

SWB300 series

Automatic fast speed swing barrier



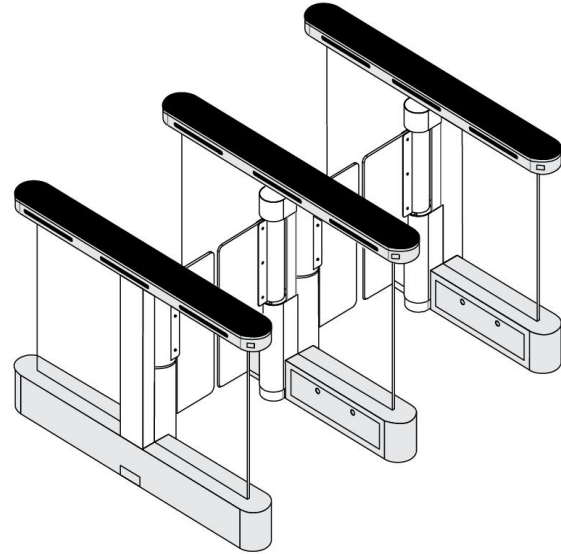
Date: 02 Dec 2017

General Description

SWB300 is designed to be slimmest of all pedestrian gates. Slim form factor save space allow you to put more gates. Fast speed 0.4 sec motor allow higher pass through traffic.

The body is made from transparent acrylic. Slim form factor, transparent body and premium stainless steel hair line finish effectively help create a welcoming and elegant prestigious atmosphere at building entrance to impress your visitors. Curved edge avoids children accident injury.

Access reader can be installed underneath top black acrylic. SWB300 offer wide and full clearance opening to allow pedestrian with luggage to pass through with comfort.



Features

1) Minimum maintenance

Uses brushless DC motor eliminate the need of changing carbon brush thus reducing maintenance work.

2) Alarm notification

High performance IR sensor is used to detect potential attempt of tail-gating, illegal passing and pass through direction. Alarm red light and sound will notify possible unauthorized usage as following scenario:

- a) Detect second person tailgating behind the first person at minimum 10 cm distance coming from same direction.
- b) Detect second person coming from opposite direction.
- c) Detect first person did not flash card and attempt to go in

During normal operation, the acrylic on the gate body is purple color. During alarm, this acrylic will become red color. Alarm red light will not stop until the unauthorized person walk out from the detection range inside the lane passage. Security guard that acknowledged this alarm shall take further action on the unauthorized user.

3) Double safety

Door will automatically reverse once safety IR detected obstacle or when a small force is detected blocking its motion. This prevents injury caused by door hitting people.

Built in *Automatic Safety Clutch (ASC)* technology that sense brute force and momentary disengage drive system when someone kick the door by force as vandalism attempt. This protects the motor and gearbox from being damage by the brute force. Doors will automatically realign themselves upon flashing a valid card.

4) Multiple access memory

If there are 3 person flashed card, gate will count 3 people to pass through before close the door.

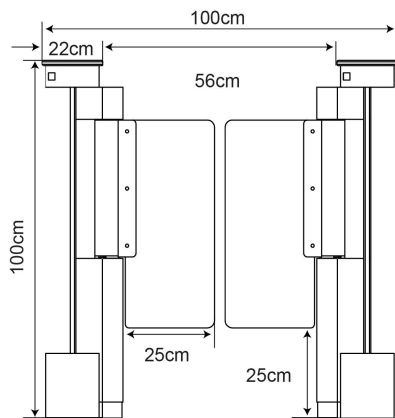
5) Emergency evacuation

During power failure, door panel will open automatically to allow free pass through. In the event of emergency such as fire alarm, swing barrier can be manually triggered more than 3 sec to open permanently to allow fast evacuation.

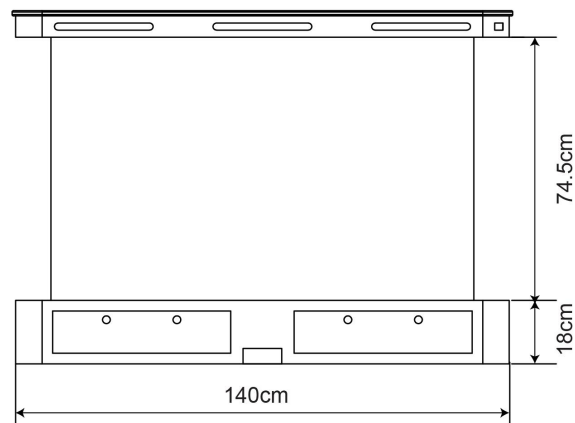
Technical specification

Description	Parameter
Cabinet dimension	140cm (L) x 100cm (W) x 100cm (H)
Body material	Acrylic glass, SS304 stainless steel 1.5mm
Door width	25 cm standard lane, 60 cm handicapped lane
Door opening / closing speed	Programmable 0.4 to 1.5 sec
Optimal flow rate	20 to 25 people per minute
Power supply	AC220/110V±10%, 50/60Hz
Motor	DC Brushless Motor, 140W/24V
Input Connection	Dry contact pulse > 500ms
Working environment	Indoor only
Working temperature	-15°C - 60°C
Relative humidity	≤ 90%

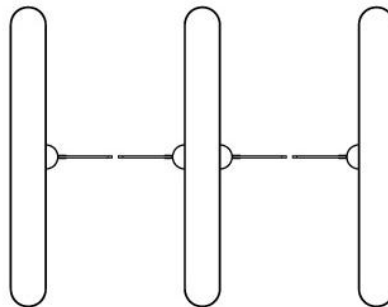
Dimension



Front View



Side View



Top View

Ordering info

SWB301 - Single door
SWB302 - Dual door

Authorized dealer:

Disclaimers

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