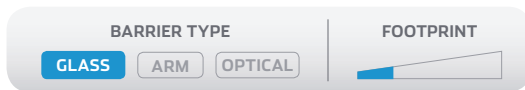




Elegance in basic entry control

Fastlane Passgate is a bidirectional motorized access gate. It allows passage for all authorized users—especially those with packages, carts, or reduced mobility—while complementing the aesthetics of Fastlane optical turnstiles.



Operation

Passgate is designed to be a physical deterrent to unauthorized access under supervision of reception or security staff. It opens to allow passage upon command from the guard desk via a pushbutton or after a user presents proper authorization.

The glass barrier swings open in the direction of travel. The barrier then either:

- Remains open for a configurable period of time between 1 and 20 seconds to allow one or more individuals to pass through
- Stays open until security staff remotely closes the gate, allowing any amount of people to walk through in either direction

In the event the barrier is forced open, local visual and audible alarms activate and an additional alarm can be output to the access control system.

User-friendly and safe

The Passgate barrier automatically breaks away in either direction to minimize injury or damage.

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



Speedgates

Fastlane Passgate

Applications

Passgate is often used alongside Fastlane optical turnstiles. Typical applications include high-rise building lobbies, corporate offices, financial institutions, and government facilities.

Materials

- Gate: toughened glass (to BS 2606)
- Pedestal: 304 stainless steel
- Top: 304 stainless steel

A variety of premium and custom options are available to ensure Fastlane complements building aesthetics.

Disabled access

Passgate is compliant with ADA as well as most international standards. Audio/Visual feedback is standard.

Options/Accessories

- Fastlane Technical Services
- Fastlane Floor Protector
- Fastlane Infill System
- Fastlane Remote Control
- FastScan™ Tenant/Visitor System
- Reader mounting post

Please see Fastlane accessories data sheets for additional details.

Technical specifications

Pedestal dimensions (standard and ADA)

- Height: 38.2" (970 mm)
- Width: 6.4" (162 mm)
- Length: 6.4" (162 mm)

Weights

- Pedestal: 44 lbs (20 kg)
- Standard glass: 10 lbs (4.5 kg)

Lane width

- Standard glass lane: 39.4" (1,000 mm)

Opening time

- 2 or 5 seconds depending on width of gates

Throughput*

- 1 person / second after gates are open (subject to response time of access control system)

Display

- Tri-color LED display indicating direction of passage

Sounders

- Single tone sounder: card authorization and turnstile obstruction

Optics

- Pulsed multi-infrared beams

Operating modes

- Card in/card out
- Card entry/push button exit
- Push button entry/card out
- Push button entry/push button exit

Power requirements

- Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz
- Output: 24 V DC, 60 W, 2 A

Reliability

- 5,000,000+ cycles*

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)
- Fire panel integration-Opto-coupled Input 12-24 Vdc @ 25mA nomina

Output to Access Control

- Voltage free relay contacts rated 0.5A, 28 V DC for output to system
- Alarm (NC)

Certifications (power supply only)

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

* Expected time to pass through turnstile.

* In normal use, 5,000,000 cycles of operation is expected before electromechanical sub-assemblies may require replacement as part of an approved preventative maintenance program.

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

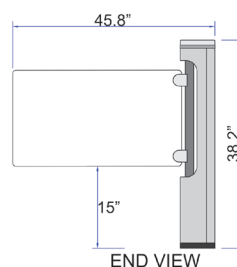
Details

Passgate dimensions (standard)

Please see the Passgate Drawing Pack for additional details.

TOP VIEW

Ø6.4"



END 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.

