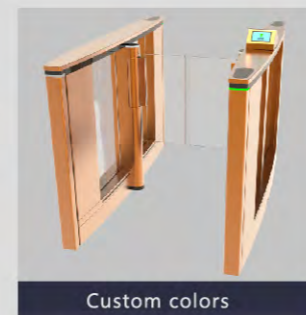
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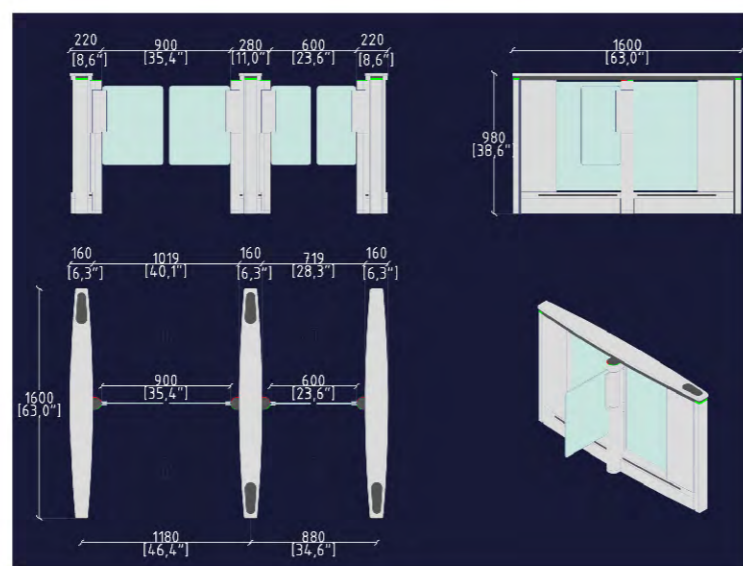
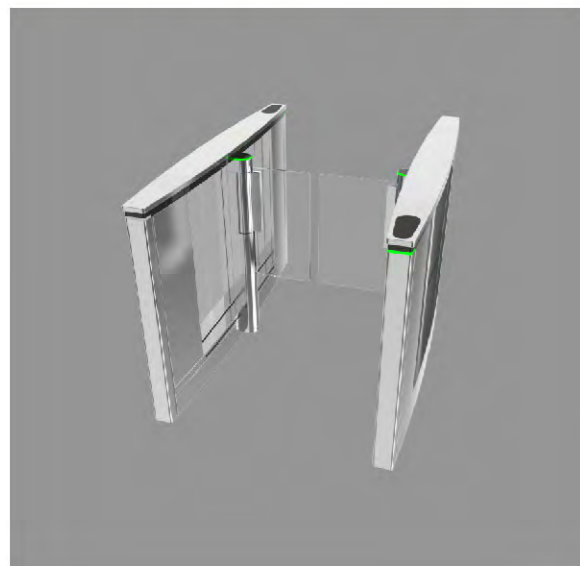
High glass



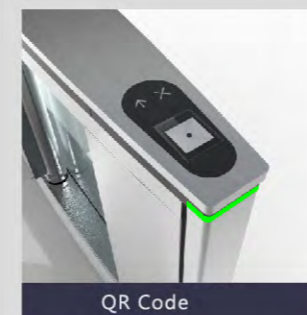
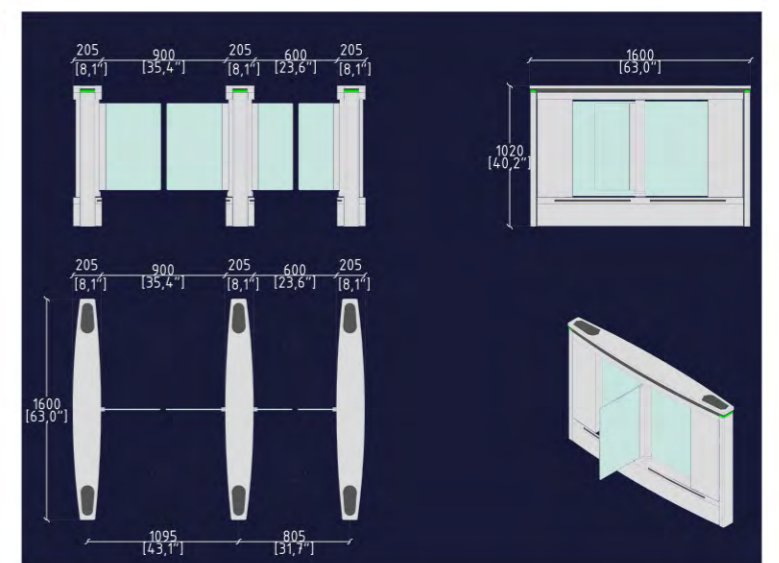
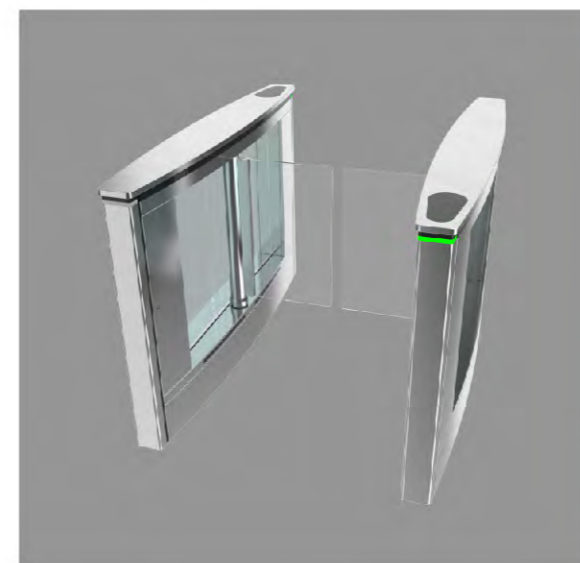
Face recognition



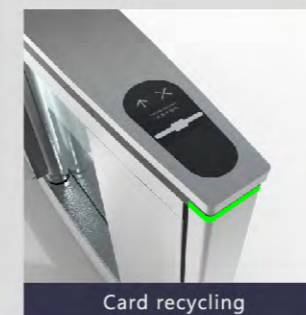
Custom colors



PG 400



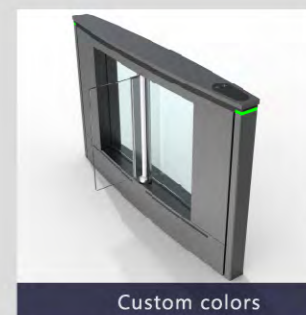
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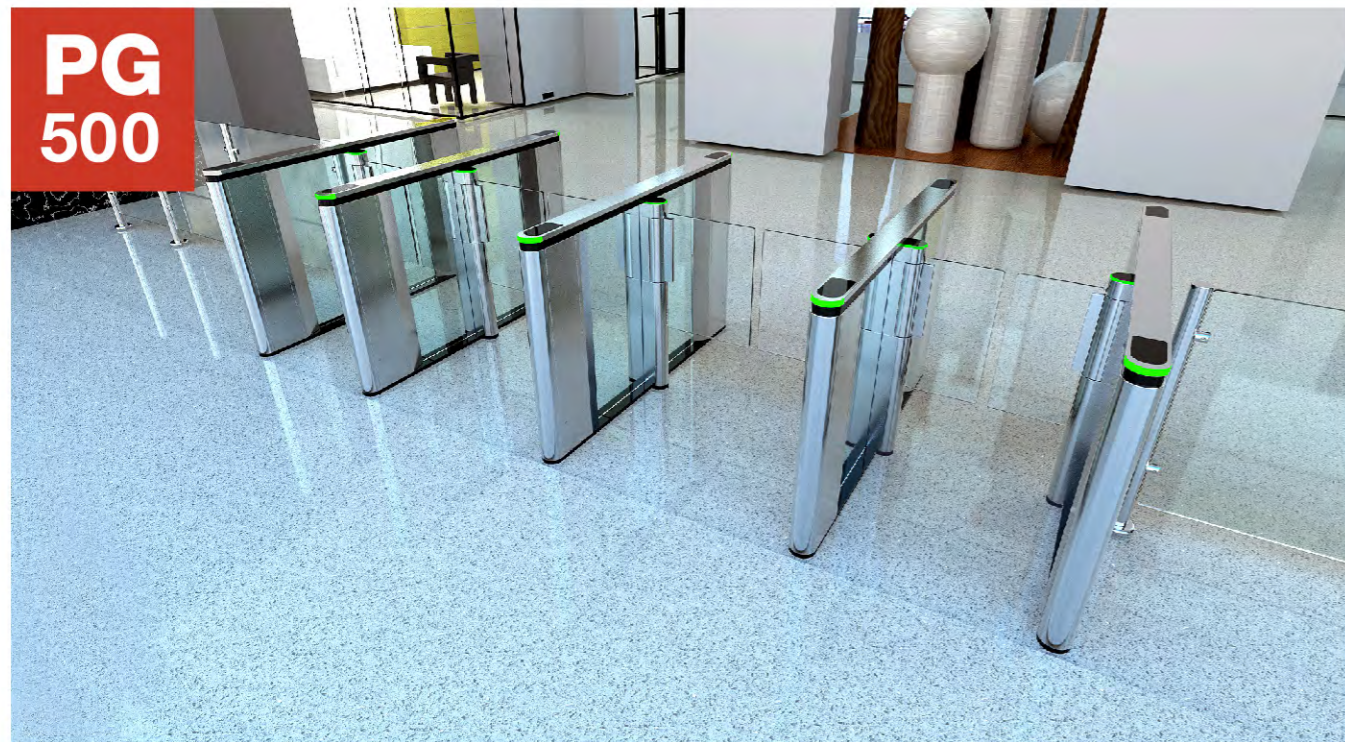
Card recycling



