

Speedgates

Fastlane Glassgate® 400

Glassgate models

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

Elegance and intelligence, defined

Fastlane Glassgate 400 is an optical turnstile with tall, force-resistant barriers to impede intruders. 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.

COST \$\$\$\$\$	BARRIER TYPE GLASS ARM OPTICAL	FOOTPRINT 
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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 400 features Fastlane Connect™, a TCP/IP communication and control system that enables Web-based lane control from any PC, tablet, or smartphone.

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 400 barriers are difficult to push through and a locking barrier is an option. This increases security by delaying or stopping aggressive intruders. 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

Glassgate barriers have variable torque and speed settings to tailor the units to specific applications. Barriers automatically:

- > Slow to a crawl to avoid contact when safety beams sense an object in the way
- > Break away in either direction to minimize injury or damage

Optionally, barriers can be configured to open in the exit direction upon fire alarm or power outage.



High security

Advanced technology for superior access control

- > Detects tailgaters following behind authorized personnel
- > Glass barriers are a visual and physical deterrent



Pinpoint accuracy

Intelligence virtually eliminates false alarms

- > Differentiates body mass from smaller objects
- > Increases acceptance, avoiding guard tune out



Fastest entry

Greater return on investment

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



Unsurpassed elegance

Refined, slim 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
- > Minimizes need for extra guards

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Materials

- > Gates: toughened glass (conforms to EN 12150 and EN 12600); full-height gates are laminated glass (conforms to EN12150)
- > Frame and end caps: 304 stainless steel with a satin polish
- > Tops: Black Quartz Corian®
- > 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 and wider glass allows for wheelchair or cart access. Audio/Visual feedback is standard.

Options/Accessories

- > Locking barriers
- > Fastlane Technical Services
- > Fastlane Floor Protector
- > Fastlane Infill System
- > Fastlane Remote Control
- > FastScan™ Tenant/Visitor System
- > Multiple reader mounting options

Please see Fastlane accessories data sheets for additional details.

Technical specifications

Pedestal dimensions (standard and ADA)

- > Height: 41.8" (1,063 mm)
- > Width: 8.5" (218 mm)
- > Length: 55.4" (1,408 mm)

Barrier glass dimensions

- > Full height (from floor): 70.9" (1,800 mm)
- > Standard height: 59.1" (1,500 mm)
- > Intermediate height: 47.2" (1,200 mm)
- > Pedestal-level height: 41.8" (1,061 mm)
- > Standard width: 11" (280 mm)
- > Wide width: 16" (407 mm)

Lane width

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

Opening/closing time

- > 2 second minimum

Speed of throughput

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

Tailgate detection distance

- > 1/4 inches (5 mm) minimum

Display

- > End of lane indicators

Barrier glass breakaway force

- > 120 N (12 kg) nominal

Sounders

- > Single tone sounder: card authorization

Optics

- > Optical turnstile - pulsed multi-infrared beam array, synchronized for detection
- > Barrier safety - pulsed multi-infrared beam array
- > Environmentally hardened to avoid sunlight interference

Operating modes

- > Card in/card out
- > Card entry/free exit
- > Free entry/card out
- > Free entry/free exit
- > No entry/no exit
- > Auto entry/no exit

Power requirements

- > Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz
- > Output: 24 V DC, 2 amp peak current

Inputs

- > 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 (normally open momentary pushbutton)

Outputs

Voltage free relay contacts rated 0.5A, 28 V DC in two groups for the following functions:

Output to system

- > Entry (normally closed)
- > Exit (normally closed)
- > Alarm / barrier glass forced alarm (normally closed)

Flow control and alarm outputs

- > Ready for entry (normally closed, normally open, common poles)
- > Ready for exit (normally closed, normally open, common poles)
- > Remote alarm (normally open)

Certifications (power supply only)

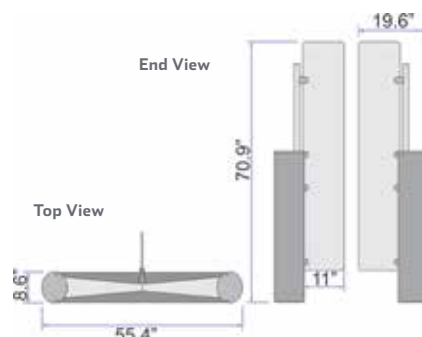
- > UL 60950-1, 2nd edition
- > CSA C22.2 No. 60950-1-07, 2nd edition

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

Details

Glassgate 400 dimensions (standard, elliptical ends, single lane)

Please see the Glassgate 400 Drawing Pack for additional details.



With thousands of systems installed on 6 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.

