



## Elegant and Discreet

Fastlane Glassgate 150 is a compact optical turnstile with sleek pedestal-height barriers. It streamlines 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.

### 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 features a 32 beam high resolution infrared matrix 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.

Barrier turnstiles

# Fastlane® Glassgate 150

BARRIER TYPE

FOOTPRINT

GLASS

ARM

OPTICAL



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

- Tops: 304 stainless steel with Corian® Deep Black Quartz ends
- Side panels and end caps: 304 stainless steel with a horizontal grain
- Barriers: .39" Toughened Safety Glass EN12150 / ANSI Z97.1
- Beam windows: Perspex® 962

Fastlane Glassgate 150 comes standard with elliptical 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
- Icon Status Display
- Pressure Sensor Tops
- Available UL 2593 certification upon request

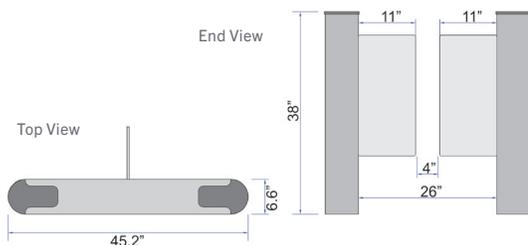
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Glassgate 150 dimensions

(standard, single turnstile)

Please see the Glassgate 150 Drawing Pack for additional details.



FASTLANE TURNSTILES: GLASS BARRIER

- GG150
- GG155
- GG200
- GG250
- GG300
- GG400
- GLASSWING

FASTLANE GLASSGATE 150 TECHNICAL SPECIFICATIONS

<p><b>Pedestal dimensions (standard and ADA)</b></p> <ul style="list-style-type: none"> <li>■ Height: 38" (965 mm)</li> <li>■ Width: 6.6" (166 mm)</li> <li>■ Length: 45.2" (1,148 mm)</li> </ul> <p><b>Center Glass Panel Material</b></p> <ul style="list-style-type: none"> <li>■ .39" (10mm) Toughened Safety Glass (Heat Soaked) EN14179 / ANSI Z97.1</li> </ul>	<p><b>Barrier glass dimensions</b></p> <ul style="list-style-type: none"> <li>■ Height from floor: 33.3" (847 mm)</li> <li>■ Std. width: 11" (279 mm)</li> <li>■ ADA width: 15.7 (399 mm)</li> </ul> <p><b>Barrier breakaway force</b></p> <ul style="list-style-type: none"> <li>■ 40N (4.1 kg) nominal</li> </ul>	<p><b>Inputs from Access Control</b></p> <ul style="list-style-type: none"> <li>■ Require voltage-free switching (current sense 1 mA typical)</li> <li>■ Entry request (normally open closing for &lt; 1 second)</li> <li>■ Exit request (normally open closing for &lt; 1 second)</li> <li>■ Visitor access in &amp; out (normally open momentary push button)</li> <li>■ Fire panel integration- Optocoupled Input 12-24 V DC @ 25mA nominal</li> </ul>
<p><b>Lane width</b></p> <ul style="list-style-type: none"> <li>■ Std. lane: 26" (660 mm)</li> <li>■ ADA lane: 36" (914 mm)</li> </ul>	<p><b>Operating modes</b></p> <ul style="list-style-type: none"> <li>■ Card in/card out</li> <li>■ Card entry/free exit</li> <li>■ Free entry/card out</li> <li>■ Free entry/free exit</li> </ul>	<p><b>Outputs to Access System</b></p> <ul style="list-style-type: none"> <li>■ Voltage free relay contacts rated 0.5A, 28 V DC for output to system</li> <li>■ Lane entered (NC)</li> <li>■ Lane exited Exit (NC)</li> <li>■ Alarm 1 (NC, opening for 1s)</li> <li>■ Alarm 2 (NC, opening for 1s)</li> </ul>
<p><b>Throughput*</b></p> <ul style="list-style-type: none"> <li>■ 1 person / second maximum (subject to response time of access control system)</li> </ul>	<p><b>Power requirements</b></p> <ul style="list-style-type: none"> <li>■ Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz</li> <li>■ Output: 24 V DC, 60 W, 1.25 A</li> </ul>	<p><b>Display</b></p> <ul style="list-style-type: none"> <li>■ Tri-color end of turnstile indicators: red, white, green</li> </ul>
<p><b>Tailgate detection distance</b></p> <ul style="list-style-type: none"> <li>■ 1/4" (5 mm) minimum</li> </ul>	<p><b>Reliability</b></p> <ul style="list-style-type: none"> <li>■ 5,000,000+ cycles*</li> </ul>	<p><b>Certifications (power supply only)</b></p> <ul style="list-style-type: none"> <li>■ UL 60950-1</li> <li>■ CSA C22.2 No. 60950-1-07, second edition</li> </ul>
<p><b>Audible indicators</b></p> <ul style="list-style-type: none"> <li>■ Single tone sounder: card authorization and turnstile obstructions</li> <li>■ Multi-tone variable volume sounder: alarm condition</li> </ul>	<p><b>Ethernet connection</b></p> <ul style="list-style-type: none"> <li>■ RJ45 TCP/IP port</li> </ul>	<p><b>Optics</b></p> <ul style="list-style-type: none"> <li>■ Optical turnstile - pulsed multi-infrared beam array, synchronized for detection and safety</li> <li>■ Environmentally hardened to avoid sunlight interference</li> </ul>

\* 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.



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.

