

# Fastlane Glassgate

## Key Features

■ <b>Dimensions</b>	<b>Standard</b> (L) 1402 mm / 55.2" (W) 162 mm / 6.4" (H) 967 mm / 38" 600 mm / 23.6"	<b>Wheelchair</b> (L) 1402 mm / 55.2" (W) 162 mm / 6.4" (H) 967 mm / 38" 914 mm / 36"
■ <b>Lane Width</b>	Bullnose	
■ <b>Shape of Unit</b>	24	
■ <b>Number of Infra-red Beams</b>	¾ Height Glass panel which opens in a 'door-like' motion away from users	
■ <b>Barrier Type</b>	Middle of Pedestal	
■ <b>Barrier Position</b>	<b>Standard</b> – ¾ Height	<b>Options</b> – Full Height & ½ Height
■ <b>Barrier Height</b>	Barrier Extended (Normally Closed)	
■ <b>Primary Operating Mode</b>	Double gate option	
■ <b>Wheelchair Access</b>	Additional cost implication	
■ <b>Distance to *</b>		
■ Detect Tailgaters	5 mm / 0.25"	
■ Physically Impede Tailgaters	914 mm / 36"	
■ <b>Speed of Throughput</b>	1 person per 2 seconds (subject to access system)	
■ <b>User Display</b>	Tri-Colour End of Lane LEDs	
	Tri-Colour In-Lane Chasing LEDs	
■ <b>Customisable Features</b>	Vanity Tops at extra cost	
	Glass can have company logo on it at extra cost	
	Enclosure Materials at extra cost	
■ <b>Safety Features</b>	16 Safety Beams, Fire Alarm Input, Fail Safe	
	Electronic Brake	



Fastlane Glassgate uses imposing glass barriers in conjunction with state of the art optical technology to provide a high throughput security gate. The bi-directional glass barrier is designed to work in a normally closed mode and open after a valid card has been presented to allow the authorised user to pass. The glass barrier closes quickly behind the authorised person to deter tailgaters. The glass barrier moves away from the authorised pedestrian. In the event of other authorised users trying to use the lane the barrier will stay open, even if they are walking in the opposite direction. The familiarity of the 'door-like' action of the barrier gives users confidence in operating the system ensuring quick acceptance.

### User Friendly and Safe

The Fastlane Glassgate barriers feature variable torque and speed settings to tailor the units to specific applications. The infrared beams monitor the area near the barrier; if an object is detected in the path of the barrier, it slows to a crawl until the obstruction is removed. The Fastlane Glassgate can integrate with a fire alarm system so that in an emergency the barriers automatically open in the exit direction to allow for free emergency egress. In a power failure, the barriers can be gently pushed out of the way.

### Versatile

The Fastlane Glassgate comes with a single barrier for standard lanes but a double barrier lane can be added to the system to create a wider passage for wheelchair or trolley access. The same slim pedestals are used for both types of lane.