Face recognition



Custom colors



**PG
500**



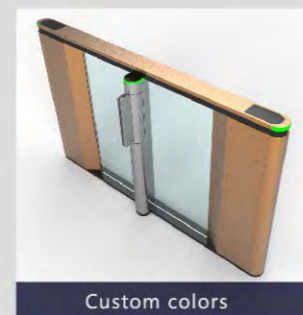
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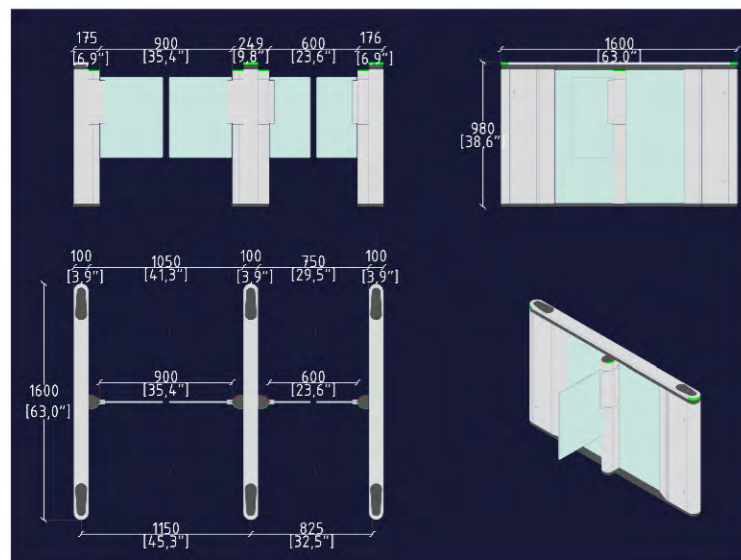
High glass



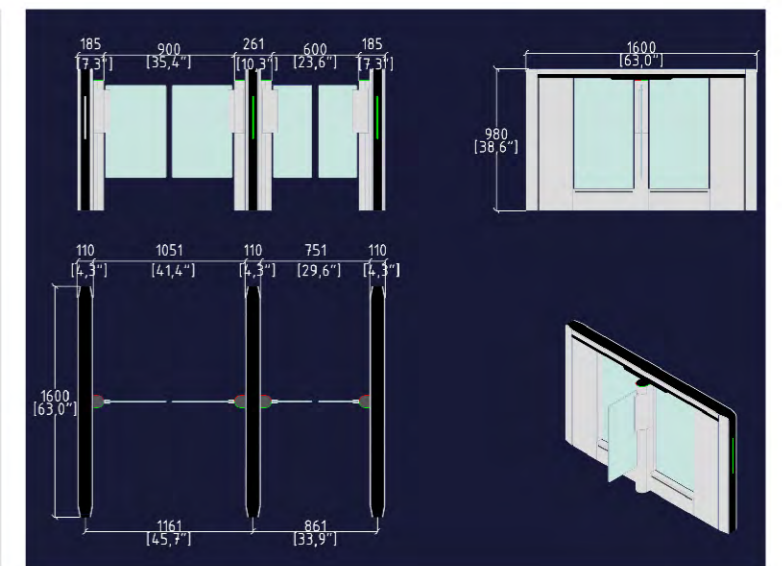
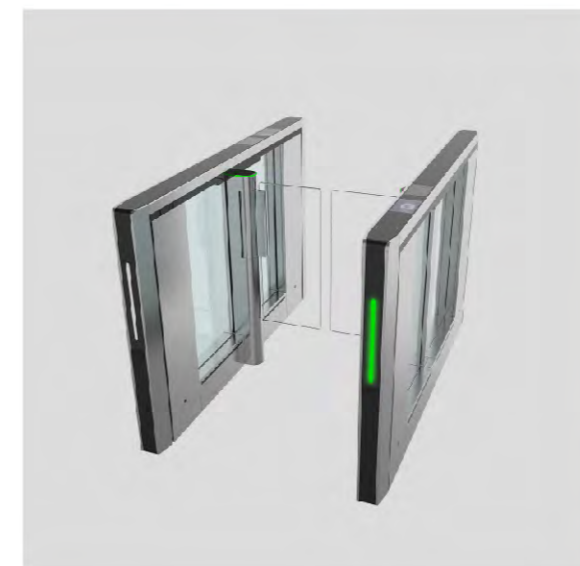
Face recognition



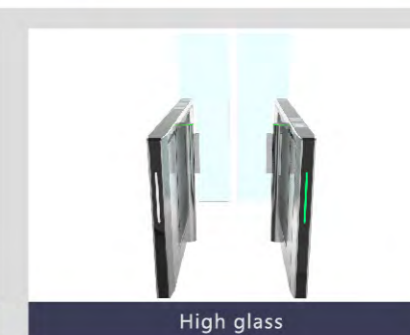
Custom colors



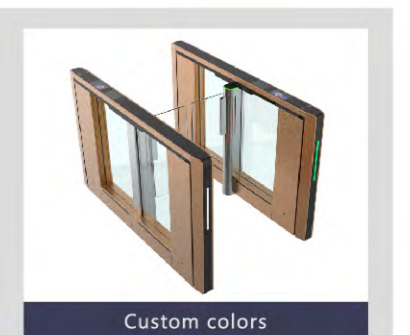
**PG
600**



QR Code



High glass



Custom colors

APG

DEVICE PARAMETERS

The APG series products are suitable for the airport terminal building; the personnel release management of the self-service verification channel and the boarding gate channel. Reduce the labor intensity of labor, make it more intelligent and simplify passenger travel; ease the pressure of passenger flow at the airport, reduce passenger boarding time, and improve passenger check-in experience.

This device supports

- Boarding pass identification
- Face recognition
- Identification of certificates
- Voucher printing
- Information display
- Manual management

Technical Parameters

- Cabine: AISI#304/cold rolled sheet
- Obstacle: Plexiglass
- Environment: Internal
- Power: AC110V-220V 150W
- Run voltage: DC24V
- Input Interface: Dry contact/RS485/RS232
- Sensors Opposite shot and light curtain combination
- Passing speed: 30-40 people/min



Communication function

With communication function, upper computer can control opening or closing and state feedback



Alarm function

With sound and light alarm function, in case of illegal intrusion / reverse intrusion / follow-up entry, the management personnel can be reminded to intervene



Anti collision function

It has anti-collision function, adopts high-strength sheet metal structure design, precise logic judgment, and can block out unauthorized personnel



Protection function

With protection function, when personnel are blocked in the process of gate wing movement, the gate wing will automatically stop to protect personnel



UPS power supply

With UPS power supply, effectively solve the problem caused by power shortage The stampede



Emergency release

With emergency release function, an emergency button is equipped at the rear of the equipment, which can be opened in case of emergency



Light indication

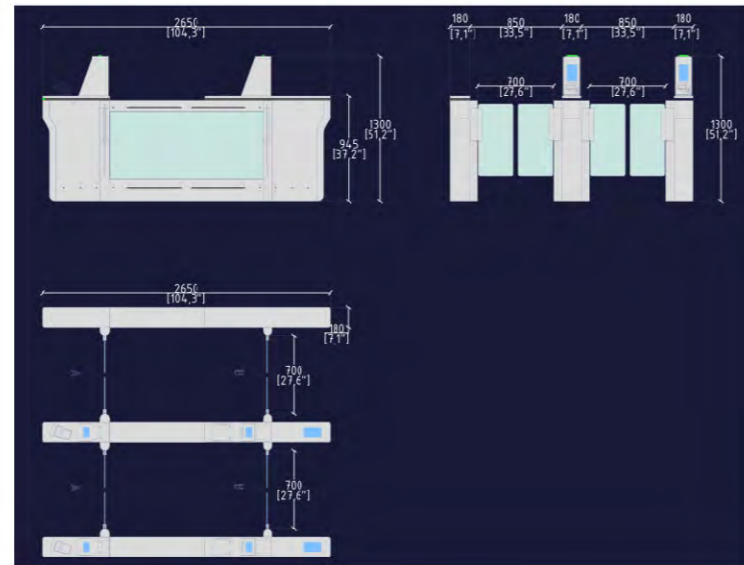
It has light indication, equipment status indication and personnel release signal indication



Custom options

With customized options, equipment shape and material color

APG 200



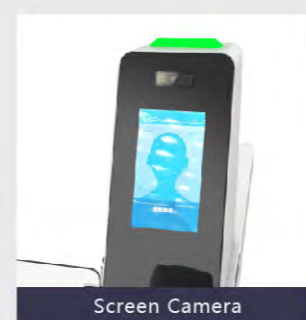
One channel



Boarding pass



Passport

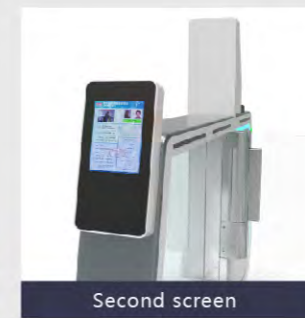


Screen Camera

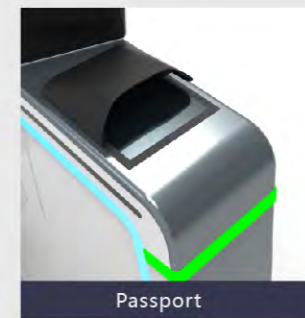
APG 300



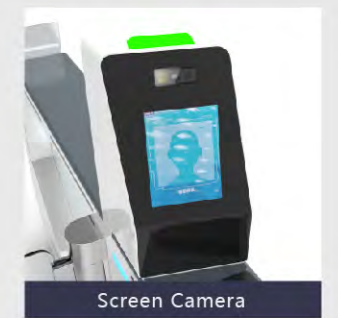
Boarding pass



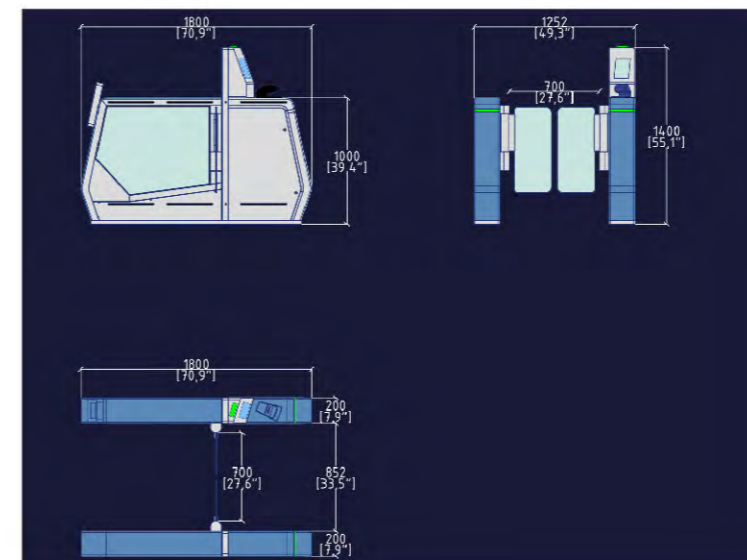
Second screen



Passport



Screen Camera



FT

DEVICE PARAMETERS

The full-height Turnstile is composed of a fence, a central rotating shaft, a four-position 90-degree rotating gear lever, and a control drive box beam. It is a special product for controlling and recording personnel access control areas. This product is recommended to be used in the entrances and exits of various high-security areas to manage the flow, authorization and records of people entering and exiting



