

Sentinel Z58 Flap Barrier

High speed, safe and secure pedestrian access



The Sentinel Z58 flap barrier is designed for use in applications with high volume pedestrian traffic that require rapid access.

The barrier is controlled by a PLC which is compatible with all types of access systems and the mechanism is enclosed in a high quality 304 stainless steel cabinet.

Safety is a priority and personnel movement is monitored by multiple safety photo cells concealed within the cabinet and the closing force on the flap is monitored electronically preventing injury to pedestrians.

The illuminated pictogram symbols clearly indicate if an access card has been accepted and also show if the lane is clear to proceed.

The flap barriers can be configured for single or multiple lane entry and other options include , different colour flaps, counters, Ethernet connection.

Audible Alarms

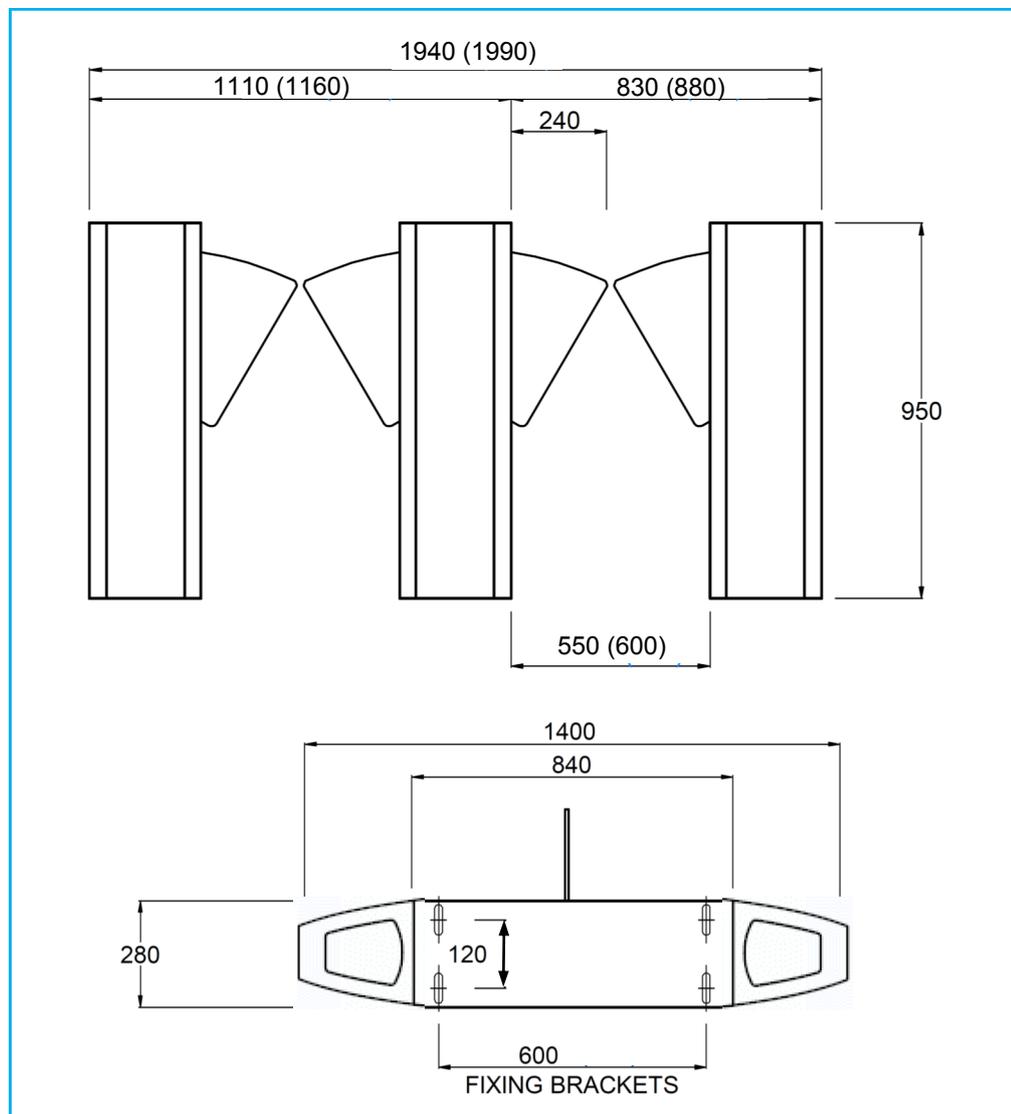
The operating system is capable of giving audible alarms to detect seven types of unauthorised access:

- **Unauthorised Intrusion:** If a the person tries to enter without a valid access card
- **Tailgate:** If a second unauthorised person follows someone who has authorisation
- **Incorrect direction:** Person enters from the opposite direction in which the barrier has been activated
- **Time out:** If an authorised person activates the barrier but does not enter
- **Overtime:** If an authorised person activates the barrier enters but does not move through
- **Emergency:** If the emergency input is activated
- **Error:** If the photo cells are permanently blocked or if there is a fault.

Technical Specifications

Specification	Sentinel Z18 Flap Barrier
Power supply	240vac
Operating modes	Bi-directional or single direction, flap open or closed
Opening time	1 second
Open signal output	Dry connect, TTL or 5V impulse
Emergency output	Barrier open/close from emergency input
Intrusion alarms	Alarms for seven types of unauthorised access
Operating temperature	-10°C - +60°C
Weight	Single lane 110kg Double lane (Intermediate) 150kg

Dimensions



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