

STAINLESS STEEL FLAP BARRIER



FGES-FB550-5



Key Features:

- **Dimensions:** 1410 x 340 x 980mm
- **Material:** 1.2mm, sus304 stainless steel, hairline 400
- **Working voltage:** 100-240V, 50-60Hz
- **Operational voltage:** 24V
- **Driver unit:** brushed motor and German belt
- **Passing width:** 550mm
- **Operating speed:** 0.2s
- **Passing speed:** 35-40 people/minute
- **Communication interface:** RS485, dry contact
- **Card reader:** RFID/barcode/magnetic cards
- **Working temperature:** -25°C to +70°C
- **Max power consumption:** 30W
- **Frequency:** 50-60Hz
- **Photocells:** 4 pairs

System Overview

FERN360's security barrier gates are space-efficient, being compact in design, yet offering sufficient space to integrate any access control system. They can be mounted with a display panel, passage counter, card reader, token-operated traffic lights, command console, and/or alarm system against unauthorised entries.

The barrier gate models may be interfaced with a PC through a RS232 (RS485, TCP-IP) line. The unique swing-arm feature provides a failsafe solution, enabling egress in cases of power failure or emergency evacuation. Durability combined with minimal maintenance, results in years, and millions, of trouble-free passages.

Our gates create a secure environment and are used in a wide range of different applications including stadiums and arenas, perimeter and interior security, recreation and amusement parks, retail crowd control, transit fare collection and lobby access control.

Operating Modes

- Single passage in the set direction
- Bi-directional single passage
- Free passage in the set direction
- Always free or locked

Materials

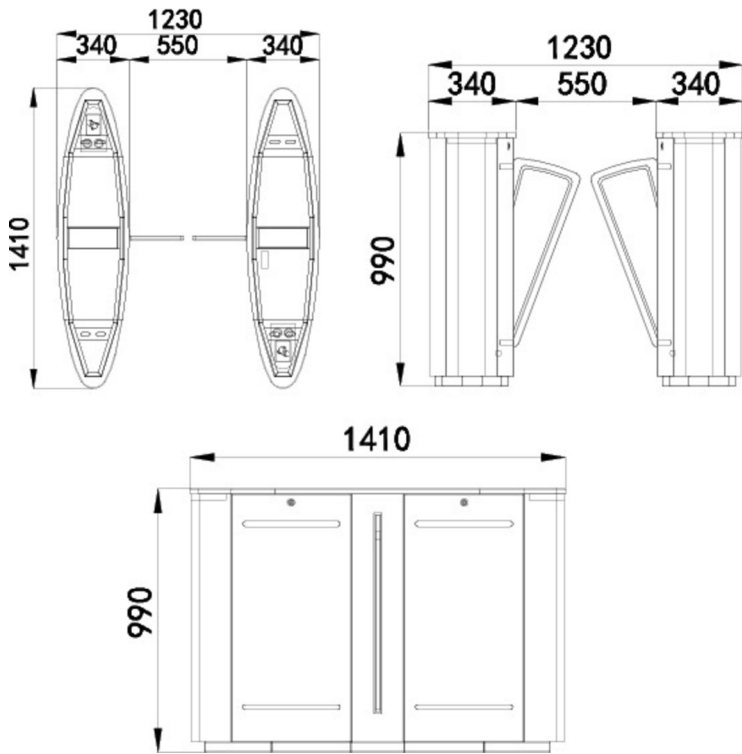
- Housing: stainless steel AISI 304 or AISI 316
- Barrier gates: acrylic, PC, stainless steel frame

Features and Benefits

- Integrates with RFID card, barcode or magnetic card-reading technology, allowing interface with ID systems, access control and fee collection solutions
- Direction indicator displays current pedestrian access status, and guides pedestrians for correct and smooth passage
- Displays statistics and numbers
- Voice and strobe-light alerts
- A combination of infrared sensors and monitoring enables smooth pedestrian passage while ensuring prevention of unsolicited entry
- Double anti-clipping function: photocell anti-clipping and mechanical anti-clipping
- Auto reset function: if no passage is identified during card-reading time, the system will reset automatically. Pedestrians are then prohibited to pass until their second identified reading
- The barrier can be set to delay closing between 1-60s after a valid card-reading



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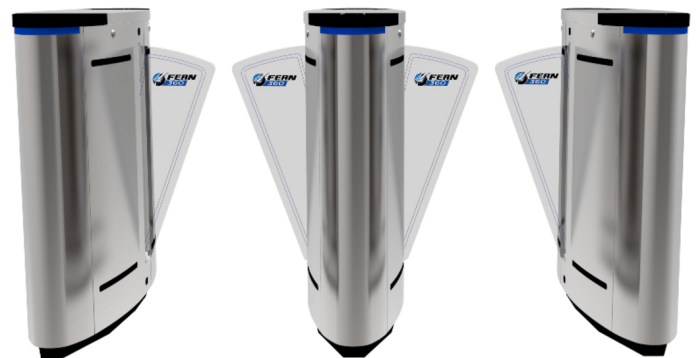
Technical Data

Technical Data	Unit	FGES-FB550-5
Passage Width	mm	550
Throughput Rate	p/m	35
Power Supply	V/(ac)	100-240
Operational Voltage	V/(dc)	24
Max. Power Consumption	Watt	35
Frequency	Hz	50-60
Protection Level	IP	> 44
Working Temperature	°C	-25 to +70
Dimensions - excluding gates	mm	1410*340*1005
Net Weight - including gates	kg	75

Ordering Information

FGES-FB550-5R	Right
FGES-FB550-5M	Middle
FGES-FB550-5L	Left

Product Images



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