Fastlane Glassgate 400

Key Features

		Compact	Standard	Wide
■	**Pedestal Dimensions**	(L) 1408 mm / 55.2"	(L) 1408 mm / 55.2"	(L) 1408 mm / 55.2"
		(W) 218 mm / 8.6"	(W) 218 mm / 8.6"	(W) 218 mm / 8.6"
		(H) 1060 mm / 41.75"	(H) 1060 mm / 41.75"	(H) 1060 mm / 41.75"
■	**Lane Width**	550 mm / 22"	660 mm / 26"	914 mm / 36"

- ■ **Shape of Unit** — Elliptical End (Square option available)
- ■ **Number of Infra-red Beams** — 24
- ■ **Barrier Type** — ¾ Height Glass panels which open in a 'door-like' motion away from users
- ■ **Barrier Position** — Middle of Pedestal
- ■ **Barrier Height** — **Standard** – ¾ Height   **Options** – ½ Height & Full Height
- ■ **Primary Operating Mode** — Barriers Extended (Normally Closed)
- ■ **Wheelchair Access** — Wider glass panels / Additional cost implication
- ■ **Distance to ***
  - Detect Tailgaters — 5 mm / 0.25"
  - Physically Impede Tailgaters — 914 mm / 36"
- ■ **Speed of Throughput** — 1 person per second (subject to access system)
- ■ **User Display** — Tri-Colour End of Lane LEDs
- ■ **Customisable Features** — Decorative Tops at extra cost (Standard: Low iron white backed glass) / Glass can have company logo on it at extra cost / Enclosure materials at extra cost
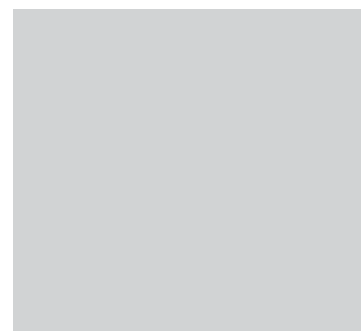- ■ **Safety Features** — 8 Safety Beams, Fire Alarm Input, Failsafe Electronic Brake
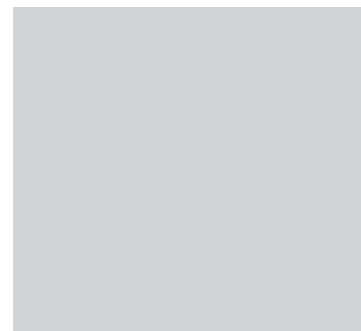
Fastlane Glassgate 400 uses glass barriers in conjunction with state of the art optical technology to provide a high throughput security gate. The bi-directional glass barriers are designed to work in a normally closed mode and open after a valid card has been presented to allow the authorised user to pass. The glass barriers close quickly behind the authorised person to deter tailgaters. The glass barriers move away from the authorised pedestrian. In the event of other authorised users trying to use the lane the barriers 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 400 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 400 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.
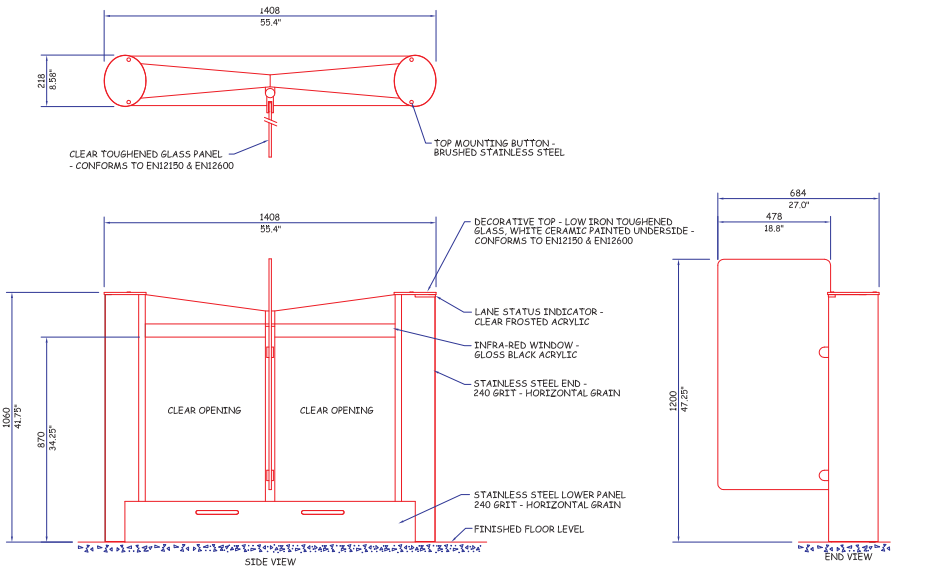
Versatile
The Fastlane Glassgate 400 comes with narrower glass barriers for standard lanes but the barriers can be made wider to create a wider passage for wheelchair or trolley access. The same slim pedestals are used for both types of lane.
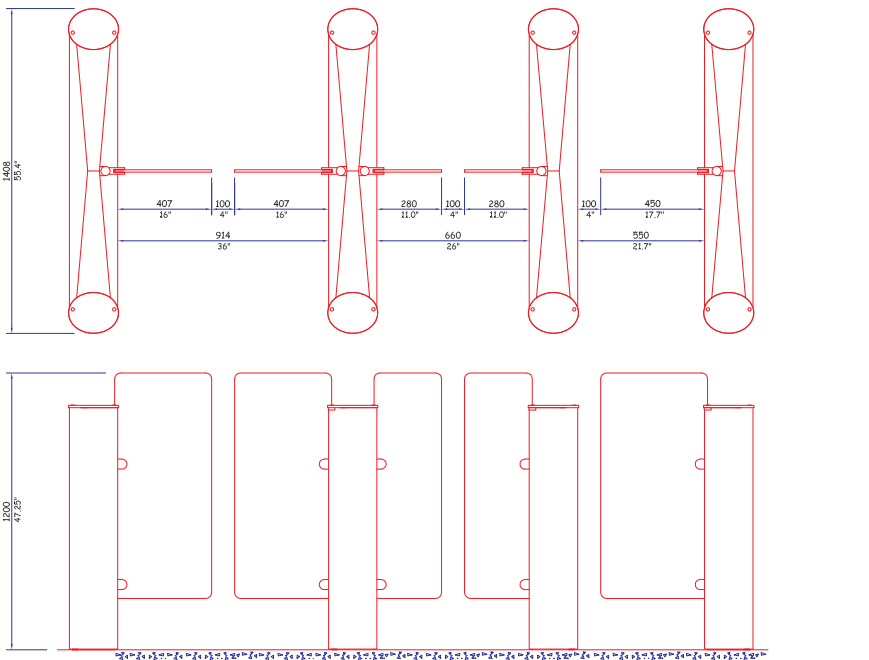
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Setting New Standards In Entrance Control

