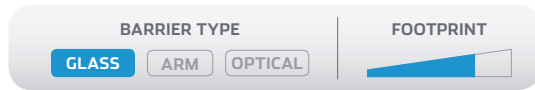Speedgates

# Fastlane® 200

Glassgate models

| 150 | **200** | 250 | 300 | 400 |

## Elegance and intelligence, defined

Fastlane Glassgate 200 is a compact optical turnstile with sleek variable-height barriers. It features advanced optical technology with bidirectional swinging glass gates for rapid throughput and intelligent tailgate detection. With Fastlane, security has never looked so inviting.

**BARRIER TYPE**

GLASS | ARM | OPTICAL

**FOOTPRINT**



### Advanced intelligence

Fastlane turnstiles have an advanced architecture based on distributed intelligence. An infrared beam matrix engineered with multiple microprocessors monitors pedestrian movement with pinpoint accuracy, detecting tailgaters as close as 1/4" apart. Inherently more secure, this technology also enables the fastest entry and minimizes false alarms.

### IP enabled

Glassgate 200 features Fastlane Connect™, a TCP/IP communication and control system that enables Web-based turnstile control from any PC, tablet, smartphone, or from Fastlane's Multilane Controller.

### Operation

Glassgate is designed to work in a normally closed mode, opening only after an access system approval. The glass barrier swings away from an authorized user. Barriers then either:

- Close quickly behind the authorized person to deter tailgaters
- Stay open for immediate additional authorized users passing in either direction

Glassgate will automatically sound a local alarm if someone enters without authorization.

- Efforts to push past the glass barrier will sound a second, louder alarm
- A secondary relay can trigger CCTV, lock doors, or control elevators
- Optional locking brake for more secure enviroments

### User-friendly and safe

Fastlane Speedgates feature up to 8 safety beams designed to stop the barriers from moving in the event that any of the beams are broken. The units feature a fire alarm input to allow for unimpeded emergency egress and the units can be configured to fail safe in the event of power fail.

| High security | Pinpoint accuracy | Unsurpassed throughput | Superior design | Field-proven reliability |
|---|---|---|---|---|
| Advanced technology for superior entry control | Intelligence virtually eliminates false alarms | Greater return on investment | Refined, slim designs accentuate lobby | Uptime and long lifetime improve bottom line |
| • Detects tailgaters following behind authorized personnel | • Differentiates body mass from smaller objects | • High processing speed reduces traffic build-up | • Glass barriers provide secure and welcome entry | • Fewer failures mean lower repair costs |
| • Glass barriers are a visual and physical deterrent | • Increases acceptance, avoiding guard tune out | • Door-like motion ensures quick user acceptance | • Barriers open flush with the pedestal, minimizing footprint | • Minimizes need for extra guards |

Speedgates

# Fastlane Glassgate 200

**Glassgate models**

| 150 | **200** | 250 | 300 | 400 |

## Materials

- Gates: toughened glass (to EN 14179 / ANSI 97.1)
- Side panels and end caps: 304 stainless steel with a satin polish
- Tops: 304 stainless steel with Corian® Deep Black Quartz ends
- Beam windows: Perspex® 962

In addition to a choice between rounded or squared pedestal ends, a variety of premium and custom options are available to ensure Fastlane complements building aesthetics.

## Visitor management

Fastlane features an optional visitor management input. When activated, unlimited access is allowed for a designated period, after which the system returns to its secure state.

## Disabled access

Fastlane is compliant with ADA as well as most international standards. A wider lane using the same slim pedestals and wider glass allows for wheelchair or cart access. Audio/Visual feedback is standard.

## Options/Accessories

- Fastlane Technical Services
- Fastlane Floor Protector
- Fastlane Infill System
- Multiple desktop controls- IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- Locking barriers
- Icon Status Display

Please see Fastlane accessories data sheets for additional details.

## Technical specifications

### Pedestal dimensions (standard and ADA)
- Height: 37.9" (965 mm)
- Width: 6.6" (167 mm)
- Length: 55.6" (1411 mm)

### (Dual Interlane)
- Height: 37.9" (965 mm)
- Width: 9.9" (251 mm)
- Length: 58.9" (1496 mm)

### Barrier glass dimensions
- Height from floor: 47.2" (1200 mm) standard
- 37.8" (961 mm), 59.1" (1500 mm), and 70.9" (1800 mm) available
- Standard width: 23.6" (600 mm)
- Dual Interlane width: 26" (660 mm)
- ADA width: 36" (914 mm)

### Lane width
- Standard lane: 23.6" (599 mm)
- ADA lane: 36" (914 mm)

### Opening time
- 1 second minimum (std. lane)

### Throughput*
- 1 person / second maximum (subject to response time of access control system)

### Tailgate detection distance
- 1/4 inch (5 mm) minimum

### Barrier glass breakaway force
- 60 N (6.1 kg) nominal
- Available locking barriers will not breakaway

### Display
- Tri-color end of turnstile indicators: red, white, green

### Sounders
- Single tone sounder: card authorization and turnstile obstruction
- Multi-tone variable volume sounder: alarm condition

### Optics
- Optical turnstile - pulsed multi-infrared beam array, synchronized for detection and safety
- Environmentally hardened to avoid sunlight interference

### Operating modes
- Card in/card out
- Card entry/free exit
- Free entry/card out
- Free entry/free exit

### Ethernet Connection
- RJ45 TCP/IP port

### Power requirements
- Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz
- Output: 24 V DC, 60 W, 1.25 A

### Reliability
- 5,000,000+ cylces*

### Inputs from Access Control
- Require voltage-free switching (current sense 1 mA typical)
- Entry request (normally open closing for 1 second)
- Exit request (normally open closing for 1 second)
- Visitor access in & out (normally open momentary pushbutton)
- Fire panel integration- Opto-coupled Input 12-24 Vdc @ 25mA nomina

### Outputs to Access System
- Voltage free relay contacts rated 0.5A, 28 V DC for output to system
- Lane entered (NC)
- Lane exited Exit (NC)
- Alarm 1 (NC, opening for 1s)
- Alarm 2 (NC, opening for 1s)

### Certifications (power supply only)
- UL 60950-1, 2nd edition
- CSA C22.2 No. 60950-1-07, 2nd edition

\* Expected time to pass through turnstile.

\* In normal use, 5,000,000 cycles of operation is expected before electromechanical subas-semblies may require replace-ment as part of an approved preventative maintenance program.

\* Due to continuous improvements, specifications are subject to change without prior notice.

## Details

### Glassgate 200 dimensions
(standard, round ends, single turnstile)

Please see the Glassgate 200 Drawing Pack for additional details.



**End View**

18.8

37.9"

47.2"

23.6"

**Top View**

6.6"

55.6"