Barrier turnstiles

Fastlane® Glassgate 300

BARRIER TYPE

GLASS | ARM | OPTICAL

FOOTPRINT

A Design for the Times

Fastlane Glassgate 300 has a strikingly unique design with a minimal frame, glass sides, and 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.

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 300 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

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

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

- Gates and side panels: toughened glass (to EN 14179 /ANSI 97.1); full-height and locking gates are also laminated
- Post and base panels: 304 stainless steel with a satin polish; base top is Corian® Deep Black Quartz
- Tops: 304 stainless steel with Corian Deep Black Quartz ends and centers
- Beam windows: black polycarbonate

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
- Pressue Sensor tops

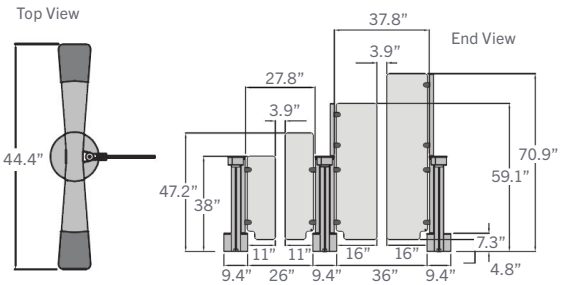
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Glassgate 300 dimensions

(standard, single turnstile)

Please see the Glassgate 300 Drawing Pack for additional details.



FASTLANE GLASSGATE 300 TECHNICAL SPECIFICATIONS

Pedestal Dimensions (standard and ADA)

- Height: 38" (965 mm)
- Width: 9.4" (240 mm)
- Length: 44.4" (1,128 mm)

Barrier Glass Dimensions

- Height from floor: 38" (965 mm)
- Std. height: 47.2"(1,200 mm)
- Intermediate height: 59" (1,500 mm)
- Full height: 70.9" (1,800 mm)
- Std. width: 11" (279 mm)
- ADA width: 16.0" (407 mm)

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- Optocoupled Input 12-24 V DC @ 25mA nominal

Lane Width

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

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*

Certifications (power supply only)

- UL 60950-1; 2nd edition
- CSA C22.2 No. 60950-1-07, second edition

Audible Indicators

- Single tone sounder: card authorization and turnstile obstructions
- Multi-tone variable volume sounder: alarm condition

Ethernet Connection

- RJ45 TCP/IP port

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

Smarter Security
More intelligent. More secure.

www.smartersecurity.com | 800.943.0043

With thousands of systems installed on six continents, Fastlane is a world leader in elegant and intelligent optical turnstiles.

Manufactured by Integrated Design Limited. Fastlane is a registered trademark of IDL, 1995.