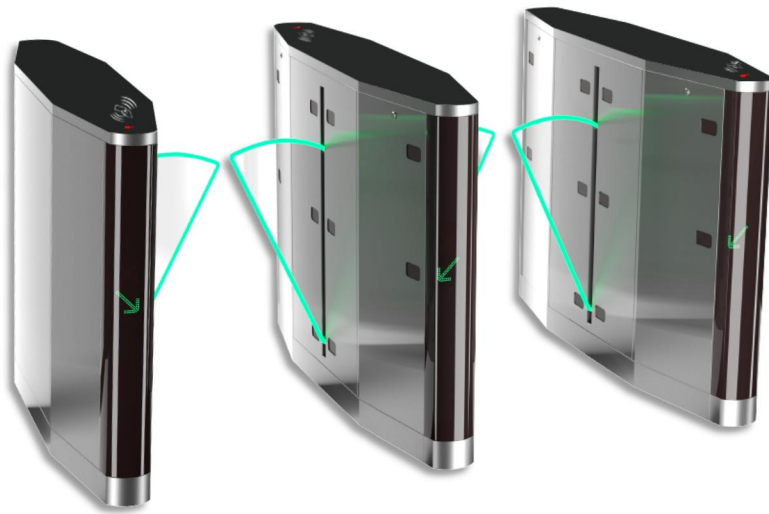


## SPECIFICATION



# FLB140 MAG FLAP BARRIER



## FLB140 MAG FLAP BARRIER

### Description

MAG FLB140 motorized fully automatic flap barrier is a pedestrian gate series optimized for best balance of quality, performance and affordability. The combination of acrylic, premium brushed finish stainless steel and LED flap produce a contemporary design capable of elevating any interior space.

FLB140 uses a combination of robust mechanism and proven electronic control system to restrict unauthorized user while authorized user are given seamless access.

FLB140 can be easily integrated with any third-party access control device like card reader, QR scanner and face recognition device to provide a seamless and classy access control for your entrance.

### Features

✓ **Full lane clearance**

Flap wing will fully retract into housing to achieve maximum passage clearance. User can effortlessly pass through with small and medium size luggages.

✓ **Minimum maintenance**

Flap barrier offers the most efficient opening and closing with minimal motor rotation. Limited trajectory also minimizes possibility of damage by vandalism.

✓ **Safety**

Reliable infrared safety sensor will detect obstacle to reverse the closing flap wing or inhibit flap wing from closing at all. Green light lining on flap wing increases visibility for maximum safety.

✓ **Anti-tailgating**

As a secondary option, flap barrier can be configure to pause the closing motion instead of auto-reverse when obstacle is detected near the wing. Flap will resume closing once obstacle is removed.

✓ **Time-out protection**

Flap wing will automatically close if the safety sensor is unobstructed after the delay time elapsed. This will minimize chances of unauthorized user sneaking into the building.

✓ **Bi-directional**

Flap barrier can cater to both single or bi-directional pedestrian access.

## ✓ Emergency recovery

During power failure, flap will automatically retract for safe passage. When power resumed, flap wing will automatically closes to assume normal security. External dry contact from fire alarm can be integrated to trigger all lanes to open for fastest evacuation, and ensure flap wing to stay open until the alarm signal is disabled.

## ✓ LED indicator

Each unit is equipped with 2 LED indicator (front and back) to indicate lane availability. Green arrow indicate the lane is available for access; Red Cross indicate lane is close for maintenance or lane is one way passage only.

