

BRUSHLESS DC MOTOR



The quick-pass gate has beautiful design, advanced texture, avant-garde shape and exquisite craft. It is suitable for forming a safe passage in an important area of any building to ensure the control of the identity of the passer in the building. The swing gate quick-pass door is an independent and original brushless DC motor and precise self-made mechanical positioning integrated quick-pass door movement design and stainless steel box. With multi-point composite infrared precise induction detection of the double-swing door channel, with rapid opening and closing, comprehensive security features, for indoor security access management to provide a perfect hardware solution.

Product Features

Control mode:

The main control board adopts one control and one way, the operation is accurate, the torque is controllable, no harm to the passer, the swing door switch is accurate, the running speed is fast and stable, the anti-pinch protection is high sensitivity and the intensity is small.

Movement structure design features:

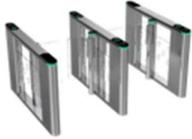
The use of brushless motor + mechanical limit, so that the outdoor swing brake has the advantages of high stability, high safety, long life, accurate detection, fast operation, smooth and quiet;

Movement controller function features:

1. Anti-pinch protection adopts current + position double detection, high anti-pinch sensitivity, small strength;
2. Multi-point composite infrared logic control, with anti-tailgating, anti-collision, anti-overturning, anti-anti-submarine, anti-clip function;
3. Intelligent voice broadcasting, making the movement debugging simple, convenient maintenance;
4. Humanized voice broadcasting, greatly improve the traffic efficiency;
5. 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;
6. Opening and closing speed can be set to facilitate the use of different people places;
7. With accurate counting function;
8. With RS232 or RS485 communication interface;
9. Traffic mode optional, normally open mode or normally closed mode;
10. With fire escape input interface;

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ACS102



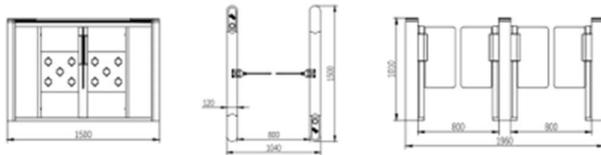
Applications

- > Office and administrative buildings
- > Ministries and government buildings
- > Banks and financial institutions
- > Airports
- > Metro stations
- > Coach terminals
- > Tourist destinations
- > Industrial buildings
- > Schools and universities

Features

- > Anti-trapping
- > Intrusion alarm
- > Tailgating alarm
- > Anti-destruction
- > Leave aisle timeout
- > Wrong way direction detection
- > Normally open mode
- > Normally close mode
- > Fail-Safe via battery back-up opening
- > Self-designed mechanical structure for stable and long-time operation

Design drawings



Can be integrated with

- > IC/ID card reader
- > QR Code scanner
- > Fingerprint reader
- > Face recognition system
- > Biometric identification

Standard

Standard model	ACS102
Turnstile type	Speed gate
Cabinet material	304 stainless steel
Door material	Acrylic
Dimension	1500 * 120 * 1010 mm (L * W * H)
Passage width	700-900 mm
Direction	Single / Bidirectional
Power supply	AC 110 – 220 V, 50 / 60 Hz
Working environment	Indoor & outdoor
LED indicator	Yes
MCBF	5 million cycles

Optional

- > Cabinet Material: 304 stainless steel
- > Door Material: Acrylic
- > Motor: Brushless motor Servo motor
- > Passage Width: 900mm
- > (for wheelchair)