Cabinet

Iron spray

Obstacle

Steel pipe

Power

AC220V \pm 10% ; 50/60HZ

Open Direction

Two-way

Environment

Internal/External

Passage width

600mm

Rotary Degree

90°

Speed

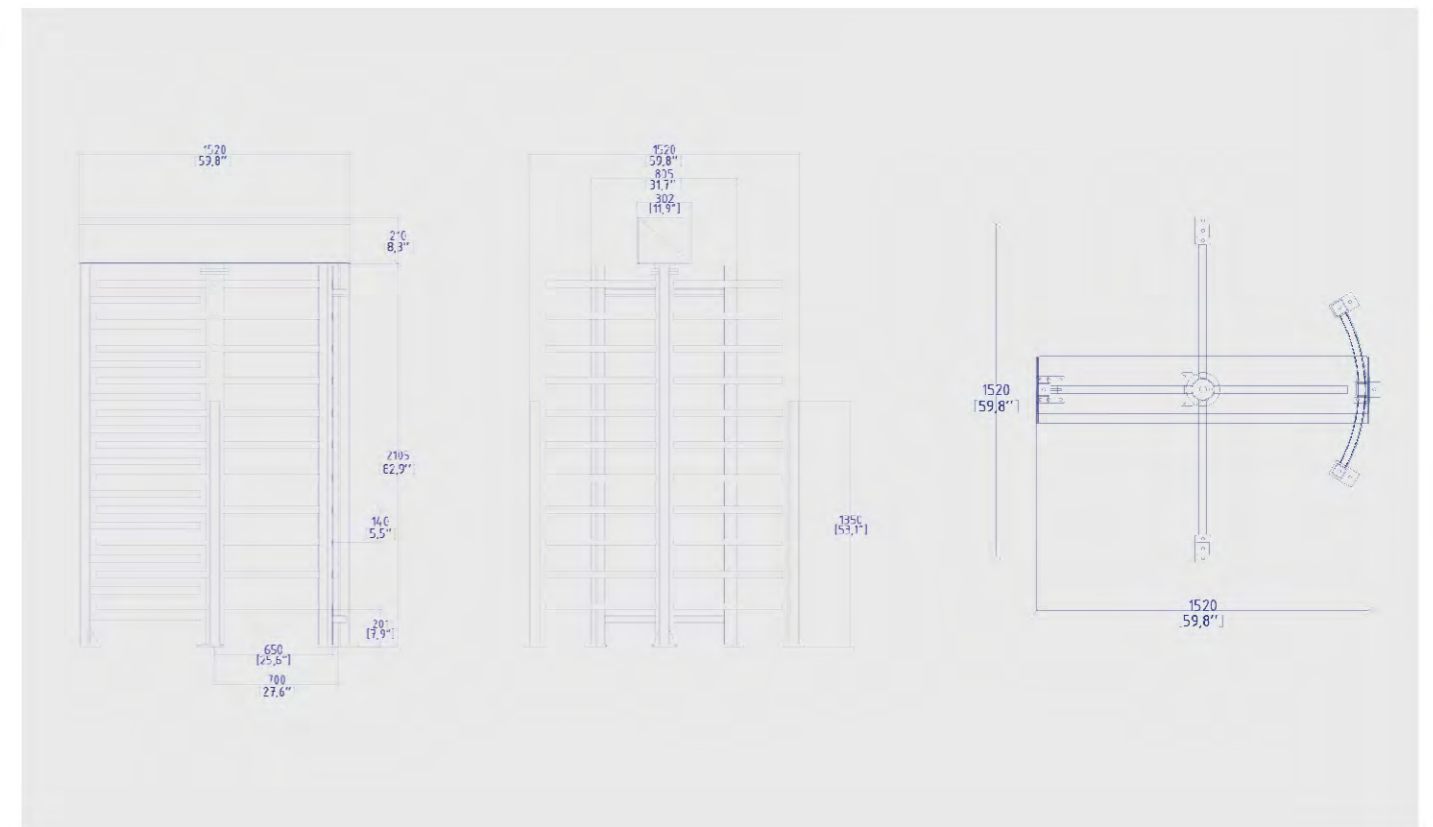
20 P/min

Protection Grade

IP54

Coating and Color

Matte Blue



RG

DEVICE PARAMETERS

RG
100



Access mode

one-way
two-way
(optional)



Running speed

0.4S-1.2S
(user can set)



Operating mode

Normally open
Normally closed
(user can set)



Control mode

9 kinds of wo-way
control mode to
choose from



Protection function

it has the functions of
anti pinch, anti-collision,
anti stall, anti electric,
over voltage and over
current



Isolation technology

Standard external
electrical interface,
with photoelectric
safety isolation



Traffic memory

Pass memory
support 0 ~ 99
continuous open
signal input



Man-machine Interface with user-friendly interface

convenient for user
debugging



Material

- Cabinet:AISI#304
- Obstacle:Plexiglass
Environment:Internal
- Sensors: ≥ 8 Nos



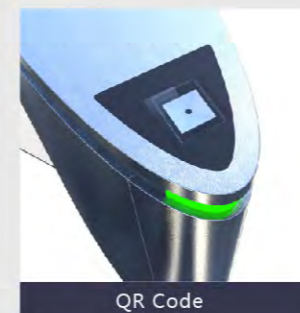
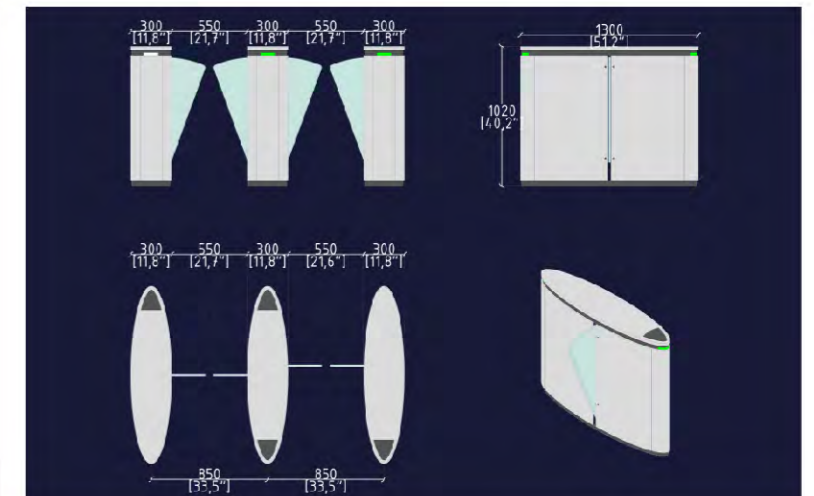
Electrical

- Power:AC110V-120V AC220V-240V 150W
- Run voltage:DC24V
- Operating power:
Standby10W/Usually65W/Peak100W



Performance

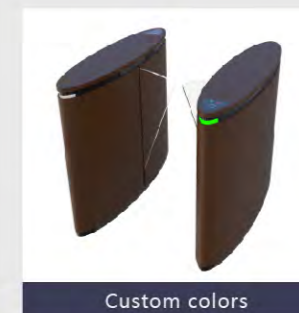
- Positioning:Encoder
- Safety mode:lose power,can
retract it into the box
- Motor drive:
Servo drive control
- Opening mode:
Rotate 90 degrees
- Noise: ≤ 60 db
- Speed: ≥ 30 P/min
- Mean Cycles Between
Failure(MCBF): ≥ 3 million times
- Life span: \geq More than or equal to
15 million times



