

# FBL500 Series

Single Lane Flap Barrier Turnstile



The FBL500 single lane flap barrier turnstile is an elegant cost-effective entrance control system designed for high-traffic volume.

The FBL500 is a single lane flap barrier turnstile series designed for smooth and silent operation and draws very little power. It's made of stainless steel which makes FBL500 highly durable. FBL500 barriers are normally held in a locked position, thus denying access to the secured side. Upon FBL500's reader (RFID and/or fingerprint) positively recognizing a user's valid access card or fingerprint, its barriers retract upward automatically, thus allowing users passage to the secured side.

During emergencies the barriers automatically retract upward, thereby ensuring users FAST unencumbered exit to safety. A battery for power outage safety can be installed for retracting the barrier automatically.

FBL500 provides both security and convenient space, all in a very durable and elegant compact design.

---

## Features

### Reliability

- SUS304 stainless steel casework ensure long-lasting durability.
- High quality electrical components

### Safety Features

- Barriers retract automatically during emergencies.
- Barriers retract automatically during power outage with battery installed.
- All smooth finish. No exposed screws.
- Ergonomic design makes card and fingerprint authentication fast & simple for users.

### Built-in Reader Integration

- FBL500 series ships already integrated with our customers' preference for either card or fingerprint access control reader. This greatly reduces installation time & expense.
- FBL500 series and associated access control readers are all factory-tested prior to shipping.
- Provide true plug & play turnstiles with the lowest possible total cost of ownership in the industry.

### Simplification

- LCD on the flap barrier control board, easy operation.

# Specifications

Model	FBL500
Power Requirements	AC100 ~ 120V/200 ~ 240V, 50/60Hz
Working Temperature	-20°C~ 70°C
Working humidity	5%~ 90%(non-condensing)
Working environment	Indoor/Outdoor (if sheltered)
Max. Speed of Throughput	30 people per minute
Lane Width (mm)	600
Dimension (L*W*H)	1360 * 280 * 980 (mm)
LED Indicator	Support
Cabinet Material	SUS304 Stainless Steel
Lid Material	SUS304 Stainless Steel
Barrier Material	Acrylic
Barrier Movement	Retracting
Emergency Mode	Support
Security Level	Medium
MCBF	2 million
Opening Time	0.8s
Noise of Opening	≤30d

## Dimensions (mm)

