Speedgates

Fastlane®
Passgate 300

BARRIER TYPE			FOOTPRINT
GLASS	ARM	OPTICAL	

Single Barrier with Versatility

A new take on a classic, the Passgate 300 unit is a single pedestal, single barrier gate available in multiple heights and widths to suit a wide range of applications. Utilizing the proven GG300 engine the new Passgate is designed as an accessory to the hugely successful Fastlane Turnstile range. Conceived for use as an occasional lane for deliveries and oversized objects that may not fit through our standard range.

IP enabled

Passgate 300 features Fastlane Connect™, a TCP/IP communication and control system that enables Web-based turnstile control from any PC, tablet, smartphone, or from Fastlane's Multilane Controller.

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 pusbutton 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.

HIGH SECURITY

Advanced technology for superior entry control

- Barriers are a visual and physical deterrent

PINPOINT ACCURACY

Intelligence virtually eliminates false alarms

- Occasional gate for use with wheelchairs, groups or deliveries

FEATURES

Greater return on investment

- Quick and safe action
- Door-like motion ensures quick user acceptance

SUPERIOR DESIGN

Refined, slim designs accentuate lobby

- Glass barrier provides secure and welcome entry
- Barrier opens 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

Applications

Passgate 300 is often used alongside Fastlane optical turnstiles. Typical applications include high-rise building lobbies, corporate offices, financial institutions, and government facilities.

Materials

- Barriers:
  .39" Toughened Safety Glass EN12150
  .47" Toughened/Laminated for locking/tall options EN12150 / EN14449
- Pedestals: 304 stainless steel
- Top: Corian® Deep-Black Quartz

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

Disabled access

Passgate 300 is compliant with ADA as well as most international standards. Audio/Visual feedback is standard.
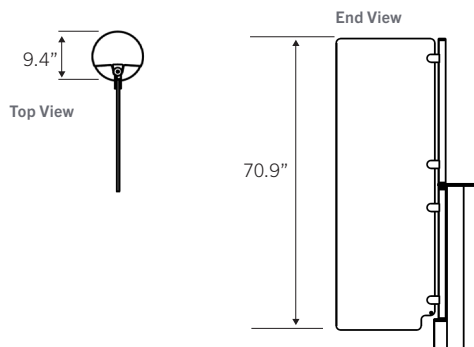
Options/Accessories

- Fastlane Technical Services
- Fastlane Floor Protector
- Fastlane Infill System
- Fastlane Remote Control
- Multiple desktop controls - IP or Analog
- FastScan™
- Locking barriers
- Reader mounting post

Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Passgate 300 dimensions
(single gate)

Please see the Fastlane Passgate 300 Drawing Pack for additional details.

9.4"

Top View

End View

70.9"

FASTLANE PASSGATE 300 TECHNICAL SPECIFICATIONS

Pedestal dimensions (standard and ADA)

- Height: 38" (965 mm)
- Diameter: 9.4" (240 mm)

Weights

- Pedestal: 52.9 lbs (24 kg)
- Standard glass: 39.7 lbs (18 kg) per panel

Barrier height- 4 options

- 70.9" (1,800 mm)
- 59.1 (1,500 mm)
- 47.2 (1,200 mm)
- 38" (965 mm)

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)
- Visitor access in & out (normally open momentary push button)
- Fire panel integration- Optocoupled Input 12-24 V DC @ 25mA nomina

Lane width

- Standard glass lane: 23.6" (600 mm)
- 27.5" (700 mm)
- 39.3" (27.5 mm)

Operating modes

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

Outputs to Access System

- Voltage free relay contacts rated 0.5A, 28 V DC for output to system
- Alarm 1 (NC, opening for 1s)

Opening/ closing time

- 2 to 6 seconds (subject to barrier size)

Power requirements

- Input: 100-240 Vac, 50-60 Hz, 1500 mA
- Output: 24 V DC, 60 W, 1.25 A

Display

- RGB LED diffused through .39" high clear frosted acrylic

Barrier breakaway force

- 60 N (6.1 kg) nominal
- Locking Brake: 300 N (30.6 kg) nominal

Reliability

- 5,000,000+ cycles*

Certifications (power supply only)

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

Audible indicators

- Single tone sounder: card authorization and turnstile obstruction

Ethernet connection

- TCP/IP port

* 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.

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