

Sentinel Z58B Flap Barrier

High speed, safe and secure pedestrian access



The Sentinel Z58B flap barrier introduces an innovative pedestrian access control solution designed for versatility in various venues, including both indoor and outdoor settings such as communities and office buildings.

The Sentinel Z58B series flap barrier is an easy to install power efficient and ultra safe pedestrian access control system for indoor and outdoor sites such as Gyms, Aquatic Centers, Leisure Centers or Office Buildings.

The cabinet body is made of 304 stainless steel with a fine brushed texture on the surface. The Z58B is compatible with most access control authentication methods and can be seamlessly integrated with already existing systems.

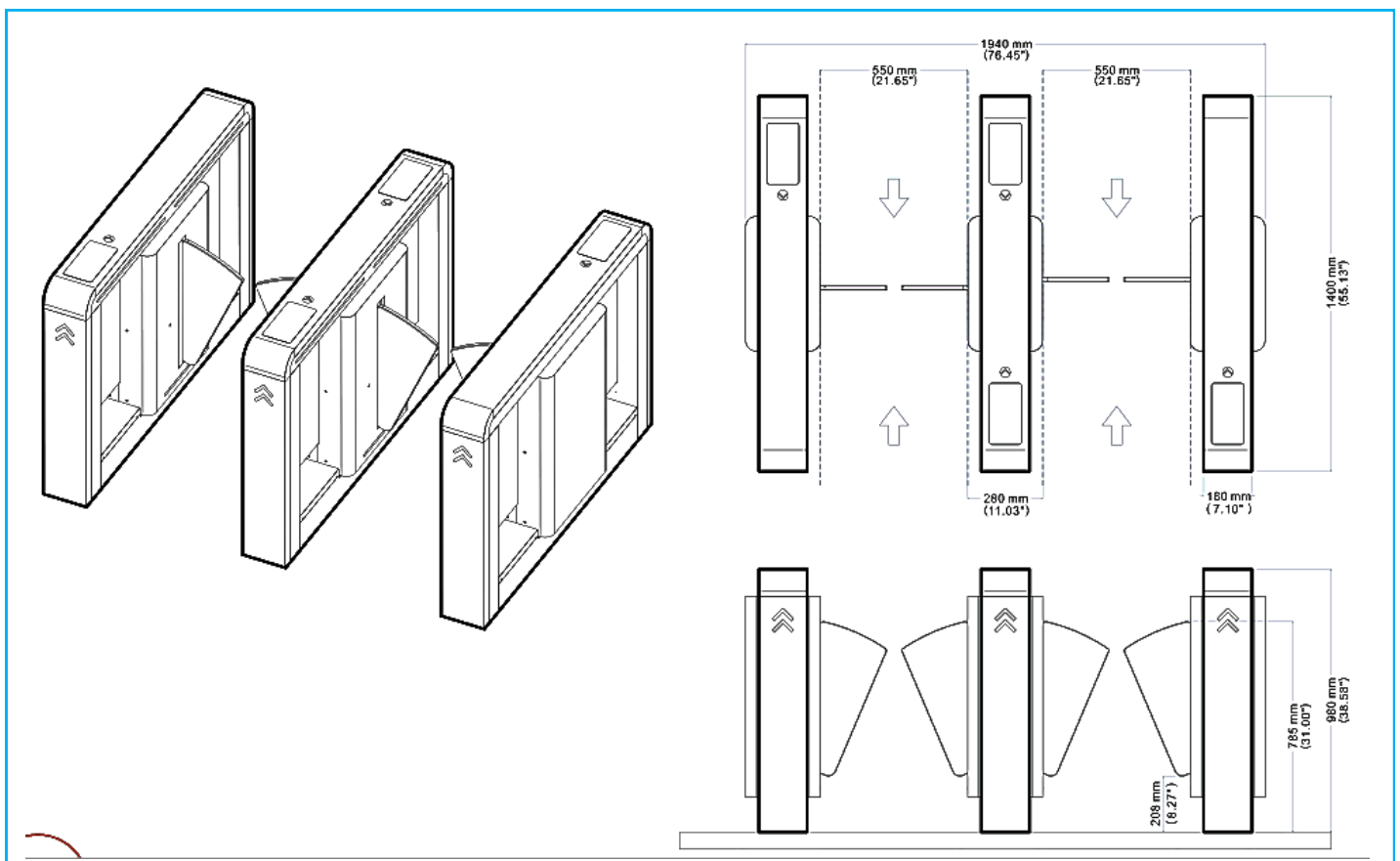
The Z58B uses photoelectric switch detection technology and is powered by a DC brushless motor with anti-friction properties and noise reduction capabilities for durable and quiet operation.

The Sentinel Z58B Flap Barrier features include:

- **Unauthorised Intrusion:** prevents access if a person tries to enter without a valid access card
- **Excellent Design:** the chassis body is made of 304 stainless steel, and the surface adopts a fine brushed texture effect. The overall style is elegant and concise, with simple line style and unique appearance.
- **Strong Motor and Mechanism:** driven by DC brushless motor, firm structure, strong torque, anti-friction and noise reduction, durable operation, adjustable switching speed from 0.5S to 1S, MCBF≥15 million times, operating noise≤65dB.
- **Suitable For Indoor and Outdoor:** uses photoelectric switch detection technology and is equipped with 6 pairs of photoelectric switches. intensive detection, sensitive induction, and safe passage.
- **Support Various Access Control Methods:** It supports multiple access control authentication methods such as face recognition, RFID cards, Bar and QR codes for print tags and smartphones and meets the needs of various access control scenarios, and can be integrated with other systems for management and expansion.
- **Smart Interaction:** the two-color-arrow status indicator and the passing indicator light allow pedestrians to clearly acknowledge the channel status. In-time sound reminders ensures safe and reliable passing.

Technical Specifications

Specification	Z58B Flap Barrier	
Body And Side Frame Material	304 Stainless Steel	
Gate Material	Acrylic	
Color	Stainless steel original color	
Dimensions (L*W*H)	1,400*280*980mm	
Lane	500~550mm	
Motor	DC brushless motor	
Power Supply	AC 220V/110V±10%, 50/60HZ	
Device Power	Total power: 100W Motor power: 40W	
Device Power	Normally closed: 30 persons/minute Normally opened: 40 persons/minute	
Open-closing Speed	0.5s-1s adjustable	
Detection Method	Photoelectric switch	Raster
Number of Electric eyes	6 Pairs	40 Pairs
Communication Interface	Serial port and multi-channel I/O interface	
Communication	RS485 and TCP/IP	
Noise	≤65dB	
Working Temperature	-25°C to +70°C	
Working Humidity	≤90%, no condensation	
Working Environment	Indoor and outdoor	Indoor



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