

FULL HEIGHT SPEED GATE



FGES-SGFHSW-600



Key Features:

- **Dimensions:** 1400 x 150 x 980mm
- **Material:** 2.0mm Japanese imported sus304 stainless steel
- **Top cover:** 12mm white, man-made marble
- **Gate material:** 10mm tempered glass
- **Filling panel:** 8mm tempered glass
- **Passage width:** 600mm
- **Drive unit:** brushless Servo motor
- **Input:** 100-240V, 50-60Hz
- **Working Voltage:** 24V
- **MCBF:** 5,000,000 cycles
- **Communication interface:** RS485, dry contact
- **Operating time:** 0.2 seconds
- **Pass rate:** 35-40 people/minute
- **Working temperature:** -25°C to +70°C
- **Max power consumption:** 35W
- **Photocells:** 12 pairs

System Overview

Introducing the FERN360 full-height, swing-type speed gate, complete with full-height gates. This design effectively protects against intruders who attempt to climb on the gate and pass without appropriate access-control credentials.

With a brushless Servo motor, the speed gates work smoothly, without any noise, and will automatically stop at any position when detecting people. With 12 pairs of infrared sensors, striking or hitting, and unauthorised passing such as reverse passing, passing back, and tail-gating will be prohibited.

Operating Modes

Two working modes: Normally closed (NC) and normally open (NO), allowing the option to deal with peak or normal use.

Multiple control modes: Nine control modes enable unidirectional, bidirectional, free passage and authorised passage to fully meet individual user's needs.

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

Materials

Housing: metal sheet painted with 20/10, or stainless steel AISI 304

Barrier gates: plastic plate, toughened glass, stainless steel frame

Top cover options: stainless steel or artificial stone (black/brown)

Features and Benefits

Sensor Analysis: Analysis of people and objects is performed with real-time processing by all sensors in relation to a variety of machine actions. Utilising these results, the gate can accurately control the machine core, indicator and alarm actions.

Convenient Settings: No longer totally dependent on the host computer or user-unfriendly keyboard operation, the operator-machine interface is enhanced by a built-in LCD screen and button setup, enabling users to quickly and easily query the system and set channel parameters. This greatly improves the user's experience and installation process.

Safety first: In the case of fire or power-off, the door can be freely opened to ensure unimpeded egress.

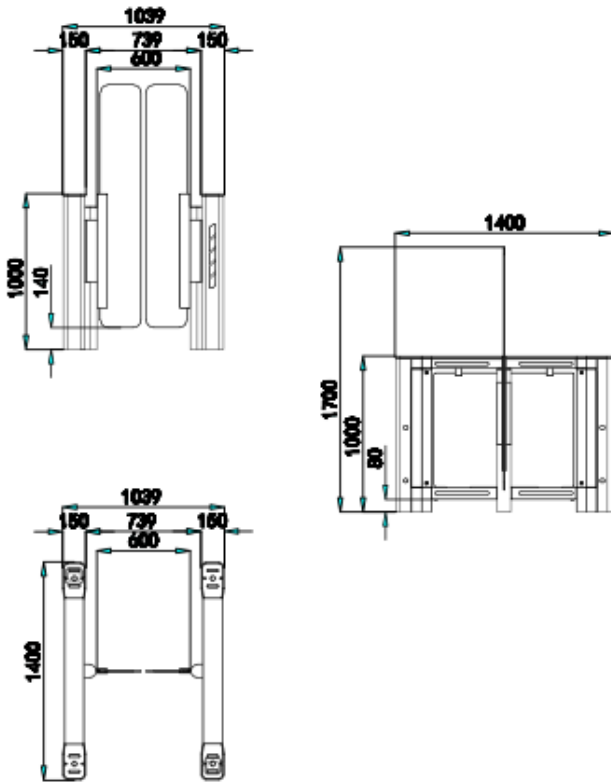
Various interfaces: I/O, RS232/485 and CAN interfaces, allowing convenience to control signal input, and provide a useful centralised fire control interface.

Precise positioning: Precise positioning is controlled by photoelectric sensors, ensuring accurate position after extended periods of use.

Indicator control: Three different statuses can be set for both front and back indicators (allow through, no through, and system maintenance). The indicators also show the passage direction and passage status (A to pass, B to pass, no through), which is convenient for users as well as management of the system.

Machine core control: The control system ensures coordination and synchronisation of the fundamental aspects of the equipment. The passage controller controls the machine core which in turn controls all of the functions, settings and parameters. Operation flow is the primary objective of the machine core, which is designed to be intelligent with superior consideration to safety and to allow smooth access control functionality.

Full Height Speed Gate | FGES-SGFHSW-600



Technical Data

Technical Data	Unit	FGES-SGFHSW-600
Passage Width	mm	600
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	1400*150*980

Ordering Information

FGES-SGFHSW-600R	Right
FGES-SGFHSW-600M	Middle
FGES-SGFHSW-600L	Left

Product Images



© 2020 FERN360. All rights reserved. Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.

FERN360 Limited

International Head Office: 8A Triton Drive, Albany, Auckland, New Zealand.
 Phone: +64 508 337 6360 (+64 508 FERN360) Email: info@FERN360.com
 Website: www.FERN360.com