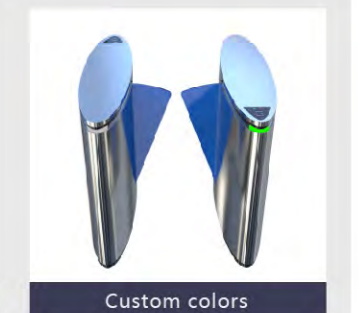
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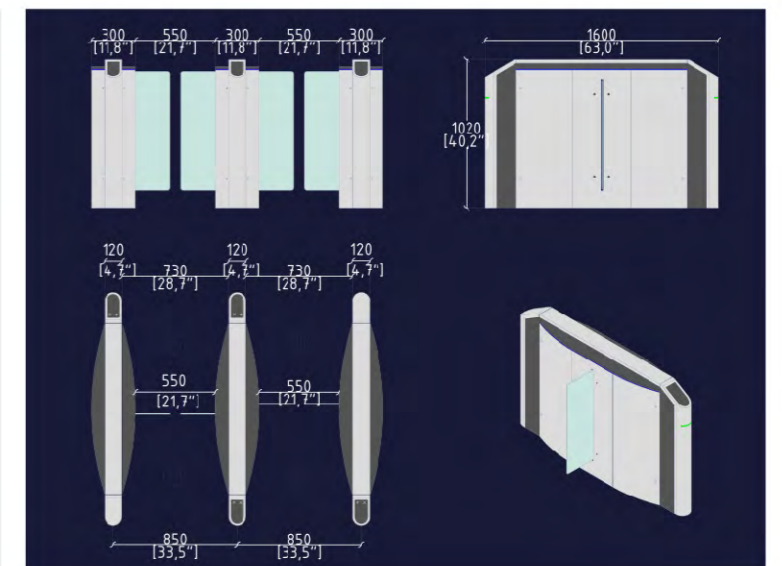
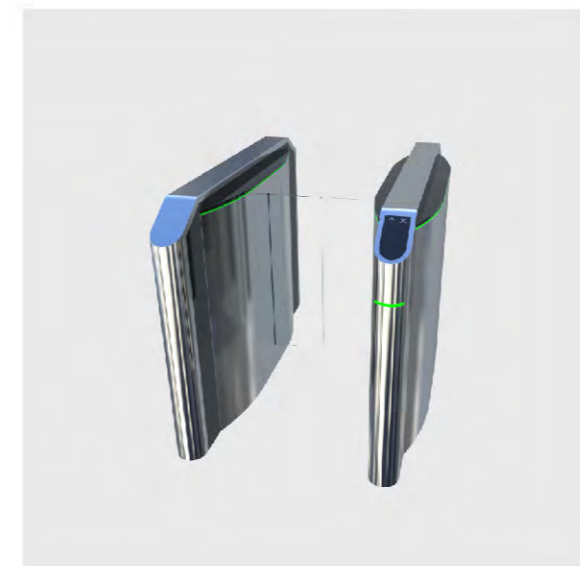
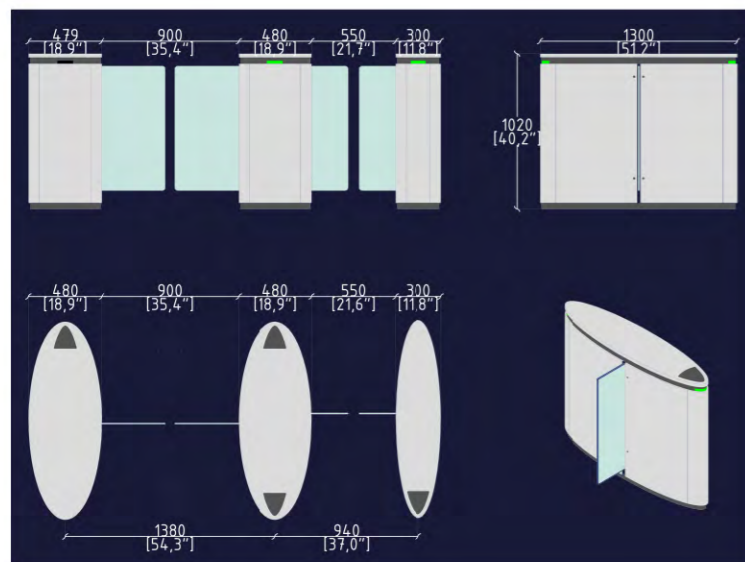
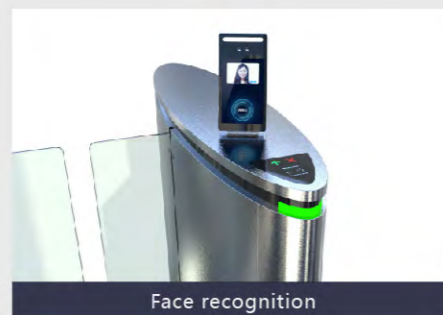
Face recognition



Custom colors



Custom colors



**RG
400**



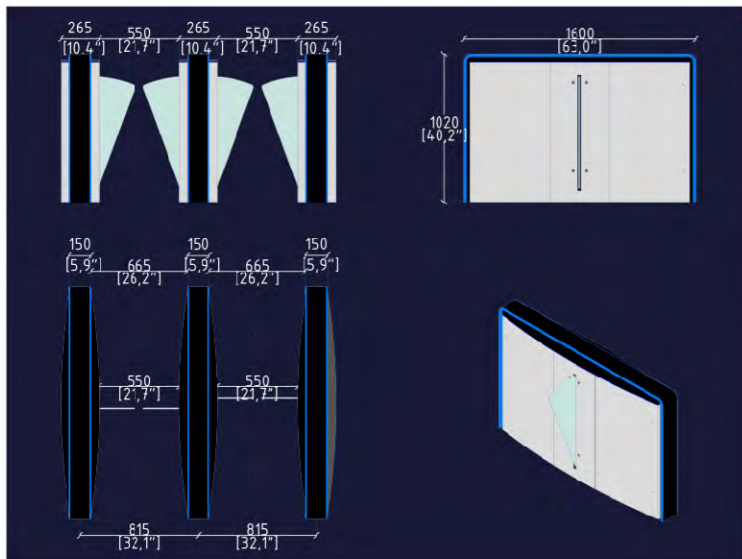
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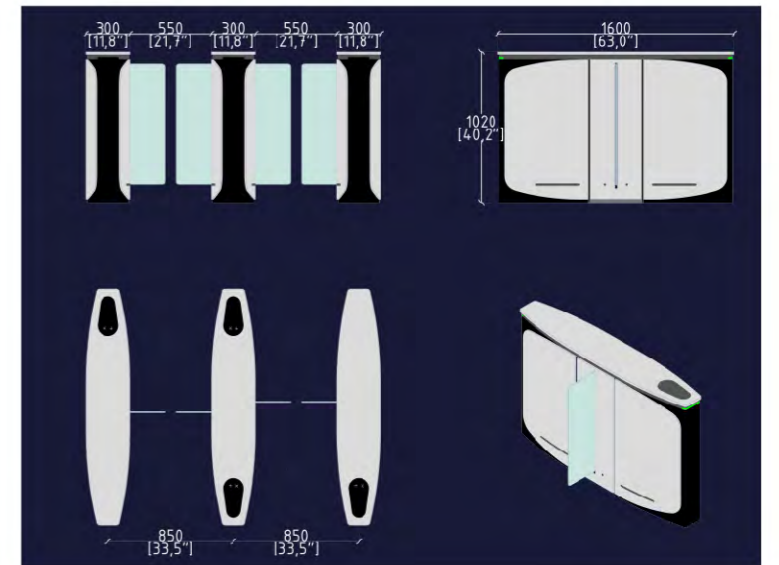
Face recognition



Custom colors



**RG
500**



QR Code



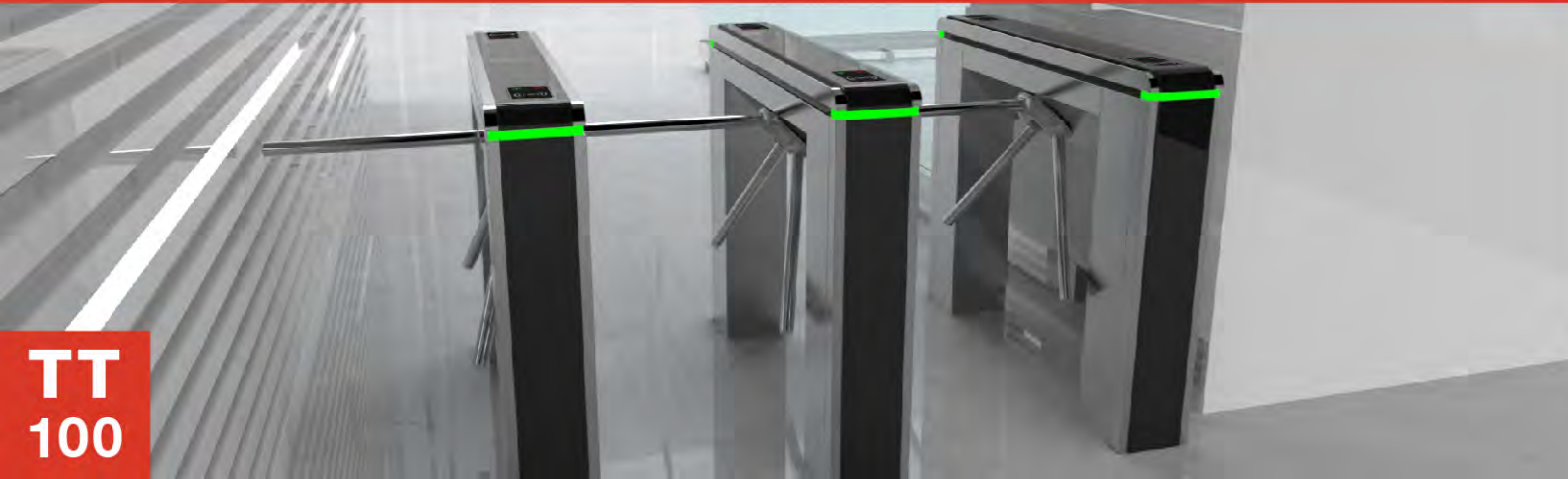
Face recognition



Custom colors

TT

DEVICE PARAMETERS



TT
100



Access mode

One-way
Two-way
(optional)



Safe mode

Drop the steel pipe



Use environment

Interior
Extrinsic
(TT300 Can be use Extrinsic)



Control mode

9 kinds of wo-way
control mode to
choose from



Protection function

It has the functions of
anti pinch, anti-collision,
anti stall, anti electric,
over voltage and over
current



