

# SWB310 series

## Automatic fast speed swing barrier

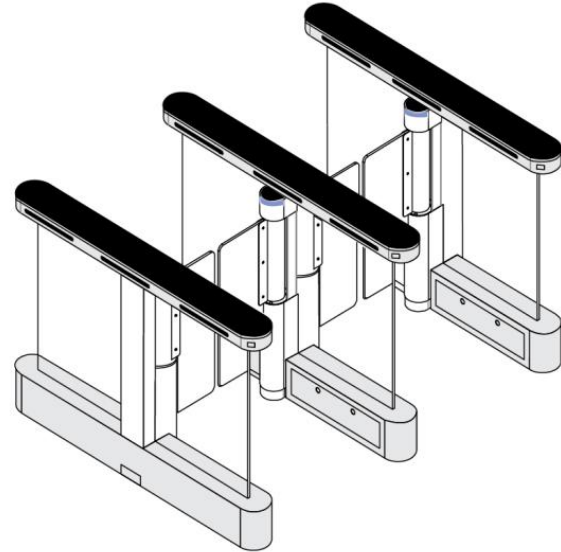
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Date: 23 July 2022

### General Description

SWB310 is designed to be slimmest of all pedestrian gate. Slim form factor save space and allow you to put more gates to digest higher traffic. Stylish design to elevate premium atmosphere of any building lobby. High speed motor is used to achieve faster pass through rate.

SWB310 offer wide and full clearance opening to allow pedestrian with luggage to pass through with comfort.



### Features

#### 1) Minimum maintenance

Use latest brushless DC motor with precision technology and improved gear that eliminate the need of changing carbon brush this 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

Standby - blue

Alarm - red

Opening (Valid access) - green

#### 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.

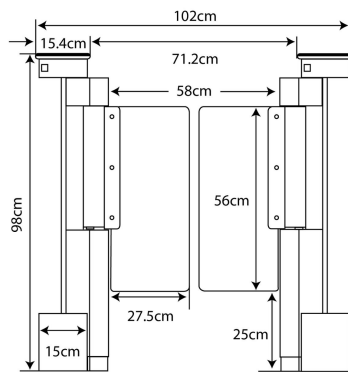
#### 5) Emergency evacuation

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.

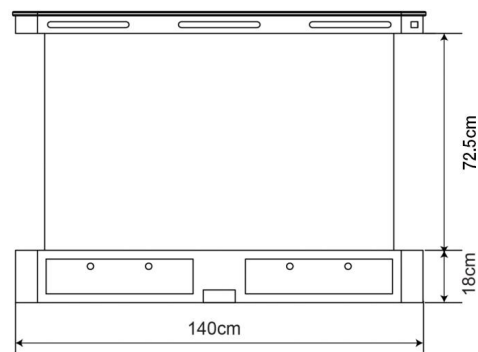
## Technical specification

| Description                   | Parameter                                  |
|-------------------------------|--|
| Body material                 | Acrylic glass, SS304 stainless steel 1.5mm |
| Door dimension (single panel) | 275mm(W) x 560mm(H)                        |
| 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%                                      |
| Passage width                 | 580mm                                      |
| Gate door material            | 12mm acrylic                               |
| Cabinet dimension             | 1400(L) x 1020(W) x 980(H) mm              |
| Power rating                  | 10w (standby) / 40w (operation)            |
| IP rating                     | IP 52                                      |

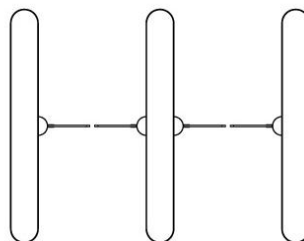
## Dimension



Front View



Side View



Top View

## Ordering info

SWB311 - Single door  
SWB312 - Dual door

Authorized dealer:

## Disclaimers

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