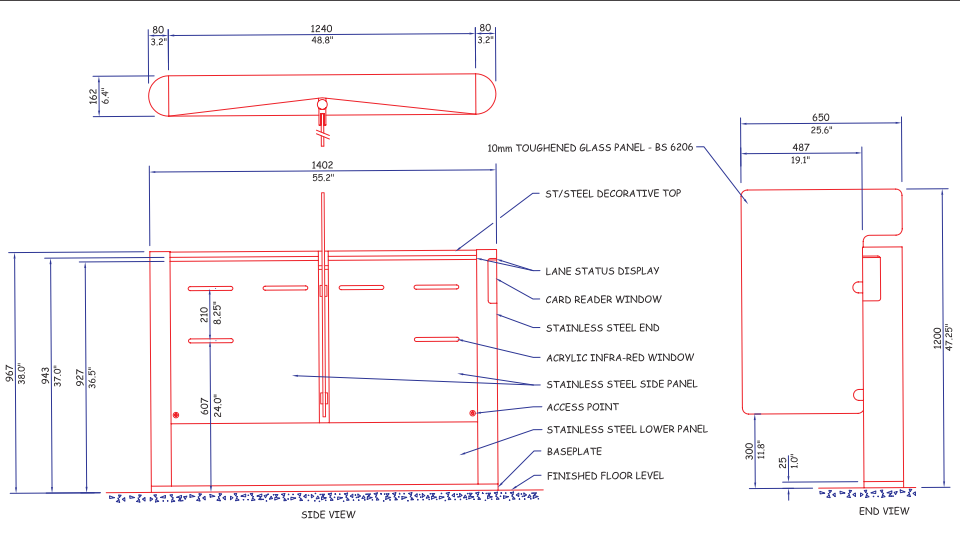


# Setting New Standards In Entrance Control

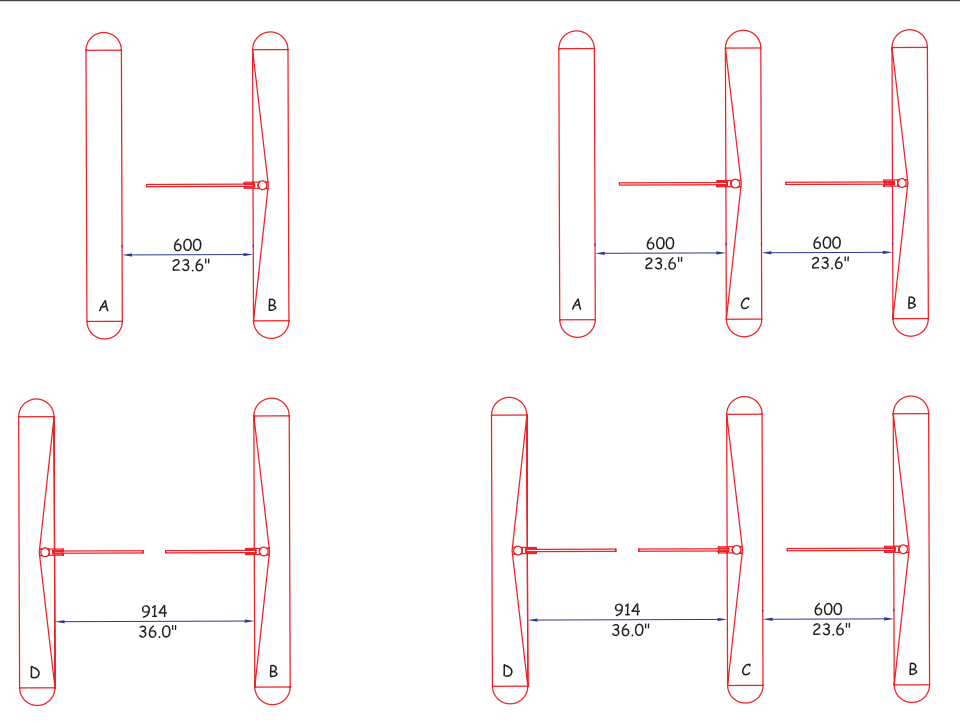


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## Unit Information



## Pedestal Configuration Options (see below for explanation)



## Configuration

Fastlane Glassgate comes with 4 pedestal options to allow the system to be configured to suit different configurations. The options are:

**A:** Tx Only pedestal **B:** Rx Gate pedestal **C:** Rx Gate/Tx pedestal **D:** Tx Gate pedestal  
 A lane is made up of a **Rx Gate** pedestal and either a **Tx Only** pedestal or a **Tx Gate** pedestal. The **Tx Gate** pedestal is used if a wheelchair width lane is required. If a wheelchair width lane is not required then **Tx Only** pedestal is used. If more than one lane is required in the group of lane/s then **Rx Gate/Tx** pedestals are added as required.

## Visitor Management

The Glassgate features a Visitor Management input. When activated this allows an unlimited number of people to pass through the lane. Once the visitors have entered and the system no longer sees anyone entering or exiting, after a period of time it returns to its secure state.



Manufactured by: Integrated Design Ltd

[www.fastlane-turnstiles.com](http://www.fastlane-turnstiles.com)

\*Subject to speed of users Installation photos may not represent current production models

## Technical Specifications

### Power Requirements:

12v DC (11.9-14v) Supply current 0.5 nominal.  
 24v DC (22-26v) peak current 2A.  
 Mains Power requirement 230Vac 50Hz or 115Vac 60Hz, 100VA.

### Optics:

Optical Turnstile - pulsed multi infra-red beam array, synchronised for detection.  
 Barrier Safety - pulsed multi infra-red beam array.  
 Environmentally hardened to avoid sunlight interference.

### Display:

Tri Colour 'chasing' LED display  
 End of lane indicators

### Sounders:

Single Tone Sounder: Card Authorisation  
 Multi Tone Variable Volume Sounder: Alarm Condition

### Inputs:

Require voltage-free switching (current sense 1mA typical)  
 Entry Request (NORMALLY OPEN) , closing for 1 second  
 Exit Request (NORMALLY OPEN) , closing for 1 second  
 Visitor Access (NORMALLY OPEN), momentary pushbutton

### Outputs:

Voltage free relay contacts rated 0.5A, 28Vdc in two groups for the following functions:

### Output to System:

Entry (NORMALLY CLOSED) Exit (NORMALLY CLOSED)  
 Alarm / Barrier Glass Forced Alarm (NORMALLY CLOSED)

### Flow Control and Alarm Outputs:

Ready for Entry (NORMALLY CLOSED, NORMALLY OPEN, COMMON poles)  
 Ready for Exit (NORMALLY CLOSED, NORMALLY OPEN, COMMON poles)  
 Remote Alarm (NORMALLY OPEN)

### Operating Modes

·Card In/Card Out ·Card Entry/Free Exit  
 ·Free Entry/Card Out ·Free Entry/Free Exit  
 ·No Entry/No Exit ·Auto Entry/No Exit

### Opening/closing Time:

2 seconds minimum

### Speed of Throughput:

1 person per 2 seconds nominal  
 1 person per second maximum

### Tailgate Detection Distance:

5 mm (0.25 inch) minimum

### Barrier Glass Height:

1200 mm (47.25")

### Barrier Glass Width:

487 mm (19.1")

**Standard Lane Width (single glass panel):** 600 mm (23.6")

**DDA Lane Width (double glass panel):** 914 mm (36")

**Barrier Glass Break-away force:** 10kg (1N) Nominal

**Pedestal Weight:** 90kg (198lbs)

**Pedestal Height:** 965 mm (38")

**Pedestal Width:** 162 mm (6.4")

**Pedestal Length:** 1400 mm (55.1")

Specification subject to change without prior notice.

## Accessories and Optional Extras

### Fastlane Floor Protector

The Fastlane Floor Protector system is designed for temporary installations and enables Fastlanes to be installed quickly and cost effectively, without drilling or otherwise damaging the floor on which they stand.

### Fastlane Infill System

The Fastlane Infill System is a series of decorative modular panels, which complement the Fastlane speedgates by guiding users in the desired direction.

### Fastlane Remote Control

This desk mounted controller is designed to allow the guard to override some of the features of the Fastlanes, facilitate visitor entry and to give a visual indication of alarms at the guard desk.

### Card Reader Mounting

A number of alternative card reader mounting options are available.

### Alternative material and colour finishes

IDL offers a full design service for custom enclosures, as well as alternative colours and materials.

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