Isolation technology

Standard external
electrical interface,
with photoelectric
safety isolation



Traffic memory

Pass memory
support 0 ~ 99
continuous open
signal input



Man-machine interface with user-friendly Interface

Convenient for user
debugging



Material

- Cabinet: AISI#304/Cold plate spraying
- Environment: Internal



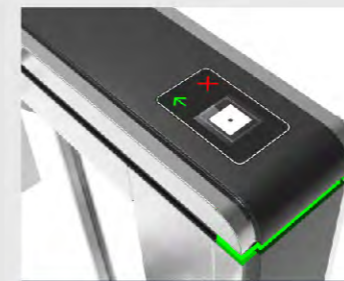
Performance

- Positioning: Encoder
- Safety mode: lose power, drop the steel pipe
- Motor drive: Servo drive control
- Opening mode: Rotate 120 degrees
- Noise: $\leq 60\text{db}$
- Speed: $\geq 20\text{P/min}$
- Mean Cycles Between Failure(MCBF): ≥ 3 million times
- Life span: ≥ 1500 万次 More than or equal to 15 million times



Electrical

- Power: AC110V-120V AC220V-240V 150W
- Run voltage: DC24V
- Operating power: Standby5W, Usually65W, Peak75W



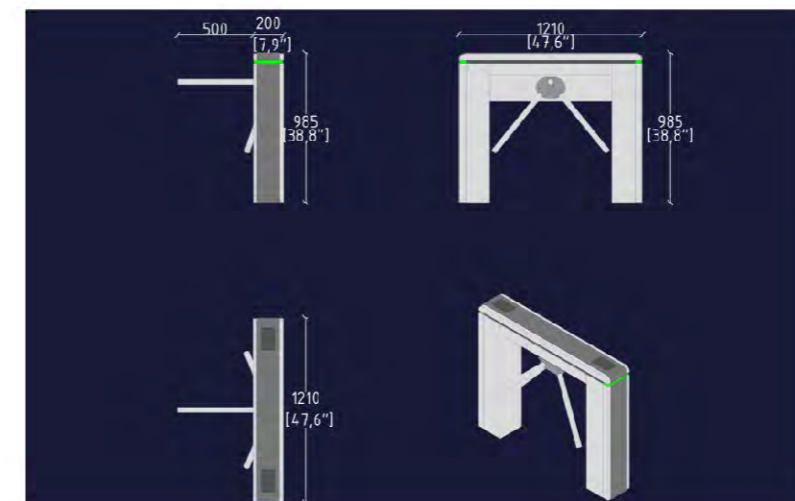
QR Code



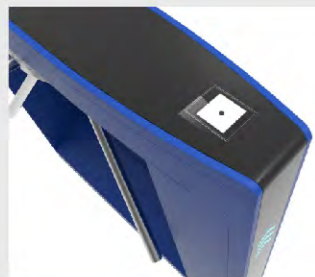
Face recognition



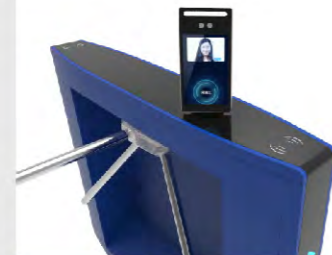
Custom colors



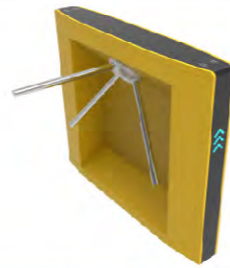
TT 200



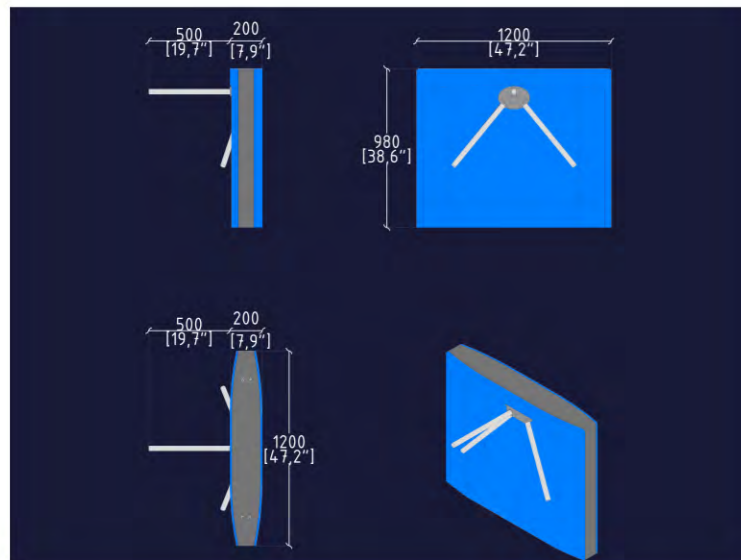
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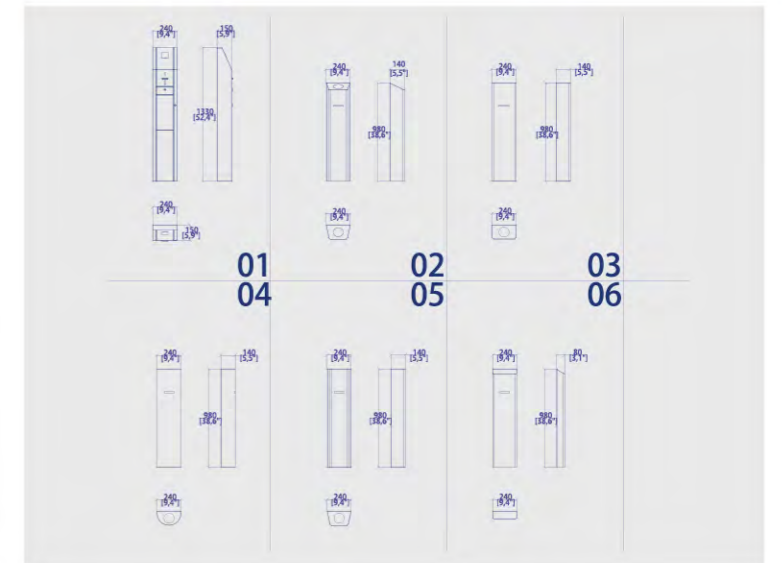
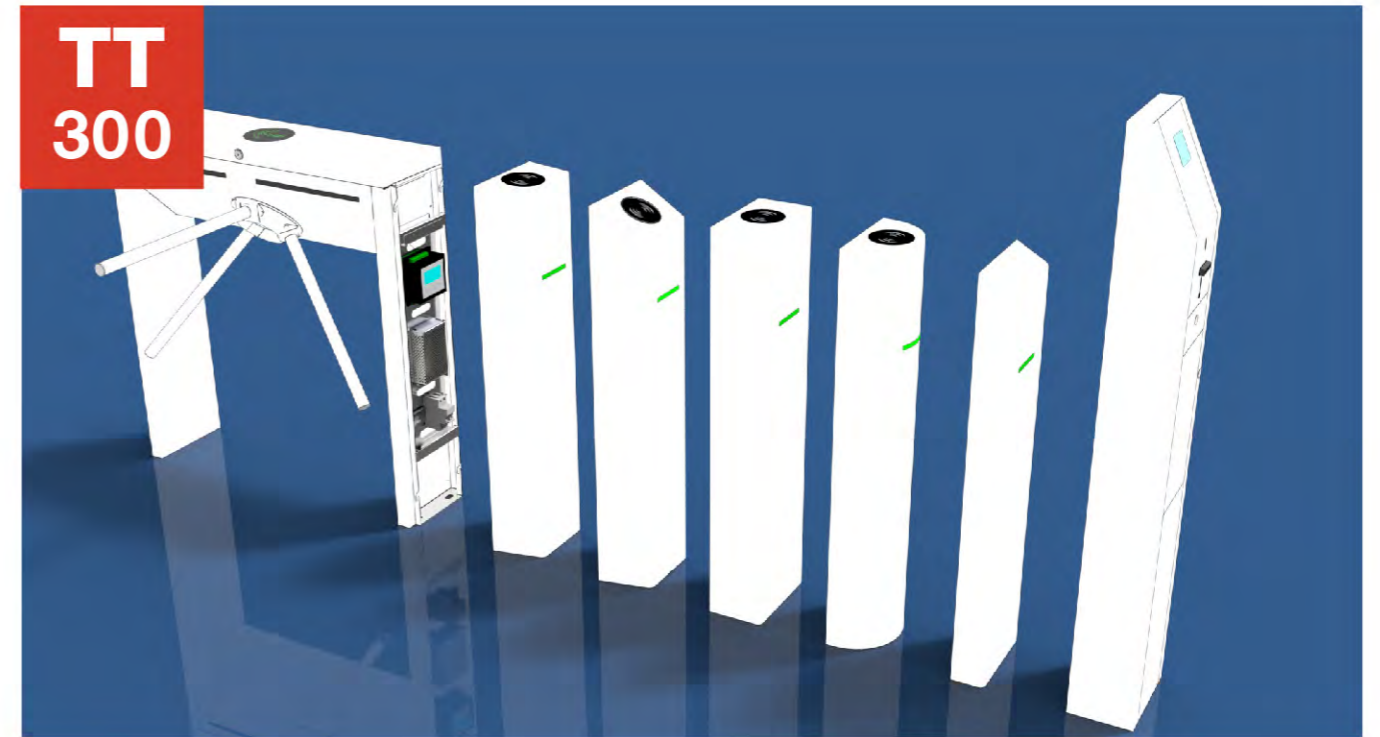
Face recognition



Custom colors



TT 300



01



02



04



06

SG

DEVICE PARAMETERS

SG series is to meet the most standard fast door products, with the principle of fast delivery, to save delivery time for customers. When installed with any access control system, SG series can provide a medium level access solution.



