

Fastlane Glasswing

Key Features

■ Dimensions	Standard (L) 1406 mm / 55.4" (W) 366 mm / 14.4" (H) 967 mm / 38" 660 mm / 26" Elliptical 24 Glass panels that retract inside the pedestals Middle of Pedestal Standard – ½ Height Options – None Barriers Extended (Normally Closed) Wider pedestal required with longer barriers Additional cost implication	Wheelchair (L) 1406 mm / 55.4" (W) 484 mm / 19" (H) 967 mm / 38" 914 mm / 36"
■ Lane Width		
■ Shape of Unit		
■ Number of Infra-red Beams		
■ Barrier Type		
■ Barrier Position		
■ Barrier Height		
■ Primary Operating Mode		
■ Wheelchair Access		
■ Distance to *		
■ Detect Tailgaters	5 mm / 0.25"	
■ Physically Impede Tailgaters	300 mm / 12"	
■ Speed of Throughput	1 person per second (subject to access system)	
■ User Display	Tri-Colour End of Lane LEDs	
■ Customisable Features	Vanity Tops at extra cost Glass can have company logo on it Enclosure Materials	
■ Safety Features	8 Safety Beams, Fire Alarm Input	



Fastlane Glasswing uses glass barriers in conjunction with state of the art optical technology to provide a high throughput security gate. The glass barriers are designed to work in a normally closed mode and retract inside the pedestal after a valid card has been presented to allow the authorised user to pass.

The fast moving glass barriers close behind the authorised person to deter tailgaters. The barriers are positioned in the middle of the pedestal to allow true bidirectional control and automatic free exit if desired.

User Friendly

The Fastlane Glasswing features a throughput management system. When activated the barriers stay open after an authorised entry for a defined period of time to await another authorised card. This inhibits the need for the barrier to open and close in between authorised people at peak traffic times. The Glasswing is designed to provide a larger gap than the industry standard for speedgates thereby allowing easy access through the system and minimising the chance of damage to the unit from briefcases and other large items.

Safe

The Fastlane Glasswing barriers feature variable torque and speed settings to tailor the units to specific applications. 8 infrared beam paths monitor the area near the barriers preventing the barriers closing on an obstruction. Additionally the barriers feature a torque sensor and are designed to automatically retract if they sense an obstruction when trying to close. The Fastlane Glasswing can integrate with a fire alarm system so that in an emergency the barriers automatically open to allow for free emergency egress. In a power failure, the barriers can be set to automatically open.