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Technical Specifications

Unit Information

1408
55.4"

218
8.58"

CLEAR TOUGHENED GLASS PANEL - CONFORMS TO EN12150 & EN12600

TOP MOUNTING BUTTON - BRUSHED STAINLESS STEEL

1408
55.4"

684
27.0"

478
18.8"

DECORATIVE TOP - LOW IRON TOUGHENED GLASS, WHITE CERAMIC PAINTED UNDERSIDE - CONFORMS TO EN12150 & EN12600

LANE STATUS INDICATOR - CLEAR FROSTED ACRYLIC

INFRA-RED WINDOW - GLOSS BLACK ACRYLIC

STAINLESS STEEL END - 240 GRIT - HORIZONTAL GRAIN

1060
41.75"

870
34.25"

1200
47.25"

CLEAR OPENING   CLEAR OPENING

STAINLESS STEEL LOWER PANEL 240 GRIT - HORIZONTAL GRAIN

FINISHED FLOOR LEVEL

SIDE VIEW

END VIEW

Lane Configurations

1408
55.4"

407
16"

100
4"

407
16"

280
11.0"

100
4"

280
11.0"

100
4"

450
17.7"

914
36"

660
26"

550
21.7"

1200
47.25"

Power Requirements:
24v DC (22-26v) peak current 2A.
Mains Power requirement 230Vac 50Hz or 115Vac 60Hz, 120VA.
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: 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 ½ Height:	1200 mm (47.25")
Barrier Glass ¾ Height: (Standard)	1500 mm (59")
Barrier Glass Full Height:	1800 mm (70.8")
Compact Barrier Glass Width:	450 mm (17.7")
Standard Barrier Glass Width:	280 mm (11")
DDA Barrier Glass Width:	407 mm (16")
Compact Lane Width (single glass panel):	550 mm (22")
Standard Lane Width (double glass panel):	660 mm (26")
DDA Lane Width (double glass panel):	914 mm (36")
Barrier Glass Break-away force:	10kg (1N) Nominal
Pedestal Weight:	100 kg (220 lbs)
Pedestal Height:	1060 mm (41.8")
Pedestal Width:	218 mm (8.6)
Pedestal Length:	1408 mm (55.4")

Specification subject to change without prior notice.

Configuration
Fastlane Glassgate 400 comes with 3 pedestal options to allow the system to be configured to suit different configurations. The new dual glass panel Interlane facilitates either standard or DDA/ADA lane widths thus a set of DDA/ADA width disabled lanes can be provided.

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.

Visitor Management
The Glassgate 400 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.

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

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