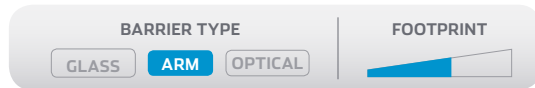


## Elegance and intelligence, defined

Designed to specific customer requests, the all new Fastlane Plus 150 Swing Arm exceeds today's requirements for safety and security in a compact unit. Quick in operation, unobtrusive in use but secure and efficient in processing people to provide the best entrance way possible.



### 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 1/4" apart. Inherently more secure, this technology also enables the fastest entry and minimizes false alarms.

### IP enabled

Fastlane Plus 150SA 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

150SA is designed to work in a normally closed mode, opening only after an access system approval. The barrier arms 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

150SA will automatically sound a local alarm if someone enters without authorization.

- > Efforts to push past the barrier will sound a second, louder alarm
- > A secondary relay can trigger CCTV, lock doors, or control elevators
- > Optional locking break for more secure environments

### User-friendly and safe

Fastlane Plus features multiple safety beams designed to stop the barrier arms from colliding with users. The units feature a Fire Alarm input to allow for safe, unimpeded emergency evacuation.



#### High security

Advanced technology for superior entry control

- > Detects tailgaters following behind authorized personnel
- > Aluminum barriers are a visual and physical deterrent



#### 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
- > Door-like motion ensures quick user acceptance



#### Superior design

Refined, slim designs accentuate lobby

- > Aluminum barriers provide secure and welcome entry
- > Barriers open flush with the pedestal, minimizing footprint



#### Field-proven reliability

Uptime and long lifetime improve bottom line

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

### Materials

- > Tops: 304 stainless steel with Corian® Deep Black Quartz ends
- > Center panels: toughened glass (to EN 14179 / ANSI 97.1)
- > Side panels and end caps: 304 stainless steel with a horizontal grain (240 grit)
- > Barrier Arms: Aluminium alloy arms with stainless steel shaft
- > Beam windows: Perspex® 962

Fastlane Plus 150SA comes standard with rounded 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
- > Multiple desktop controls- IP or Analog
- > FastScan™ Tenant/Visitor System
- > Multiple Reader Mounting Options
- > Icon Status Display

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: 45.2" (1,148 mm)

#### Barrier arms

- > Swinging, breakaway arms, self returning
- > Standard length: 11.0" (280 mm)
- > ADA length: 16.0" (407 mm)

#### Lane width

- > Standard lane: 25.7" (653 mm)
- > ADA lane: 35.7" (906 mm)

#### Opening time

- > 1 second maximum

#### Throughput\*

- > 1 person / second maximum (subject to response time of access control system)

#### Tailgate detection distance

- > 1/4 inches (5 mm) minimum

#### Aluminum barrier breakaway force

- > 30 N (3.1 kg) nominal

#### Display

- > Tri-color, LED end of pedestal indicators: red, white, green

#### 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/free exit
- > Free entry/card out
- > Free entry/free exit

#### Ethernet Connection

- > RJ45 TCP/IP port

#### Power requirements

- > Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz
- > Output: 24 V DC, 60 W, 1.25 A

#### 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 Input 12-24 Vdc @ 25mA nominal

#### 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 1-16s)
- > Alarm 2 (NC, opening for 1s)

#### Certifications

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

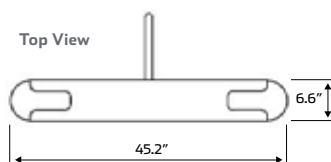
\* Expected time to pass through turnstile.

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

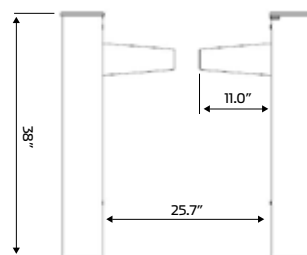
### Details

#### Fastlane Plus 150SA dimensions (standard, single turnstile)

Please see the Fastlane Plus 150SA Drawing Pack for additional details.



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.

