Speedgates

Fastlane Glassgate® 200

Glassgate models

| 150 | 200 | 250 | 300 | 400 |

Elegance and intelligence, defined

Fastlane Glassgate™ 200 is a compact optical turnstile with sleek 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.

COST	BARRIER TYPE			FOOTPRINT
$$$$$	GLASS	ARM	OPTICAL	

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 ¼" apart. Inherently more secure, this technology also enables the fastest entry and minimizes false alarms.

IP enabled

Glassgate 200 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 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	Pinpoint accuracy	Fastest entry	Unsurpassed elegance	Field-proven reliability
Advanced technology for superior access control	**Intelligence virtually eliminates false alarms**	**Greater return on investment**	**Refined, slim designs accentuate lobby**	**Uptime and long lifetime improve bottom line**
> Detects tailgaters following behind authorized personnel	> Differentiates body mass from smaller objects	> High processing speed reduces traffic build-up	> Glass barriers provide secure and welcome entry	> Fewer failures mean lower repair costs
> Glass barriers are a visual and physical deterrent	> Increases acceptance, avoiding guard tune out	> Door-like motion ensures quick user acceptance	> Barriers open flush with the pedestal, minimizing footprint	> Minimizes need for extra guards

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Materials

❯ Gates: toughened glass (to BS 2606)
❯ Side panels and end caps: 304 stainless steel with a satin polish
❯ Tops: 304 stainless steel with Black Quartz Corian® ends
❯ Beam windows: Perspex® 962

In addition to a choice between rounded 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

❯ 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: 38" (965 mm)
❯ Width: 6.6" (168 mm)
❯ Length: 55.5" (1,410 mm)
❯ Weight: 187 lbs (85 kg)

Barrier glass dimensions
❯ Height from floor: 47.4" (1,204 mm) standard
❯ 37.8" (959 mm) and 60.2" (1,529 mm) available
❯ Standard width: 18.8" (477 mm)
❯ ADA width: 16.2" (411 mm)

Lane width
❯ Standard lane: 23.3" (592 mm)
❯ ADA lane: 35.7" (906 mm)

Opening time
❯ 1.2 seconds minimum (std. lane)

Speed of throughput
❯ 1 person / 2 second nominal
❯ 1 person / second maximum (subject to response time of access control system)

Tailgate detection distance
❯ 1/4 inch (5 mm) minimum

Barrier glass breakaway force
❯ 1 N (10 kg) nominal

Display
❯ Tri-color end of lane indicators: red, white, green

Sounders
❯ Single tone sounder: card authorization
❯ Multi-tone variable volume sounder: alarm condition

Optics
❯ Optical turnstile - pulsed multi-infrared beam matrix, 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, 60 W, 2.5 A

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)

Ethernet Connection
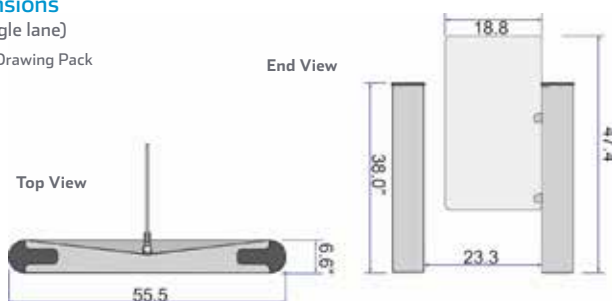❯ RJ45 TCP/IP port

Certifications (power supply only)
❯ UL 60950-1, 2nd edition
❯ CSA C22.2 No. 60950-1-07, 2nd edition

Details

Glassgate 200 dimensions
(standard, round ends, single lane)
Please see the Glassgate 200 Drawing Pack for additional details.

End View

Top View

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.