Access mode

One-way,
Two-way
(optional)



Running speed

0.4S-1.2S
(user can set)



Operating mode

Normally open
Normally closed
(user can set)



Control mode

9 kinds of wo-way
control mode to
choose from



Protection function

It has the functions of
anti pinch, anti-collision,
anti stall, anti electric,
over voltage and over
current



Isolation technology

Standard external
electrical interface,
with photoelectric
safety isolation



Traffic memory

Pass memory
support 0 ~ 99
continuous open
signal input



Man-machine interface with user-friendly interface

Convenient for user
debugging



Material

- Cabinet: AISI#304
- Obstacle: Plexiglass/Tempered glass
- Environment: Internal
- Sensors: $\geq 8/16/20$ Nos



Electrical

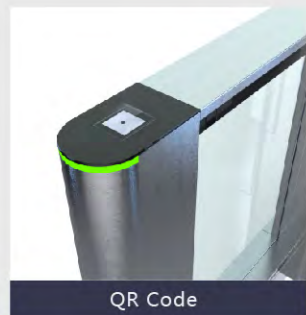
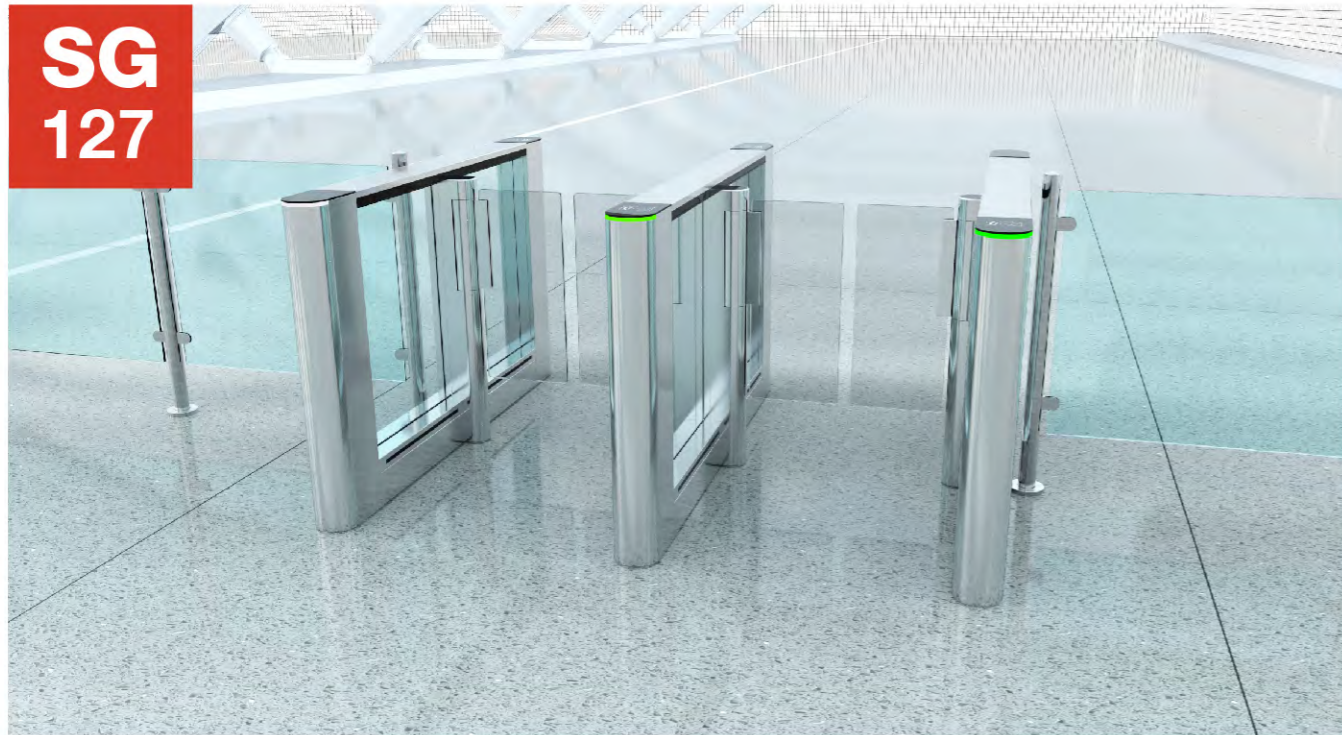
- Power: AC110V-120V AC220V-240V 150W
- Run voltage: DC24V
- Operating power:
Standby10W, Usually65W, Peak100W



Performance

- Positioning: Encoder
- Safety mode: Power off can push
- Motor drive: Servo drive control
- Opening mode: Rotate 90 degrees
- Passage width: 600mm/900mm
- Noise: ≤ 60 db
- Speed: ≥ 30 P/min
- Mean Cycles Between
Failure(MCBF): ≥ 3 million times
- Life span: \geq More than or equal to 15
million times

**SG
127**



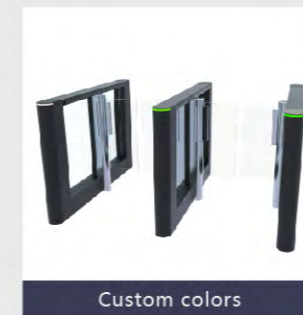
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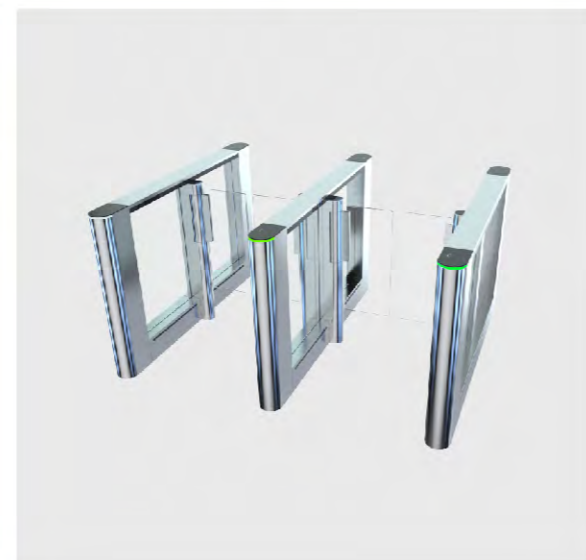
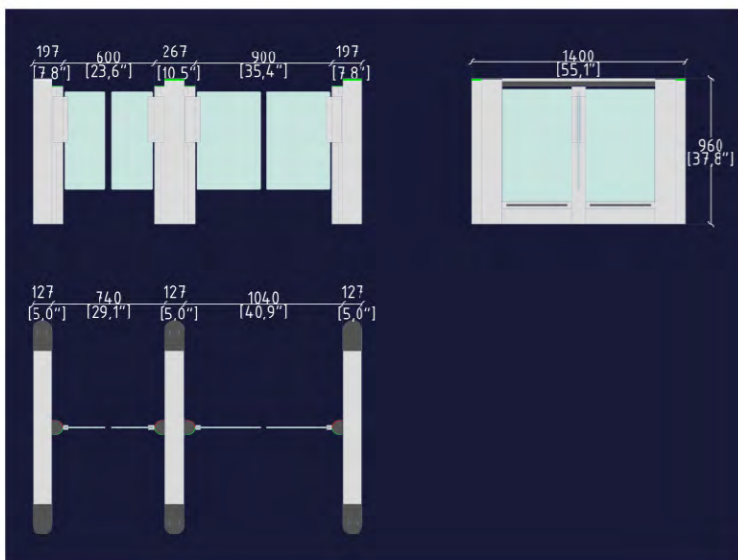
Tempered glass



