



### Barrier turnstiles

# Fastlane<sup>®</sup> Glassgate 200 Plus

BARRIER TYPE			FOOTPRINT
GLASS	ARM	OPTICAL	

## Setting the Standard

A variation on the original GG200, the Glassgate 200 Plus has been designed to allow for multiple wide walkways in each bank of lanes. The GG200 Plus maintains all the enhanced functionality of the GG200 including optional 70.9" high barriers & locking barriers. The timeless design with new processing power and Ethernet connectivity puts the GG200 Plus back on the cutting edge of turnstile products.

### Advanced intelligence

GG200 Plus is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glassgate 200 Plus knows how many people to admit and in which direction of travel. Any unexpected movements are instantly met with an audible and visual alarm and signals can be passed to your Access Control or CCTV system to acknowledge an alarm condition has occurred. Glassgate 200 Plus now features Fastlane Connect Ethernet communications for control, configuration and diagnostics.

### 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 environments

### User-friendly and safe

Fastlane Speedgates feature up to 32 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

Advanced technology for superior entry control

- Detects and deters tailgaters in very close proximity
- Class leading infrared detection systems



PINPOINT ACCURACY

Intelligence virtually eliminates false alarms

- Differentiates body mass from smaller objects
- Provides instant feedback of traffic flow and incidents



UNSURPASSED THROUGHPUT

Greater return on investment

- High processing speed reduces traffic build-up
- Door-like motion ensures quick user acceptance



SUPERIOR DESIGN

Refined, elegant designs accentuate lobby

- Glass barriers provide secure and welcome entry
- Barriers open flush with the pedestal, minimizing footprint



FIELD-PROVEN RELIABILITY

Uptime and long lifetime improve bottom line

- Fewer failures mean lower repair costs
- Online diagnostics and support packages

## Materials

- Barriers:
  - .39" Toughened Safety Glass EN12150
  - .47" Toughened/Laminated for 70.9" tall option EN12150 / EN14449
- 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 elliptical 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 allows for wheelchair or cart access. Audio/Visual feedback is standard.

## Options/Accessories

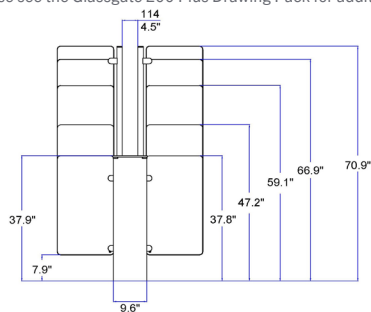
- Fastlane Technical Services
- Fastlane Floor Protector
- Fastlane Infill System
- Multiple desktop controls - IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- Locking Barriers
- Icon Status Display

Please see Fastlane accessories data sheets for additional details.

## Fastlane Glassgate 200 Plus dimensions

(standard, rounded ends, single turnstile)

Please see the Glassgate 200 Plus Drawing Pack for additional details.



### FASTLANE GLASSGATE 200 PLUS TECHNICAL SPECIFICATIONS

#### Pedestal dimensions (standard and ADA)

- Height: 37.9" (965 mm)
- Width: 9.9" (251 mm)
- Length: 58.9" (1,496 mm)

#### Lane Width

- Standard lane: 26" (660 mm)
- ADA lane: 36" (914 mm)

#### Barrier glass dimensions

- Height from floor: 47.2" (1,200 mm) Std.
- 37.8" (961 mm)
- 59.1" (1,500 mm)
- 66.9" (1,700 mm)
- 70.9" (1,800 mm) available with upper shaft

#### Barrier Breakaway Force

- 60N (6.1 kg) nominal
- Available locking barriers 300 N (30 kg)

#### 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 push button)
- Fire panel integration- Opto-coupled Input 12-24 V DC @ 25mA nominal

#### Opening time

- 1 second minimum (std. lane)

#### Operating modes

- Card in/card out
- Card entry/free exit
- Free entry/card out
- Free entry/free exit

#### 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)

#### Throughput\*

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

#### Power requirements

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

#### Display

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

#### Tailgate detection distance

- 1/4" (5 mm) minimum

#### Reliability

- 5,000,000+ cycles\*

#### Ethernet connection

- RJ45 TCP/IP port

#### Audible indicators

- Single tone sounder: card authorization and turnstile obstructions
- 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

\* Expected time to pass through turnstile.

\* In normal use, 5,000,000 cycles of operation is expected before electromechanical subassemblies may require replacement as part of an approved preventative maintenance program.

\* Fastlane logo present on left-most pedestal base. Removal available upon request.

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