## ✓ Easy integration

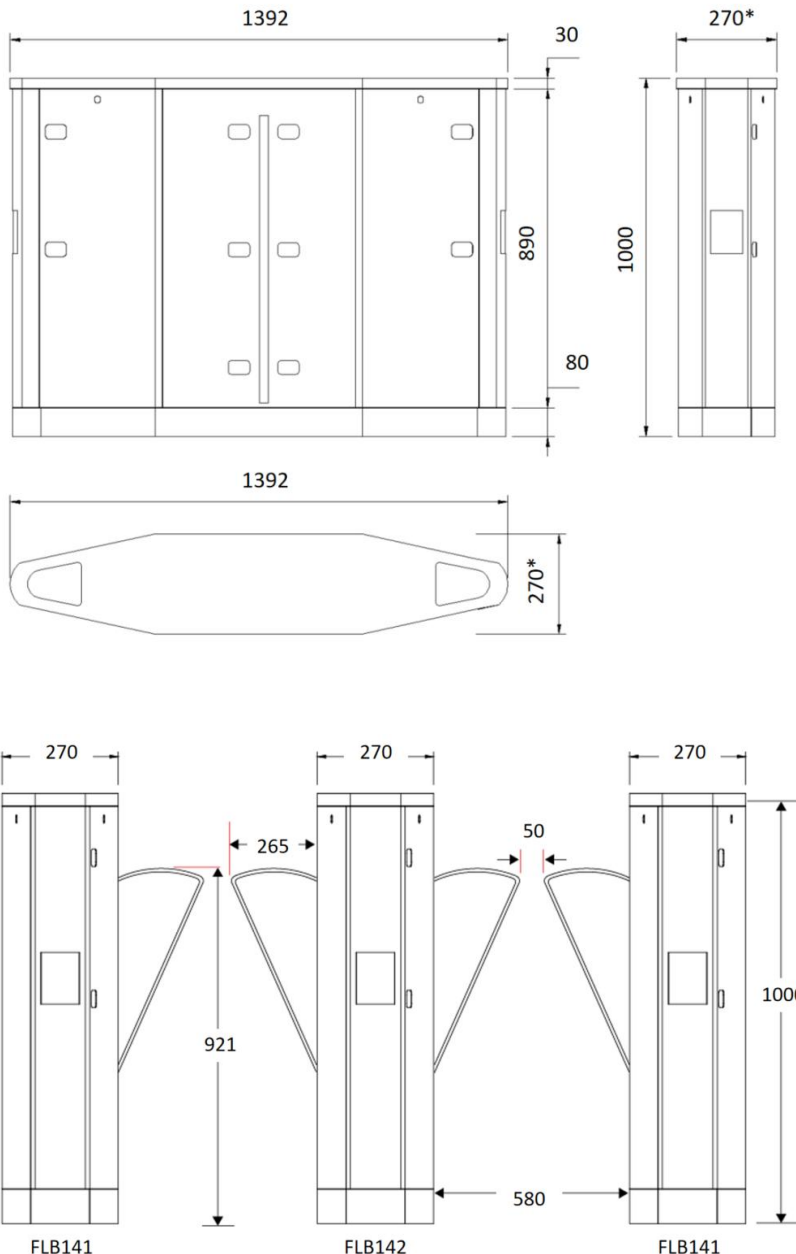
Reader holder bracket is included to install RFID reader under top cover. LCD screen, code scanner or facial recognition machine can be installed with slight customization.

## Technical Parameter

Description	Parameters
Body Material	Acrylic glass, SS304 stainless steel
Flap Wing Dimension	265mm
Door opening / closing speed	<0.8s
Optimal flow rate	Up to 30 people per minute
Power supply	AC220/110V±10%, 50/60Hz
Power Consumption	<25W (Standby), <75W (Operational)
Motor	DC Brushed Motor, 12V
Input Connection	Dry contact pulse , < 200ms pulse
Working environment	Indoor only
Working Temperature	-25°C - 50°C
Relative Humidity	≤ 90%, non-condensing
Passage Width (suggested)	580mm (with 50mm gap)
Cabinet Dimension	1392(L) x 270(W) x 1000(H) mm
MTBF	5 million cycles

**Technical Drawing**

(Dimension in mm unless specified)



\*270mm is the width for housing. The top cover width is 280mm.

**\*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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