



ACS AUTO
EXPERT IN PARKING SOLUTIONS



SPEED GATE TURNSTILE

SMART SECURITY ACCESS CONTROL SOLUTION



HIGH SECURITY

Fast and reliable
pedestrian access control.



MULTIPLE ACCESS METHODS

RFID, fingerprint, face
recognition, QR code, etc.



FAST & SMOOTH OPERATION

High-speed opening
and closing.



DURABLE & STAINLESS STEEL

Premium 304 stainless steel,
long service life.



WIDE APPLICATION

Ideal for office, school,
hospital, gym and more.



HIGH SECURITY



FAST ACCESS



ANTI-PINCH



LOW NOISE



LONG LIFE



EASY INSTALLATION



CE



SGS



ISO 9001



FCC



UL



RoHS



REACH

ACS-109 quick-pass gate swing door is suitable for adult traffic, high safety requirements of personnel access control places.

This series of swing doors can meet the requirements of 600mm pedestrian passage and 1000mm wide disabled passage and ultra-high glass door wings and other two-way traffic control.

The simple and transparent appearance design of the quick-pass gate swing door conforms to the design style of modern buildings, and is designed to improve customer experience.

It can be widely used in high-end office buildings, financial institutions, data centers, nuclear power plants, organs, research institutions and other places with high safety requirements.

Product Features:

Control mode: servo closed-loop algorithm control system and stable mechanical and motor design to ensure the high frequency operation of the equipment, precision and efficient infrared detection technology to ensure the traffic control of the personal and security of the double-layer safety, to prevent trailing and prevent any unauthorized traffic behavior,

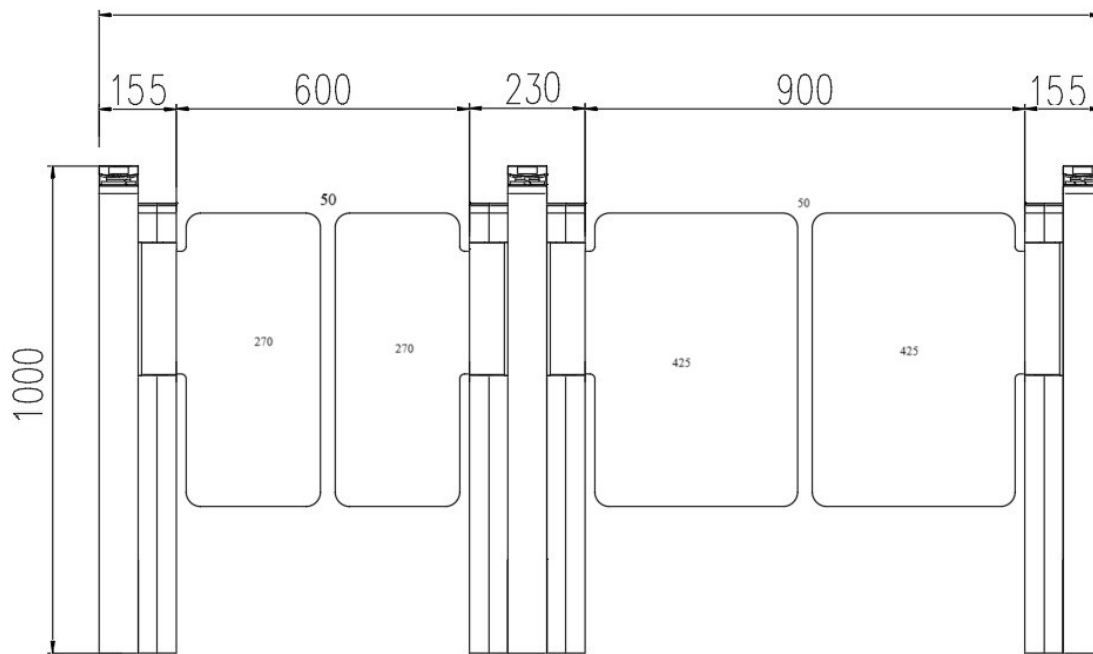
Movement structure design features:

Self-developed non-destructive modular movement structure, full CNC processing technology, to ensure the precision, strength, concentricity of the movement, transmission ratio is accurate, efficient, stable, can precisely control the swing door rotation Angle and reduce the loss, to ensure the reliability of the movement, enhance the service life of the movement.

