

GATE-GS

Gate-GS is a motorised swing gate powered by the next-generation BMDrive® mechanism, developed to deliver smooth, quiet, and reliable operation even in demanding, high-traffic environments. With an extended service life of 10,000,000 MCBF, it provides outstanding durability, minimises maintenance requirements, and reduces the total cost of ownership.

Built-in Wi-Fi connectivity and a dedicated service keypad enable quick configuration, diagnostics, and commissioning, giving service engineers instant access to system settings for faster installation and more efficient maintenance.

SWING GATES



ELEGANT, LIGHT AND MINIMALISTIC PART OF ACCESS CONTROL SYSTEM



Key features:

- Highly reliable BMDrive® mechanism with an extended service life of 10,000,000 MCBF;
- Configuration, diagnostics, and parameter adjustment via Wi-Fi, with secure access from a smartphone or tablet;
- Dedicated service keypad connection for advanced diagnostics, commissioning, and maintenance;
- Provides convenient access for wheelchair users, people with reduced mobility, and trolley traffic;
- Ideal complement to turnstiles within integrated access control systems;
- Robust steel housing designed for continuous operation in high-traffic environments;
- Seamless integration with any access control and identification system;
- Fast and durable ToothLock® leaf locking system with selectable HiSecurity and LowNoise operating modes;
- Combines high performance, reliability, and cost efficiency;
- Available in left-hand, right-hand, and double-sided opening configurations;
- BMDrive® safety mechanism protects the glass leaf from damage in the event of vandalism or forced opening;
- Compatible with the Frame-M mobile platform featuring a ramped base;
- Wide range of accessories for system customisation;
- Wired remote control supplied as standard;
- Fail-safe operation for emergency egress;
- Low power consumption.

Technical Specifications:

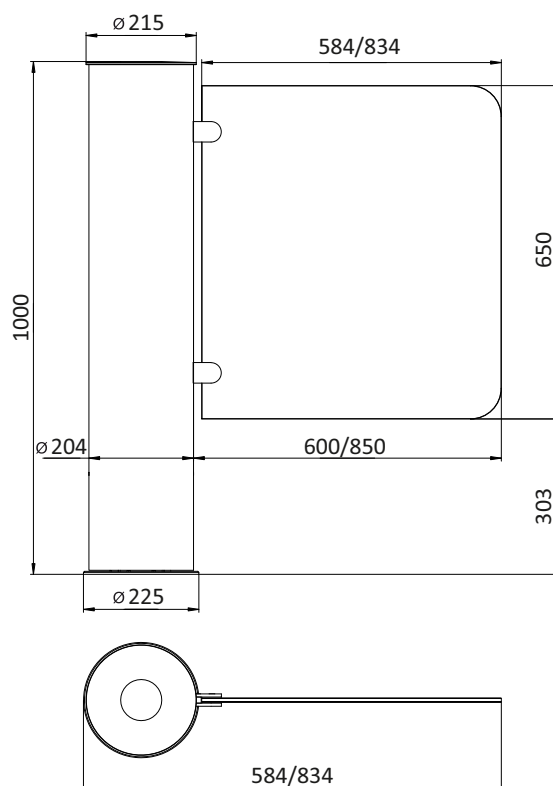
Model	Gate-GSH 650	Gate-GSH 900
Width, mm	815	1065
Length, mm	225	
Height, mm	1000	
Passage width, mm	650	900
Mechanism	BMDrive® servo-driven (BLDC)	
Blocking system	Single electromagnetic brake	
Operation mode	CW (100°) and CCW (100°)	
Emergency mode	Free exit/entry (gate is opening automatically)	
Power fail	Fail safe (gate could be opened manually — standard)	
MCBF, cycles	10 000 000	
MTTR, min	< 25	

Electrical Specifications:

Maximum power consumption, W	55
Voltage	From the AC (100-240)V, 50/60Hz; from a DC source 12 V

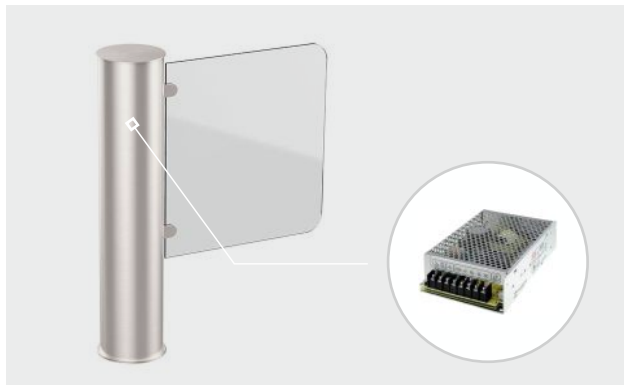
Finishing

Standard housing	Brushed SS AISI 304
Available housing	Brushed SS AISI 316; Polished SS AISI 304; Polished SS AISI 316; Powder coated RAL



Specifications are subject to change without prior notice.

STANDARD FEATURES



POWER SUPPLY UNIT

Operates in a wide voltage range: 88 - 264 VAC (47 - 63 Hz). A reliable power supply unit is included to the standard set of the turnstile and guarantees reliable and maintenance-free operation of the turnstile in any country worldwide.



