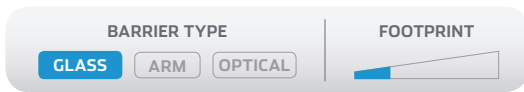Speedgates

# Fastlane® Intelligate 300

## Elegance and intelligence, defined

Fastlane Intelligate 300 is a bi-directional, motorized access gate that includes unique tailgate detection. It allows passage for all authorized users - especially those with packages or reduced mobility - while using Fastlane optical technology to detect unauthorized access or directional violations.

| BARRIER TYPE | FOOTPRINT |
|---|---|
| GLASS ARM OPTICAL | |

### Advanced intelligence

Unlike typical pass gates, Intelligate 300 is an incredibly intelligent computer. An infrared-beam matrix engineered with microprocessors monitors pedestrian movement with pinpoint accuracy, detecting tailgaters and unauthorized users. Inherently more secure, this technology also yields the fastest entry and minimizes false alarms.

### IP enabled

Intelligate 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

Intelligate 300 is designed to ensure only one person gains access for each authorization granted. The glass barriers swing away from an authorized user. Barriers then either:

- Close behind the authorized person to deter tailgaters
- Stay open for immediate additional authorized users passing in either direction

Intelligate 300 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.
- Optional locking brake for more secure enviroments

### User-friendly and safe

Intelligate 300 barriers automatically:

- Slow to a crawl when safety beams sense an object in the way
- Break away in either direction to minimize injury or damage
- Forced egress mode

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

| High security | Pinpoint accuracy | Unsurpassed throughput | Superior design | Field-proven reliablity |
|---|---|---|---|---|
| Advanced technology for superior entry 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 | • Small pedestals - only 9.4 inches in diameter | • Minimizes need for extra security officers |

Speedgates

Intelligate and Passgate models

# Fastlane Intelligate 300

| Intelligate 300 | Intelligate | Passgate | Passgate 300 |

## Applications

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

## Materials

- Gates: toughened glass EN 14179 / ANSI Z97.1
- Pedestals: 304 stainless steel
- Beam windows: Perspex® 962
- Tops: Corian® Deep-Black Quartz

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

## Visitor management

Intelligate 300 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

Intelligate 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
- Multiple desktop controls- IP or Analog
- FastScan™ Tenant/Visitor System
- Locking Barriers
- Reader mounting post

Please see Fastlane accessories data sheets for additional details.

## Technical specifications

### Pedestal dimensions (standard and ADA)
- Height: 38.0" (965 mm)
- Diameter: 9.4" (240 mm)

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

### Lane width
- Standard glass lane: 39.3" (1,000 mm)
- 47.2" (1200 mm)
- 55.1" (1400 mm)

### Barrier Height- 4 Options
- 70.9" (1800 mm)
- 59.1 (1500 mm)
- 47.2 (1200 mm)
- 38" (965 mm)

### Opening/closing time
- 1 second

### Throughput*
- 1 person per second (subject to response time of access control system)

### Tailgate detection distance
- 0.39" / 10 mm

### Barrier glass breakaway force
- 60 N (6.1 kg) nominal

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

### Sounders
- Single tone sounder: card authorization and turnstile obstruction
- Multi-tone variable volume sounder: alarm condition

### Optics
- Optical turnstile - pulsed multi-infrared beam array, synchronized for detection and safety
- Environmentally hardened to avoid sunlight interference

### Operating modes
- Card in/card out
- Card entry/push-button exit
- Push-button entry/card out
- Push-button entry/push-button exit

### Ethernet Connection
- TCP/IP port

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

### Reliability
- 5,000,000+ cylces*

### 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- Opto-coupled Input12-24Vdc @ 25mA nomina

### Outputs to Access System
- 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)

### Certifications (power supply only)
- UL 60950-1
- CSA C22.2 No. 60950-1-07, 2nd edition
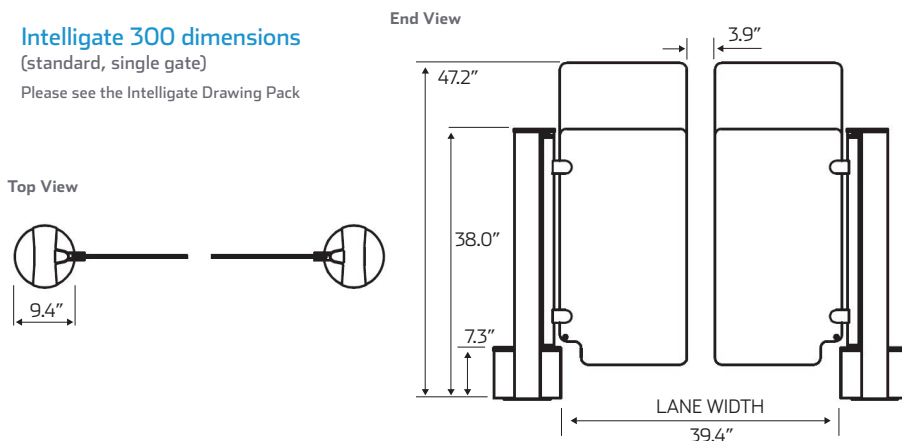
* Expected time to pass through turnstile.

* In normal use, 5,000,000 cycles of operation is expected before electromechanical subas-semblies may require replace-ment as part of an approved preventative maintenance program.

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

## Details

### Intelligate 300 dimensions
(standard, single gate)

Please see the Intelligate Drawing Pack

**Top View**

9.4"

**End View**

47.2"

3.9"

38.0"

7.3"

LANE WIDTH

39.4"

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.

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