

智能擺閘 Swing Gate

ES127CA-T7D-1600G



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Swing gate is a high-end contactless channel detection and control intelligent channel management equipment, using the latest mechatronic control and drive technology. Multi sensor to achieve the control through the entrance door wing, authorized personnel to go through without the need for each individual to accept the inspection, refused to unauthorized access, provide high quality import and export control.

Essential information

- ◆ Model: ES127CA-T7D-1600G
- ◆ Size: 1600*127*1100(mm)
- ◆ Box Material: 1.5mm SUS#304
- ◆ Obstacle Material: 10mm Plexiglass
- ◆ Place of use: In door
- ◆ Pass width: 600mm/900mm

Scope of application

width						
≦ 600mm						
≦ 900mm						
	Suitable for use					
	Can be used but the logic is weak					
	Inappropriate					

Electrical and environmental

- ◆ Voltage: 100 to 240 V alternating current (large range power input voltage)
- ◆ Frequency: single phase 50Hz to 60Hz
- ◆ Working voltage: DC24V
- ◆ Current: static 300mA; dynamic 3A (maximum operating current)
- ◆ Operating temperature: -20 to 60 degrees C (-4 to 140 degrees F)
- ◆ Storage temperature: -40 to 60 degrees C (40 to 140 degrees F)
- ◆ Relative humidity: 5% to 95% under non coagulation

Mechanism performance

- ◆ Door positioning: servo mobile positioning encoder
- ◆ Safe mode: power off, free to push
- ◆ Power drive: DC brushless servo motor
- ◆ Door opening: 90 degrees to the middle
- ◆ Movement angle: about 180 degrees;
- ◆ Single door size; 300~600mm (customizable);
- ◆ Equipment noise: ≦ 52db; switch gate ≦ 60db
- ◆ Through speed: normally closed mode is greater than 25 persons per minute;
- ◆ Mean Cycles Between Failure(MCBF) : 1 million times

Functional characteristics

- ◆ 8 groups of sensors real-time monitoring of channel status, accurate logic to determine, unimpeded authorized access;
- ◆ Support: people, people carrying luggage, wheelchairs and so on;
- ◆ CNC machining, surface fine processing, strong corrosion resistance;
- ◆ Convenient and easy to use, such as carrying items, such as parcels, baggage, etc;
- ◆ Access mode: one-way, two-way (optional)
- ◆ Running speed: 0.4S-1.2S (user can set)
- ◆ Operating mode: normally open / normally closed to choose from;
- ◆ Control mode: 9 kinds of two-way control mode to choose from;
- ◆ Light Tip: Status indication / direction indication;
- ◆ It has the function of lightning protection and leakage protection;
- ◆ Protection function: it has the functions of anti pinch, anti-collision, anti stall, anti electric, over voltage and over current;
- ◆ Standard external electrical interface, with photoelectric safety isolation, with a variety of control equipment linked to facilitate system integration;
- ◆ Remote control and setting functions;
- ◆ Pass memory: support 0 ~ 99 continuous open signal input;
- ◆ Man-machine interface with user-friendly interface: convenient for user debugging;

Customizable options

- ◆ Material: Optional SUS # 316 or other
- ◆ Appearance: spray color or electroplate (user provide swatches)
- ◆ Machine length: can be customized according to requirements
- ◆ Surface: wiredrawing / polish / sand blasting (standard for wiredrawing)
- ◆ Obstacle: Customized printed pattern / custom lighting display
- ◆ Card area: custom printed designs
- ◆ Other: customizable other biometric modules in the gates
- ◆ Installation: customized installation platform (no ground grooving)

Standard product size:

