

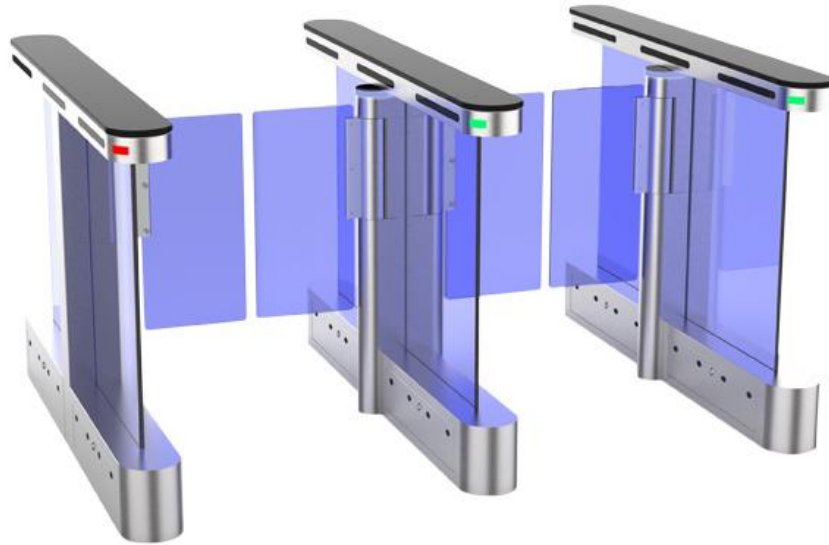


Ensuring Your  
Peace of Mind.

**SPECIFICATION**  
15 SEPTEMBER 2023, V1.2

## SWB310 Automatic Fast Speed Swing Barrier

WWW.MAG.COM.MY



### Description

MAG SWB310 is designed to be the slimmest of all pedestrian gates. Its slim form factor saves space and allows you to put more gates to digest higher traffic. Its stylish design elevates the premium atmosphere of any building lobby. A high-speed motor is used to achieve a faster pass-through rate. SWB310 offers a wide and full clearance opening to allow pedestrians with luggage to pass through with comfort.

### Application

MAG SWB310 is suitable for indoor application only. It is NOT suitable to be installed outdoors. They are optimized for higher traffic solutions with a stylish design to elevate the premium atmosphere of any building lobby.

### Features

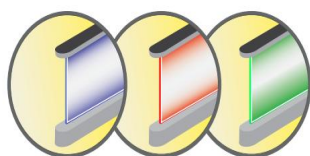
- ✓ **Minimum Maintenance**, Use the latest brushless DC motor with precision technology and improved gear that eliminates the need for changing carbon brushes, thus reducing maintenance work.
- ✓ **Double safety**, The door will automatically reverse once a safety IR sensor detects an obstacle or when a small force is detected blocking its motion. This prevents injury caused by the door hitting people.
- ✓ **Multiple access memory**. If there are 3 people with flashed cards, the gate will count 3 people to pass through before closing the door.
- ✓ **Emergency evacuation**, During a power failure, the door panel will open automatically to allow free pass-through. In the event of an emergency such as a fire alarm, the swing barrier can be manually triggered to open permanently to allow fast evacuation.
- ✓ **Elegant Design**, Its slim form factor, premium stainless steel and glass panel material with an elegant arc design effectively help create a welcoming and elegant, prestigious atmosphere at the building entrance to impress your visitors.
- ✓ **Alarm notification**, A high-performance IR sensor is used to detect potential attempts of tail-gating, illegal passing, and pass-through direction.
  - a) Detect a second person tailgating behind the first person at a minimum 10 cm distance coming from the same direction.
  - b) Detect a second person coming from the opposite direction.
  - c) Detect if the first person did not flash a card and attempt to go in.

## Technical Parameters

Description	Parameters
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
Power Consumption	10w (Standby) / 40w (Operational)
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	620mm
Gate Door Material	12mm acrylic
Cabinet Dimension	1400(L) x 1028(W) x 980(H) mm
IP Rating	IP 52

## LED Information

### Special effect

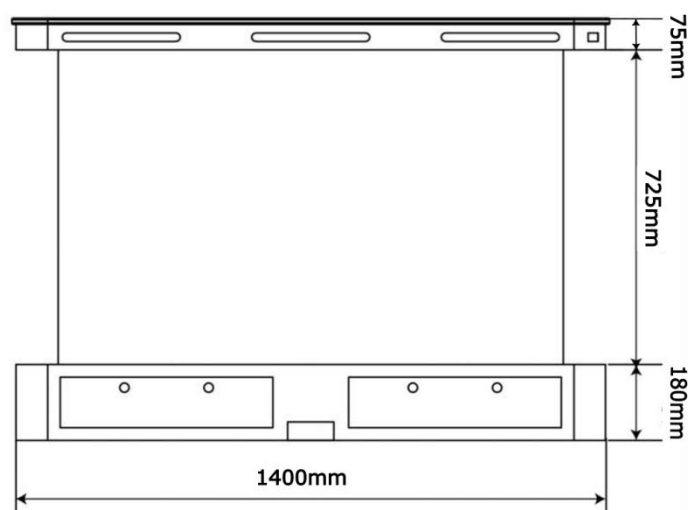
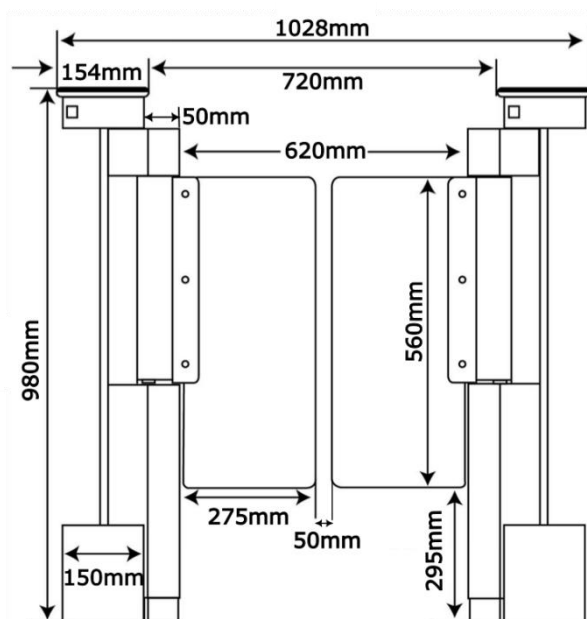


**Blue** light to indicate standby.

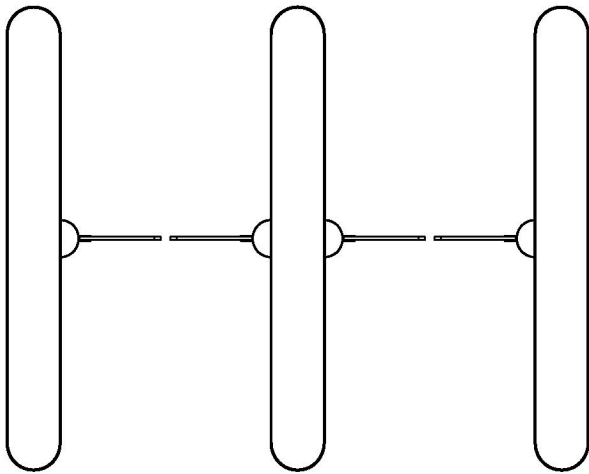
**Red** light to indicate alarm (invalid entry).

**Green** light to indicate valid entry.

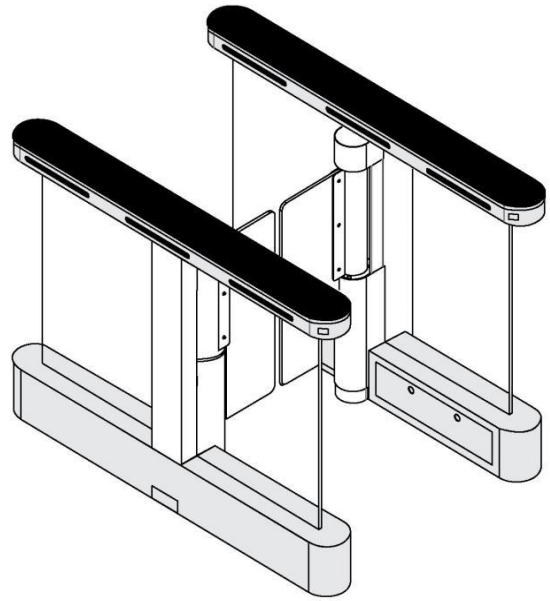
## Dimension



Side View

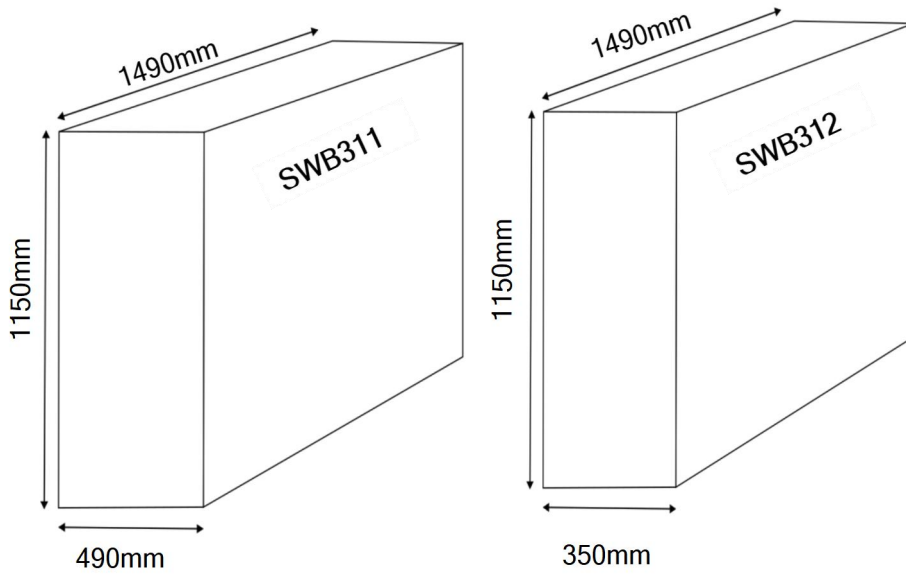


Top View



Actual View

## Packaging information



Model	Dimension Box
SWB311 (Single Side) (2 Nos in 1 Box)	490 (W) x 1490 (L) x 1150 (H) mm
SWB312 (Dual Side)	350 (W) x 1490 (L) x 1150 (H) mm

\*Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.



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