Speedgates

Fastlane®
Intelligate

BARRIER TYPE		FOOTPRINT
GLASS ARM OPTICAL		

Elegance in Basic Entry Control

Fastlane Intelligate is a bidirectional motorizedaccess gate that uniquely includes 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 direction violations.

Advanced intelligence

Unlike typical pass gates, Intelligate 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.

Operation

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

Intelligate 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

The Intelligate barriers automatically:

- Slow to a crawl when safety beams sense an object in the way
- Breakaway 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 entry control

- Detects tailgaters following behind authorized personnel
- Beam matrix profiles entire lane

PINPOINT ACCURACY

Intelligence virtually eliminates false alarms

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

UNSURPASSED THROUGHPUT

Greater return on investment

- High processing speed reduces traffic build-up
- One person per second minimizes turnstiles required

SUPERIOR DESIGN

Refined, slim designs accentuate lobby

- Glass barriers provide secure and welcome entry
- Very small footprint

FIELD-PROVEN RELIABILITY

Uptime and long lifetime improve bottom line

- Fewer failures mean lower repair costs
- Minimizes need for extra guards

Applications

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

Materials

- Barriers: 10mm Toughened Safety Glass EN12150
- Pedestals: 304 stainless steel
- Beam windows: Perspex® 962

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

Visitor management

Intelligate features an optional visitor management input. When activated, unlimited access is allowed for a designated period, after which the system eturns to its secure state.

Disabled access

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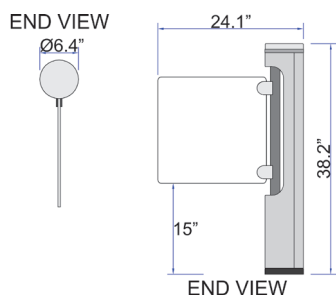
Options/Accessories

- 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.

DETAILS

Fastlane Intelligate dimensions
(standard)

Please see the Fastlane Intelligate Drawing Pack for additional details.

FASTLANE INTELLIGATE TECHNICAL SPECIFICATIONS

Pedestal dimensions (standard and ADA)	Barrier height	Inputs from Access Control
• Height: 38.2" (970 mm) • Width: 6.4" (162 mm) • Length: 6.4" (162 mm)	• 32.3" (820 mm) **Barrier Breakaway Force** • 60N (6.1 kg) nominal	• 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)
Weights • Pedestal: 44 lbs (20 kg) • Standard glass: 10 lbs(4.5 kg)		

Lane width	Operating modes	Outputs to Access System
• Standard glass lane: 39.4" (1,000 mm) • Lane widths up to 63"(1.6mm) possible	• Card in/card out • Card entry/push-button exit • Push-button entry/card out • Push-button entry/push-button exit	• Alarm relay C NC NO contacts
Opening time • 2 or 5 seconds depending on width of gates		

Throughput*	Power requirements	Display
• 1 person / second after gates are open (subject to response time of access control system)	• Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz • Output: 24 V DC, 60 W, 2 A	• Tri-color LED display indicating direction of passage

Tailgate detection distance	Reliability	Certifications (power supply only)
• 0.39" / 10 mm	• 5,000,000+ cycles*	• UL 60950-1, 2nd edition • CSA C22.2 No. 60950-1-07, 2nd edition

Audible indicators	Optics
• Single tone sounder: card authorization, alarm events (e.g. forced gate, unauthorized access	• Pulsed multi-infrared beams

* 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.

END VIEW
Ø6.4"

24.1"

38.2"

15"

END VIEW