Function features of movement controller:

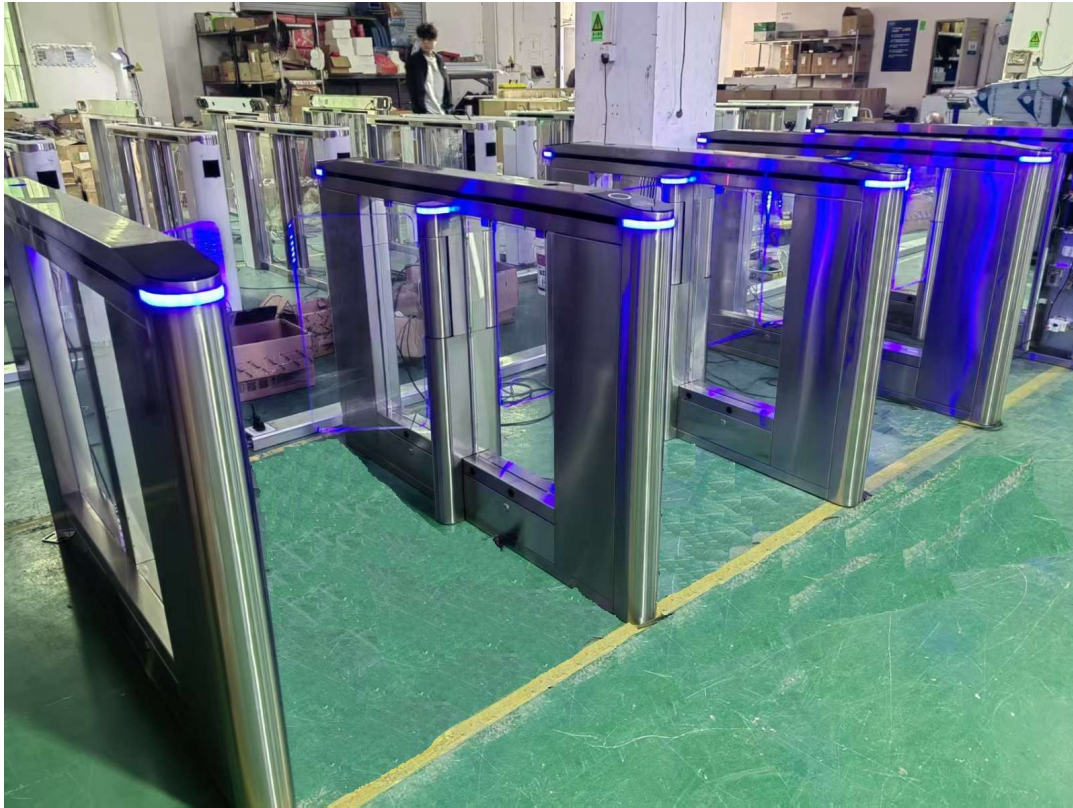
1. The system includes high calculation infrared detection system, which can simulate human movement trajectory to protect the safety of passage. And set a special protection sensor between the door wings, efficient and precise infrared detection system at the same time to ensure the safety of security management, and can output anti-tailgating/reverse/illegal entry/failure and other types of sound and light alarm letters.
2. The self-developed "infrared anti-clip + mechanical anti-clip + current detection anti-collision" triple anti-clip technology is adopted to fully protect the safety of pedestrians;
3. The drive device is advanced non-destructive motor technology, no need to use gear box or clutch, so the motor will not wear. There is no need to carry out all kinds of lubrication treatment, that is, reduce noise and improve service life;
4. Intelligent voice broadcasting, making the movement debugging simple, easy to maintain;
5. Humanized voice broadcasting, greatly improve the traffic efficiency;
6. With interactive function Settings, convenient for users to use in different environments, such as: in the card, out of the infrared induction switch, do not add any changes;
7. Opening and closing speed can be set to facilitate the use of different people places;
8. With accurate counting function;
9. Modbus RTU communication with 4 relays output (K1, K2, Fire ALM...);
10. Traffic mode optional, normally open mode or normally closed mode;

The system has power-on self-test, automatic reset, independent research and development of mechanical structure, power off the system will automatically unlock the door pendulum, can be manually pushed into the open state, convenient evacuation crowd;



Technical parameters:

Control mode	The controller adopts one control one mode
Positioning mode	Yes
Traffic frequency/ opening time	0.2seconds. 40-60 people/minute, depends on the people moving speed
Aisle width/ passage width	600-900 mm. Free to order
Housing material	304 stainless steel with hairline finish thickness 2.0 mm
IP	44
Door wing material	Tempered glass or acrylic material
Infrared logarithm/ sensors	8 pairs
Operating voltage	220V +10%, 50Hz +/- 4%
Drive motor	24VDC, 5A
Power Consumption	100W
MCBF	More than 10,000,000 (ten million) cycles (Failure free)
Greeting and guidance audio	Yes
Fire alarm connection	Yes. Auto opening for exit while fire alarm signals are triggered
I/O	For opening and closing
Operating temperature	-15 to 70 degree centigrade
Operating humidity	From 5 to 95 degree centigrade without condensation
Working environment	Both indoor and outdoor
Temperature increasing of motor	ΔT 15
Noise	Less than 50db
Light protection	3 levels
Dimension	L1500 x H1000 x W 100/155 mm for Single core, L1500 x H1000 x W 100/230 mm for Double/ Central core
Net weight	45 KG for Single core, 55 KG for Double core
Warranty	36 months
Other functions:	Anti pinch, Anti follow, Auto reboot when collision force (Watch dog), mifare reader and face terminal integration ready



APPLICATIONS:



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