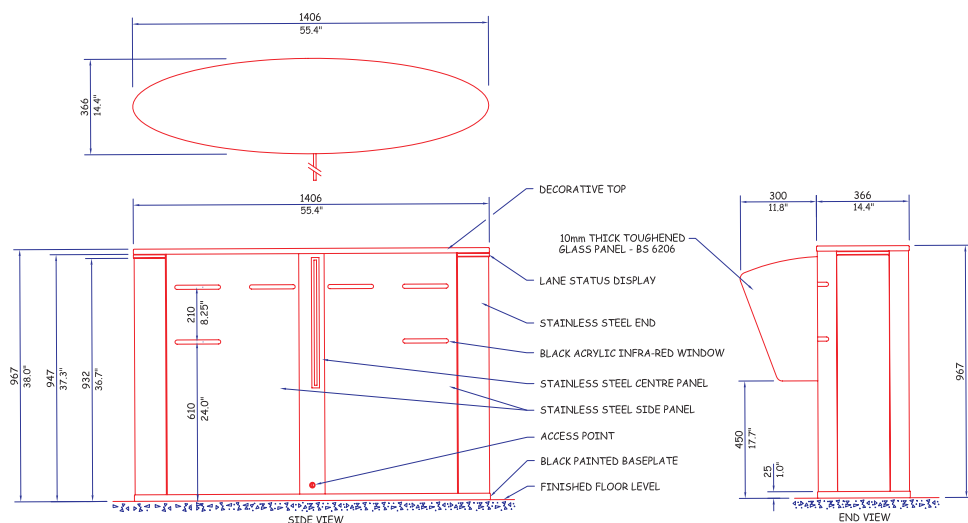
www.fastlane-turnstiles.com



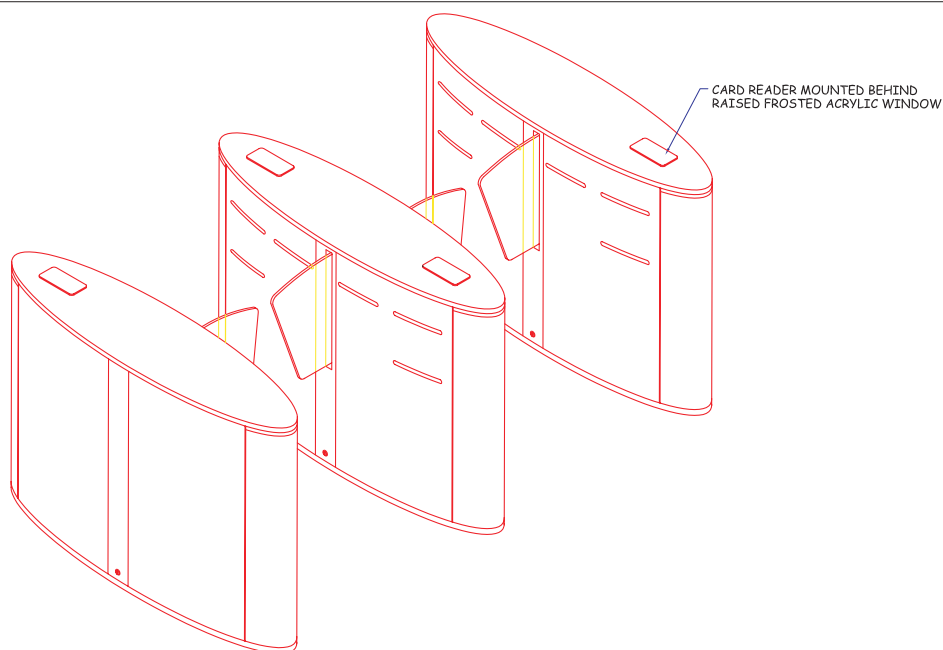
Setting New Standards In Entrance Control



Unit Information



Card Reader Mounting Options



Technical Specifications

Power Requirements:

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

Optics:

Optical Turnstile – 24 pulsed multi infra-red beam matrix, synchronised for detection.

Barrier Safety – 8 Pulsed multi infra-red beams.

Environmentally hardened to avoid sunlight interference.

Display:

Tri-colour 'end of lane' LED display

Sounder:

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:

0.5 second minimum

Speed of Throughput:

1 person per second maximum

Tailgate Detection Distance:

5 mm (0.25 inch) minimum

	Standard Lane	DDA Lane
Barrier Glass Height:	950 mm (37.4")	950 mm (37.4")
Barrier Glass Width:	300 mm (11.8")	400 mm (15.75")
Standard Lane Width:	660 mm (23")	914 mm (36")
Standard Lane	DDA Lane	
Pedestal Weight:	95 kg (209lbs)	100 kg (220lbs)
Pedestal Height:	967 mm (38")	967 mm (38")
Pedestal Width:	366 mm (14.4")	484 mm (19")
Pedestal Length:	1406 mm (55.4")	1406 mm (55.4")

Specification subject to change without prior notice.

Visitor Management

The Glasswing 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.

Reliability

Glasswing has been designed with easy installation and low maintenance in mind. Glasswing can be integrated into any existing access control or building management system and can be used in conjunction with most card and biometric readers. Glasswing builds on Fastlane's proven track record of over 1000 systems installed worldwide over 10 years.

For further information please contact your local dealer or the manufacturer.

ALBE TECHNIEKEN BV
 J.Bakerstraat 20
 1311 GA ALMERE

t: +31 (0)36 546 51 82
 f: +31 (0)36 546 42 99
 e: info@Verkoop@ALBE.nl
 w: www.ALBE.nl

*Subject to speed of users

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 and Fastlane *plus* turnstiles 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.



Manufactured by:
 Integrated Design Ltd
 Littleton House
 Littleton Road
 Ashford
 Middlesex
 TW15 1UU, UK

t: +44 (0) 1784 245 941
 f: +44 (0) 1784 240 647
 e: info@idl.co.uk
 w: www.idl.co.uk
 w: www.fastlane-turnstiles.com