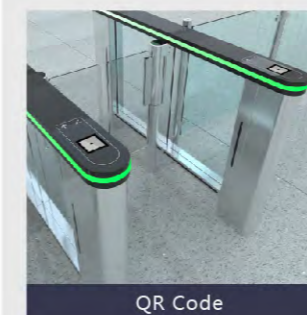
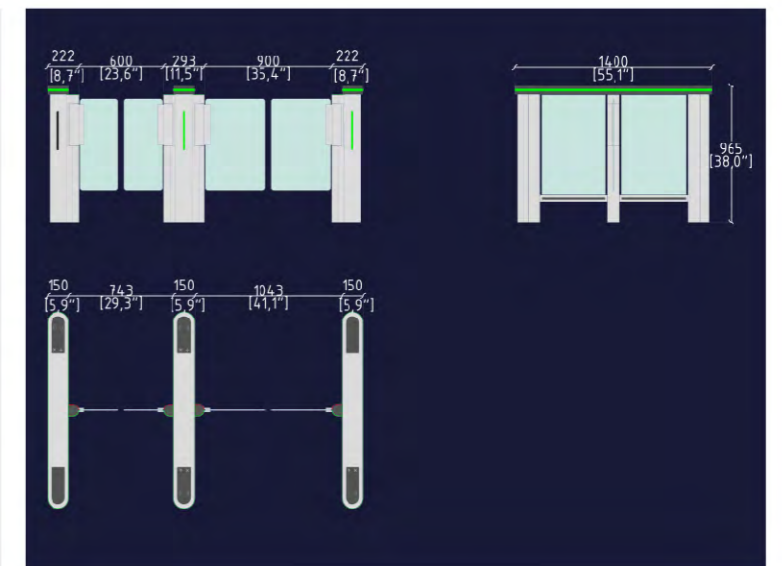
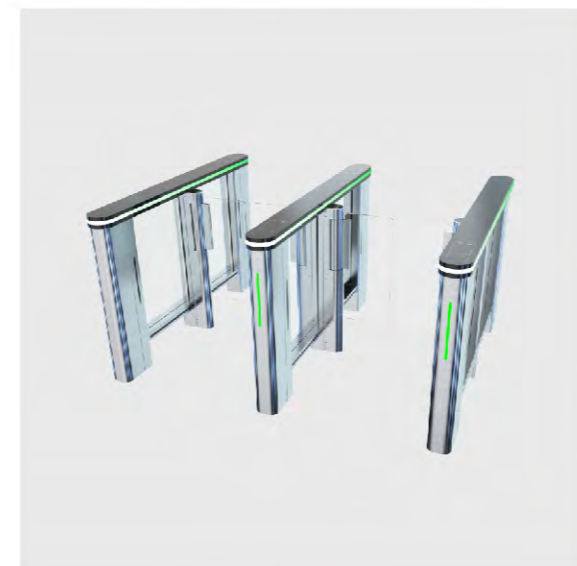
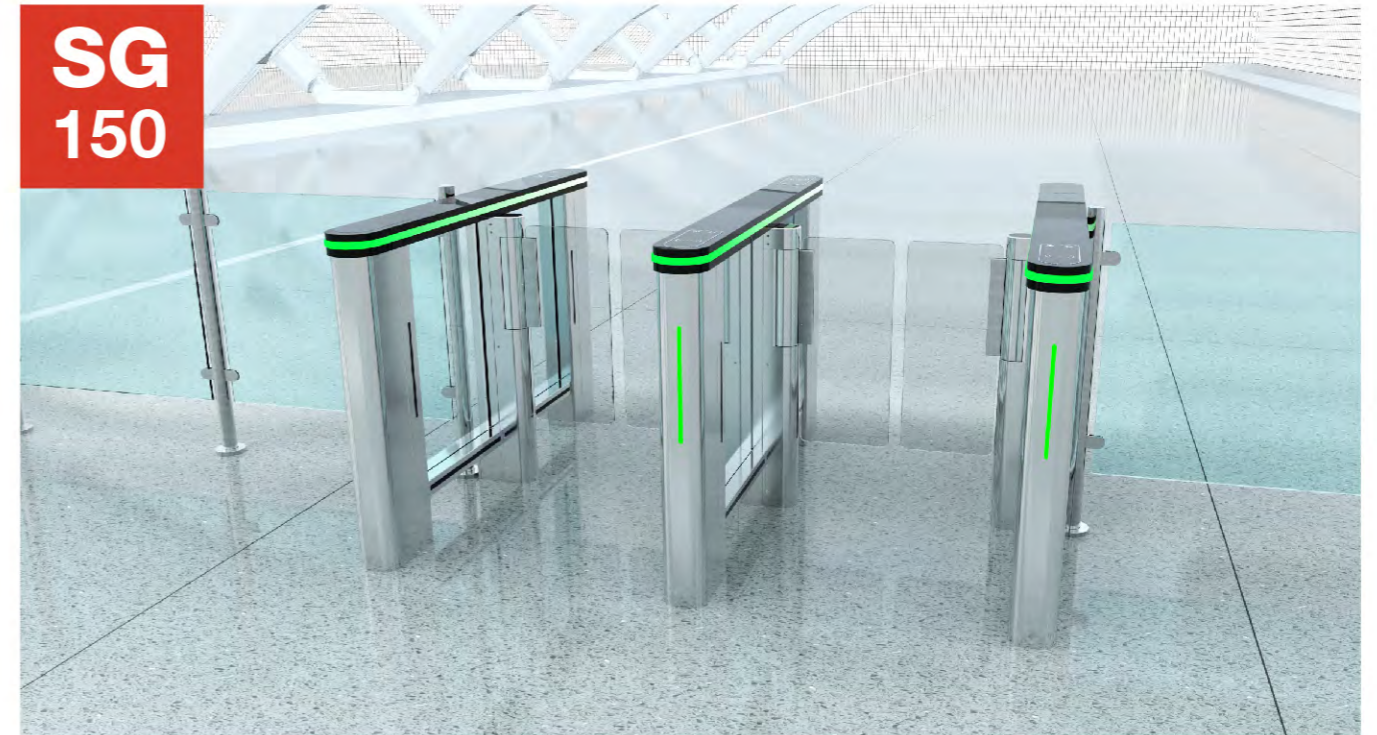
Face recognition



Custom colors



**SG
150**



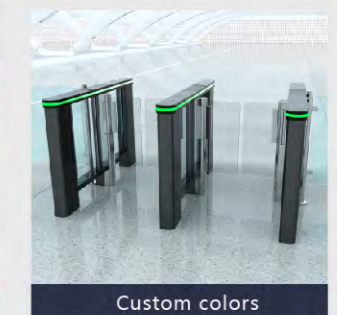
QR Code



Tempered glass

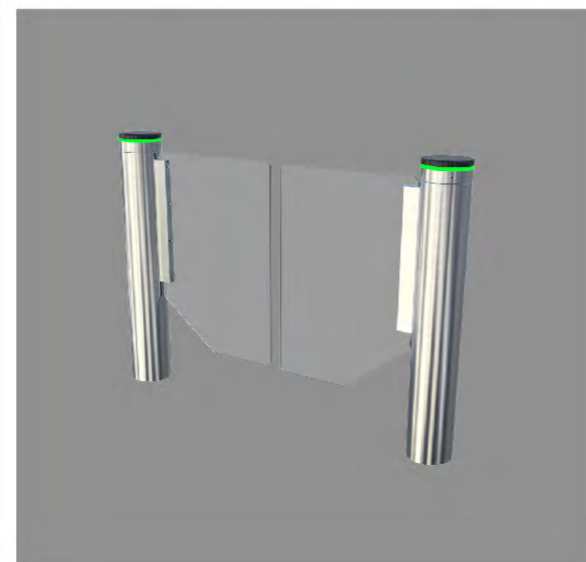
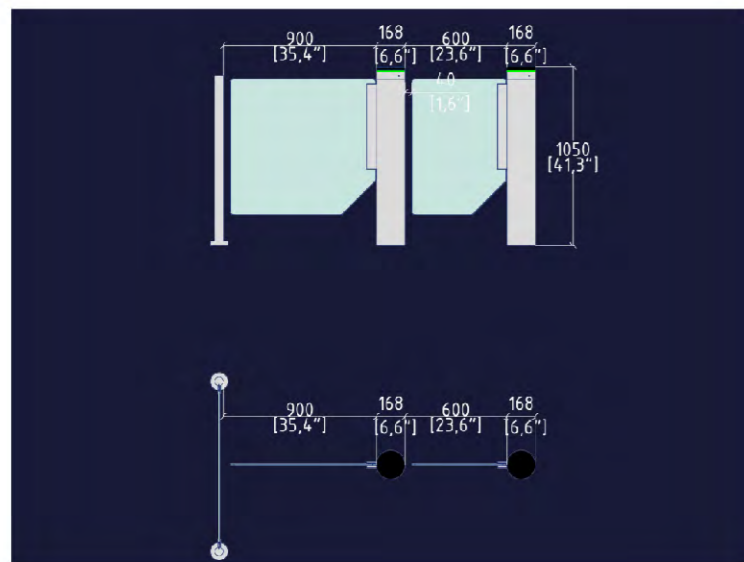


Face recognition

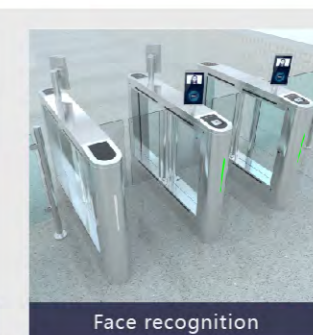
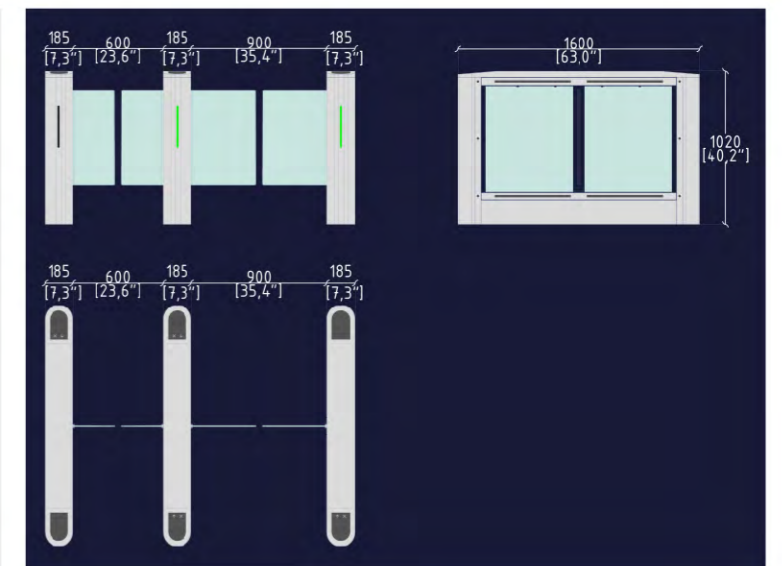
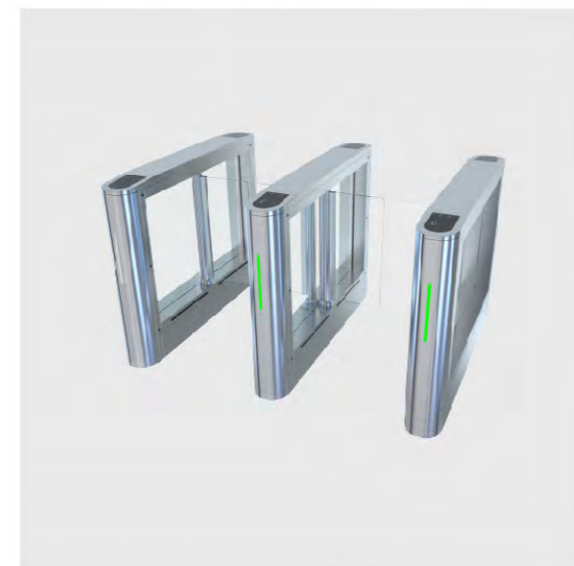
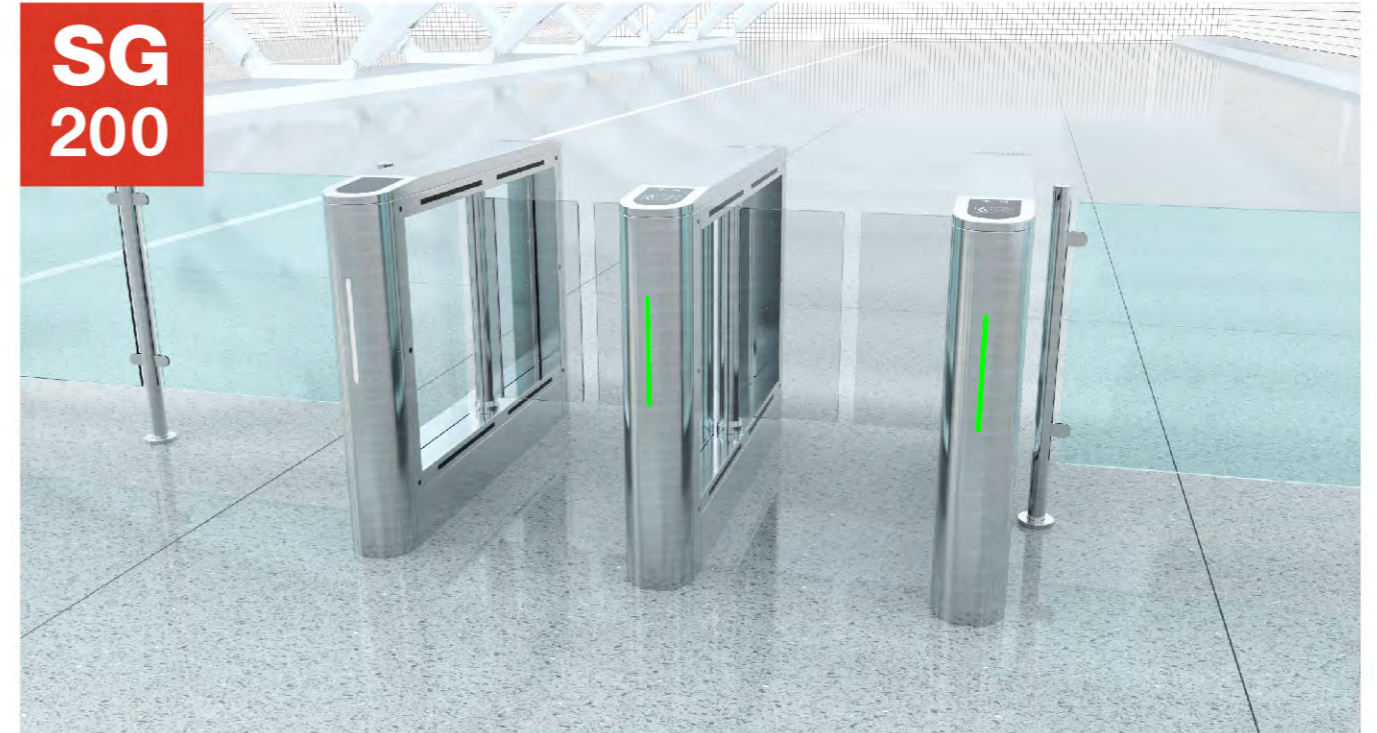


