

Streamlined Entrance Control

Introducing the Fastlane Glassgate 150 Plus - the perfect solution for stylish entrance control across various industries. With its sleek design inspired by the widely popular Fastlane Glassgate 150, the Plus boasts a windowless beam matrix equipped with cutting-edge electronic processing, allowing for remote control and diagnostics through a standard web browser. This state-of-the-art entrance control system maintains all the trusted features of the Fastlane range while uniquely providing the added flexibility for wider 39.4" lanes where desired.

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 feature a 20 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 Plus

BARRIER TYPE

FOOTPRINT

GLASS

ARM

OPTICAL



HIGH SECURITY



PINPOINT ACCURACY



UNSURPASSED THROUGHPUT



SUPERIOR DESIGN



FIELD-PROVEN RELIABILITY

Advanced technology for superior entry control

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

Intelligence virtually eliminates false alarms

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

Greater return on investment

- High processing speed can reduce investment and traffic build-up
- Door-like motion ensures quick user acceptance

Refined, elegant designs accentuate lobby

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

Uptime and long lifetime improve bottom line

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

Materials

- Barriers: 10mm Toughened Safety Glass EN12150
- Side panels and end caps: Stainless steel 304, 240 grit (satin no.4), horizontal grain
- 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
- Available UL 2593 certification upon request

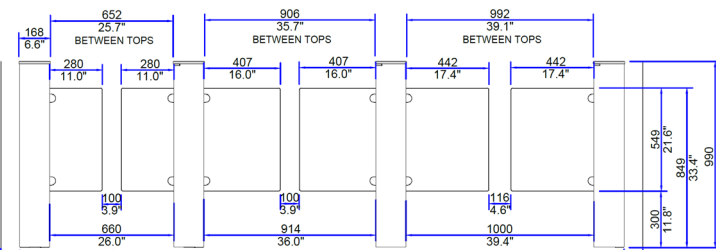
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Glassgate 150 Plus dimensions

(standard, single turnstile)

Please see the Glassgate 150 Plus Drawing Pack for additional details.



FASTLANE GLASSGATE 150 PLUS TECHNICAL SPECIFICATIONS

GG400 PLUS	GG250 PLUS	GG200 PLUS	GG150 PLUS
Pedestal dimensions (standard and ADA)			
<ul style="list-style-type: none"> Height: 39" (990 mm) Width: 6.6" (168 mm) Length: 48.6" (1,234 mm) 			
Center Glass Panel Material			
<ul style="list-style-type: none"> .39" (10mm) Toughened Safety Glass EN12150 			
Barrier glass dimensions		Inputs from Access Control	
<ul style="list-style-type: none"> Height from floor: 33.4" (849 mm) Std. width: 11" (279 mm) ADA width: 15.7 (399 mm) 		<ul style="list-style-type: none"> 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 Input12-24Vdc @ 25mA nominal 	
Barrier breakaway force		Outputs to Access System	
<ul style="list-style-type: none"> 60N (measured at 285mm from the shaft axis) 		<ul style="list-style-type: none"> 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) 	
Lane width		Operating modes	
<ul style="list-style-type: none"> Std. lane: 26" (660 mm) ADA lane: 36" (914 mm) Wider lane: 39.4" (1000 mm) 		<ul style="list-style-type: none"> Card in/card out Card entry/free exit Free entry/card out Free entry/free exit 	
Throughput*		Power requirements	
<ul style="list-style-type: none"> 1 person / second maximum (subject to response time of access control system) 		<ul style="list-style-type: none"> Input: 100-240Vac, 60/50Hz, 5A fused spur connection Output: 24 V DC, 60 W, 1.25 A 	
Tailgate detection distance		Reliability	
<ul style="list-style-type: none"> 1/4" (5 mm) minimum 		<ul style="list-style-type: none"> 5,000,000+ cycles* 	
Audible indicators		Ethernet connection	
<ul style="list-style-type: none"> 75 – 100 dB (93dB at 1 metre) 		<ul style="list-style-type: none"> RJ45 TCP/IP port 	
Display		Certifications (power supply only)	
<ul style="list-style-type: none"> RGB LED diffused through 10mm high clear frosted acrylic 		<ul style="list-style-type: none"> UL 60950-1 CSA C22.2 No. 60950-1-07, second edition 	
Energy consumption per lane			
<ul style="list-style-type: none"> 421kW hours per annum 			

* 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.

Continuous improvements, specifications are subject to change without prior notice.



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24/7 Technical Support

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

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