

Evolve Security Products Limited



**SGRetail**

[www.EvolveSecurityProducts.com](http://www.EvolveSecurityProducts.com)

# SGRetail

## Swing Gate

***The SGRetail is one of the most secure and safest swing gate on the market.***

The SGRetail has been specifically designed to help with retail loss prevention, as well as offering a cheaper alternative to speed gates used in controlling access to gyms, education, and office environments.

Packed full of features the SGRetail gate provides a flexible security solution, particularly useful where high throughput, disable access, large bulky items are required and to meet fire regulations.

SIX diffuse-reflective photocells are supplied as standard, the 3 high level photocells:-

- Monitor the user passage.
- Detects loitering, tailgating and wrong direction of travel.
- Provide safety during the opening and closing cycle.

The 3 low level photocells provide the same functions as the high level sensors but for users less than 0.9m in height, ***making the SGRetail one of the most secure and safest swing gate on the market.***

The SGRetail can be used as a single cabinet or double with master and slave configuration providing a large opening with high speed and bi-directional pedestrian throughput.



The SGRetail gate can be controlled from a variety of devices, such as a simple push button through to an access control management system with ID cards, face recognition and QR codes etc.

For additional safety the SGRetail gate can be connected to the fire alarm system to automatically open on activation and on power failure it can be manually pushed open in either direction.

There are four standard arms sizes, with bespoke options available:-

- 630mm clear opening, trombone arm.
- 920mm clear opening, trombone arm.
- 600mm clear opening, full panel.
- 900mm clear opening, full panel.

LED status and functional lighting provide an inviting route indication for users.



Our open protocol and tried-and-tested control technology enable easy setup of the functions, operating and test modes.

The working mode for each direction of travel can be easily set to FREE, BARRED or CONTROLLED mode.

## Operation

The status LED fitted as standard show from a distance which lane is in use and the functional LEDs gave the user visual inform on how to proceed.

When set to CONTROLLED the gate requires a volt free normally open relay contact closing for not more than 1 second to allow passage. If used as a bi-directional lane a separate relay contact is required for each direction of travel.

Once the last photocell has been cleared the gate will automatically close or it can be set to close after a timed period.

When set to FREE the gate will automatically open when the photocell detects a user. When set to BARRED the gate will not open.

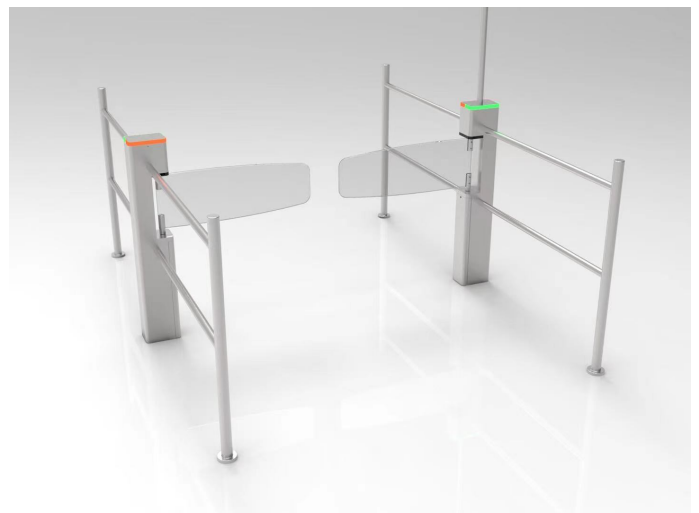
The fire alarm input requires a volt free normally closed relay contact opening for more than 3 second to allow the gate arm to drive open. When the input reverts to normally open the arm will automatically close.

An optional alarm relay can be used to trigger CCTV to record breaches in security.

## Our Solutions

Evolve design and manufactures high end pedestrian entrance and exit gates and turnstiles.

Our product are designed around the very best of British engineering creating fast operating, easy to use, reliable and robust products.



**“Evolving the way you manage your pedestrian access.”**

## OPTIONS

Options include:-

1. Obstacle widths 630, 920, 600 and 900, bespoke arm available.
2. Obstacle types: Trombone or Full panel.
3. Hold open key switch.
4. Drilling templates for a speedy and more accurate installation.
5. Reception engraved push button and touchscreen consoles.
6. Free standing surface plinth to reduce civils' and speed installation.

## Key Features

1. Low cost.
2. Safe and secure, even for users less than 0.9m.
3. East to install and maintain.
4. Minimal footprint.
5. Nine operating modes.
6. Clear 10 plexiglass obstacles.
7. 25 to 30 people per/min, depending on access control and users.
8. User status and functional LED's.
9. Stacking function to speed throughput.
10. Brushless 24 vdc motor.
11. Walkways from 630 to 1790mm.
12. UK designed.

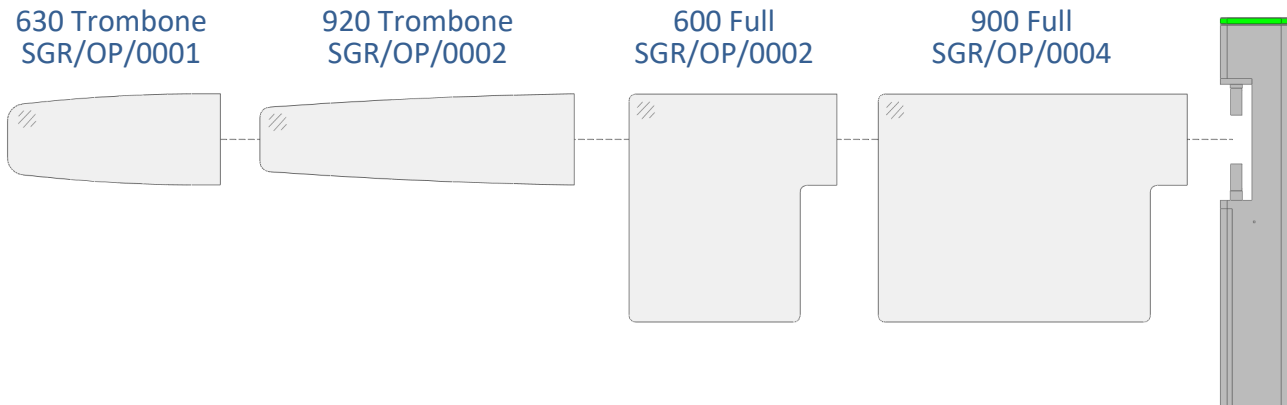


**“Evolving the way you manage your pedestrian access.”**



# Arm Selection

Cabinet  
SGRetail



## Ordering Information

Each cabinet is supplied with:-

- Cabinet H1150 x W140 x L200mm.
- 6 detection photocells.
- 12 months warranty.

SGRetail	SGRetail Cabinet without arm	
Arm Type and Size		
SGR/OP/001	W630mm Trombone shaped arm	<a href="#">Drawing</a>
SGR/OP/002	W920mm Trombone shaped arm	<a href="#">Drawing</a>
SGR/OP/003	W600mm Full panel arm	<a href="#">Drawing</a>
SGR/OP/004	W900mm Full panel arm	<a href="#">Drawing</a>
Options		
OP-RELAY-00	Alarm output Relay	<a href="#">Data Sheet</a>
OP-KEY-00	Hold Open Key switch 3 position A-OFF-B	
ESP-MANIF-001	Manifestation dots 50mm dia, 100mm spacing, 1m length	
Reception Consoles		
ESP-CON-001	Two push buttons and one key switch per lane.	<a href="#">Data Sheet</a>
ESP-CON-002	Each additional lane in the same group.	



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