Custom colors

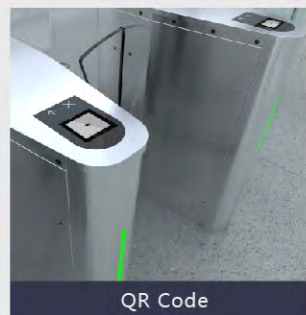
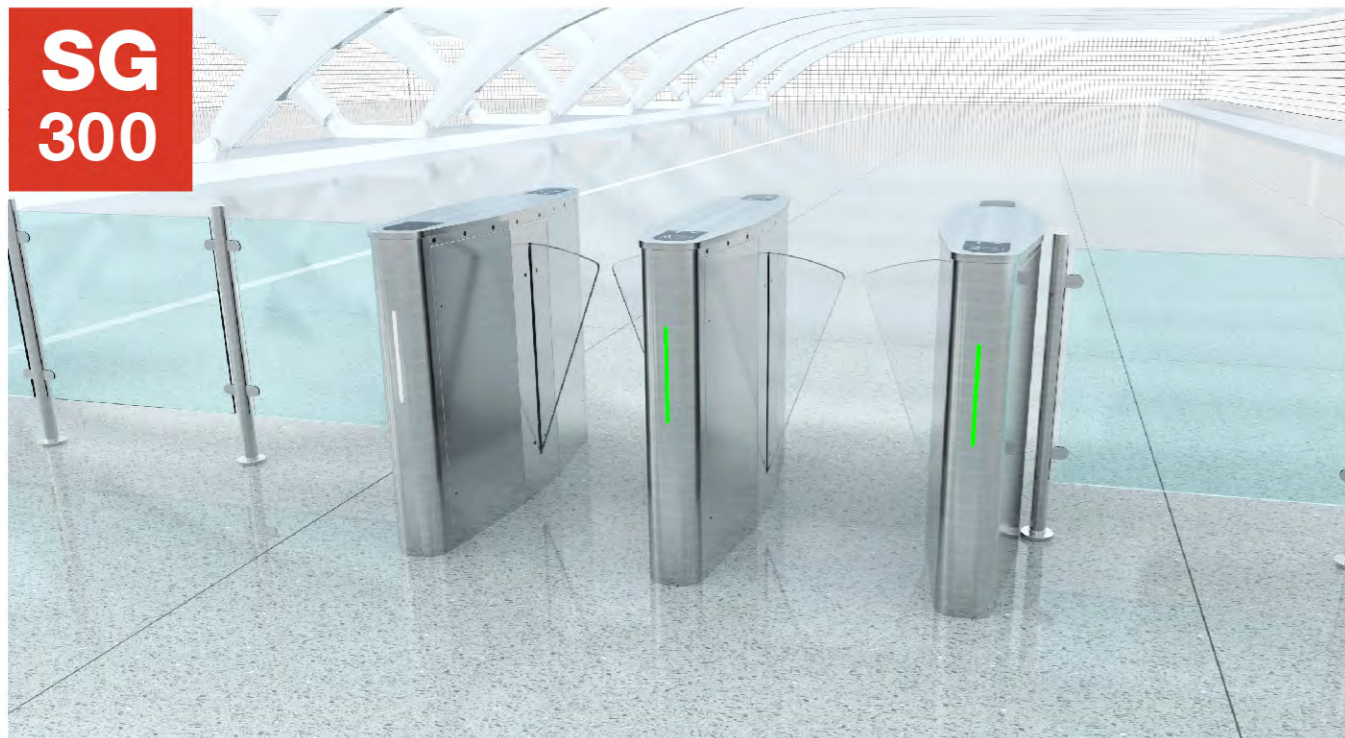
**SG
168**



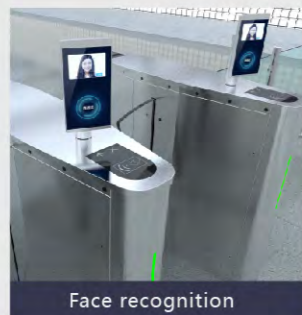
**SG
200**



SG
300



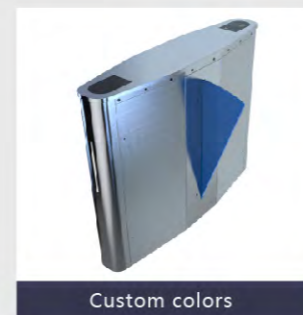
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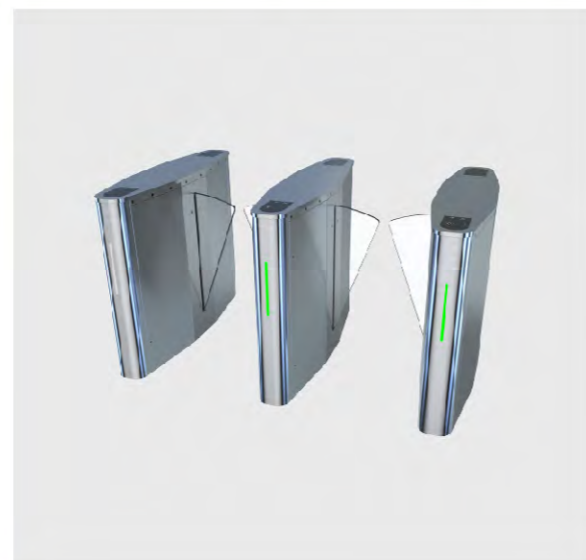
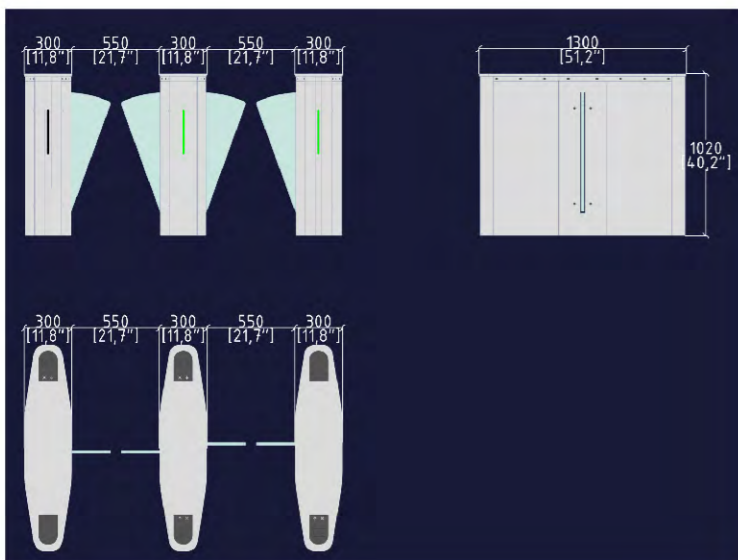
Face recognition



Custom colors



Custom colors



ACCESSORIES SERIES



Glass railing

Stainless steel column



Square card recycling
(card exit)



Square card recycling



Circular card recycling
(card exit)



Circular card recycling



Walkway



Control panel



Install the locating plate