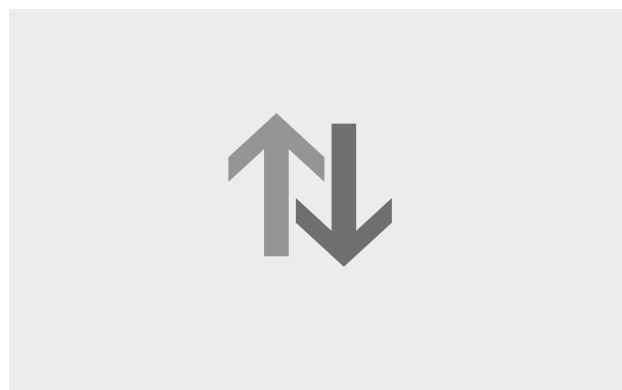
UPS FUNCTION

Introducing our advanced UPS system, seamlessly integrated to automatically switch power to the backup battery during outages. This ensures uninterrupted functionality of our speed gate, empowering you to utilize all features even in the event of a power failure.



CONTROL PANEL

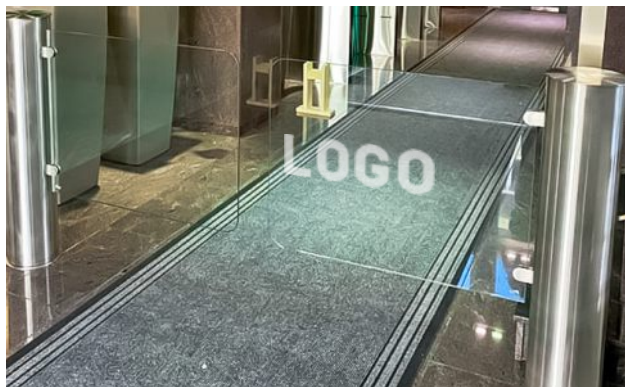
Included in the standard set, our wired control panel offers versatile functionality: Facilitates single passage and free passage modes. Enables access blocking and activation of the antipanic function.



BI-DIRECTIONAL

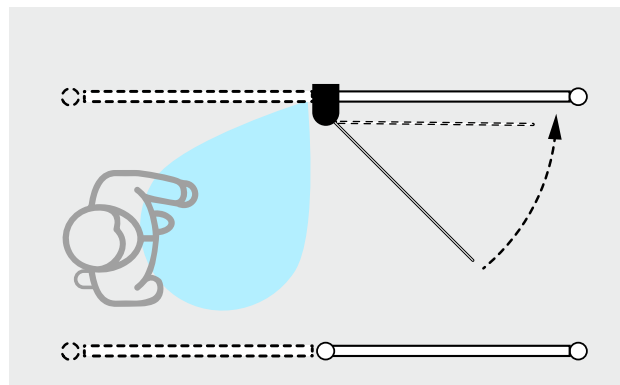
Enables the gate to support access control in both directions, allowing for seamless entry and exit from the secured area.

OPTIONAL FEATURES



PATTERN APPLICATION

Customize your speed gates with unique signatures, patterns, logos, and more, seamlessly placed on the leaves, housing, or top lid for a distinctive touch.



MICROWAVE MOTION RADAR

Designed to detect movement with high precision. Featuring advanced microwave technology, it ensures reliable operation and prevents unauthorized access, making it essential for maintaining the safety and security of your property.



ENCLOSURE

It enhances safety by restricting access, especially for pets and children, and adds a stylish finish to your property.



RAMPED BASE PLATFORM

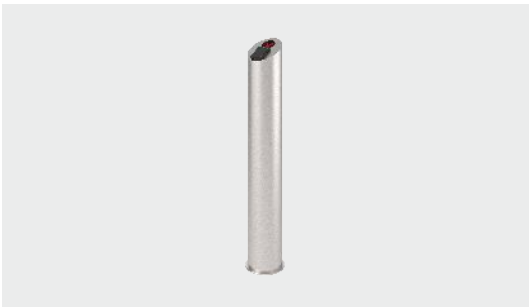
Ensures quick temporary gate installation. As well as can be installed in areas where it is impossible to drill the floor.

OPTIONAL FEATURES



POST FOR READER (Ø 51 mm)

Designed to securely mount access control readers. This post ensures easy installation and provides a stable platform, enhancing the functionality and security of your gates.



POST FOR READER (Ø 154 mm)

Designed to securely mount access control readers and show status indication with LED lights (Red Cross/Green Arrow). This post ensures secure mounting for access control readers and provides clear, visual status signals for enhanced functionality and security.



POST FOR READER (Ø 204 mm)

Featuring a sleek black tempered glass top lid and LED status indication lights (Red Cross/Green Arrow). This post provides secure mounting for access control readers and clear visual signals for improved functionality and security.



POST WITH CARD COLLECTOR (Ø 204 mm)

Featuring a sleek black tempered glass top lid and LED status indication lights (Red Cross/Green Arrow). This post ensures efficient card collection and provides clear visual signals for enhanced security and functionality.



LED INDICATIONS AT THE TOP OF THE TUBE

This feature provides clear visual feedback at the top of the tube, ensuring quick and easy status recognition for optimal safety and convenience.

OPTIONAL FEATURES



IP 54 - OUTDOOR INSTALLATION

The high level of IP 54 guarantee smoothly operation outdoor: under a temperature range changes, the impact of moisture and dust, etc.



TWIC WIRELESS CONTROL PANEL

TWIC offers remote control for multiple lines of turnstiles. With its space-saving 10" touchscreen display, it can be conveniently placed at reception



RFID READERS T-PROX MINI

Reader operates with 125 kHz cards, Mifare, Mifare Plus and mobile credentials U-Prox ID over NFC and over 2.4 GHz radio.



HEATING

Heating option is advised for climates with temperatures below -10°C.



SUPER CAPASITOR

Ensure uninterrupted operation with our free power package, enabling emergency automatic one-time