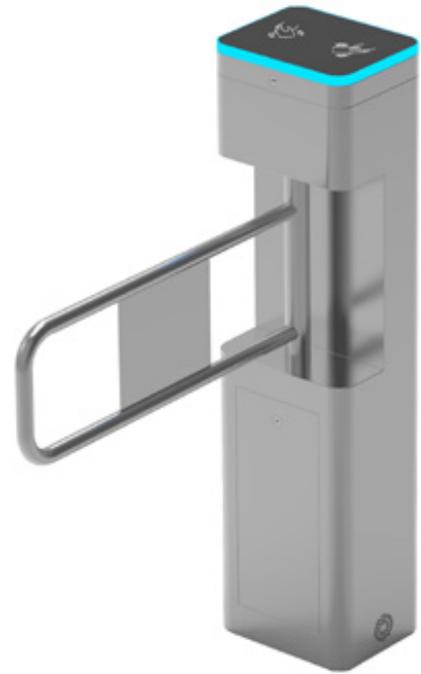


P-TYPE SWING GATE BARRIER IDT-SBG100



Auto Self Inspection
& Alarm Prompt



Negligible
Maintenance



SS304



24V DC Brushless
Motor, Low Noise



6 Million
Movement Life



Illegal Intrusion
Infrared Alarm

The IDT-SBG100 is a P-type swing gate barrier powered by a 24V brushless DC motor. It supports multiple opening methods, including card swiping, face recognition, fingerprint biometric verification, infrared induction for automatic opening, and push-button operation. Equipped with precise identification technology and advanced safety features such as infrared alarms for wrong or forced entry, the system ensures quick, efficient, and secure access control while delivering a user-friendly and highly convenient experience.

- Double gear transmission, with large torque, more stable operation, and more accurate return, can prolong the operation life of the whole movement by ≥ 9 million times.
- Current anti-pinch and rebound in case of resistance
- In case of resistance during the reset of the telescopic boom, it will automatically stop or the motor will stop working within the default time. It will be again after the default delay, and the force is very small ($\leq 2\text{kg}$).
- Low power industrial electronic components with high stability.
- The mechanical part adopts the CNC process, and the connector adopts a high-temperature quenching process, which will not deform after long-term operation.
- It has the function of fault self-test and alarm prompt, with its inbuilt voice prompt function, which is convenient for users to maintain and use.
- Infrared alarm for Wrong Entry
- Integrated with Card & Face, Fingerprint biometric device.
- It has an automatic reset function. After opening the gate, if there is no passage within the specified time, the system will automatically cancel the user's permission to pass this time. The standard is automatic reset 3 seconds after opening.
- Equipped with audible and visual alarm functions for situations such as wrong entry, tailgating, and gate closure.
- Domestic high-quality brand infrared, high light resistance: the ultimate light resistance intensity is 100000 lux, and the light resistance angle is 6°C .

TECHNICAL SPECIFICATION

Dimension	250(L) x 200(W) x 980(H)
Material	304 original brushed stainless steel, acrylic
Channel Width	562.5mm (900mm Can be Customized)
Full Thickness of The Outer Box	0.8mm
Motor	24V DC brushless motor, low noise
Movement Structure	2-stage deceleration horizontal 3rd-generation movement
Main board	Brushless control system
Traffic Direction	One-way traffic/two-way traffic
Opening Signal	Dry contact signal
Life	≥6 million times
Infrared Quantity	Single-shot infrared
Power	40-70W
Applicable Temperature	-20~70 °C (add thermostat below this temperature) Card swiping and Face, Fingerprint verification opening, infrared induction automatic opening, button opening, etc.
Opening Mode	
Protection Function	Electromechanical anti-collision, infrared anti-pinch, wrong entry infrared alarm

ORDER INFORMATION

Part No.	IDT.SBG100
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APPLICATION AREA



Residential



Health



Educational Institute



Government



Defense



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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