Barrier-free turnstiles

Fastlane® Compact

BARRIER TYPE			FOOTPRINT
GLASS	ARM	OPTICAL	

Streamlined Optical Detection

Fastlane Compact is the smallest Fastlane optical turnstile. It combines advanced optical technology with a streamlined pedestal to detect and alarm unauthorized access. With Fastlane, security has never looked so inviting.

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.

Operation

Compact is designed to operate in a normally secure mode, and:

- Allows access only after system approval
- Automatically sounds a local alarm if someone enters without authorization
- Has a secondary relay that can trigger CCTV, lock doors, or control elevators

User-friendly and safe

The absence of a physical barrier ensures fast throughput and unrestricted movement for all personnel, with safe disabled access and free emergency egress in the event of a fire alarm or power outage. Users are greeted by an intuitive interface, which automatically guides the user through the entry and exit procedure, ensuring fast easy access for authorized users.

HIGH SECURITY	PINPOINT ACCURACY	UNSURPASSED THROUGHPUT	SUPERIOR DESIGN	FIELD-PROVEN RELIABILITY
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
■ Class leading infrared detection systems	■ Differentiates body mass from smaller objects	■ High processing speed reduces traffic build-up	■ Barrier free for a clean un-obstructed look	■ Fewer failures mean lower repair costs
■ Detects and deters tailgaters in very close proximity	■ Provides instant feedback of traffic flow and incidents	■ No barrier to impede movement	■ Slim pedestal design minimizing footprint	■ Online diagnostics and support packages

Materials

- Tops: Corian® Deep Black Quartz

- Side panels and end caps: 304 stainless steel with a horizontal grain

- Beam windows: Perspex® 962

In addition to a choice between rounded or squared 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 allows for wheelchair or cart access. Audio/Visual feedback is standard.

Options/Accessories

- Fastlane Technical Services

- Fastlane Floor Protector

- Fastlane Infill System

- Fastlane Remote Control

- FastScan™ Tenant/Visitor System
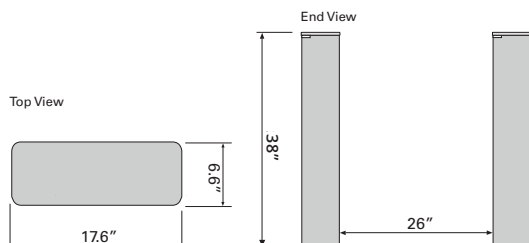
- Multiple Reader Mounting Options

Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Compact dimensions
(standard, square ends, single turnstile)

Please see the Fastlane Compact Drawing Pack for additional details.

Top View — 17.6", 6.9"
End View — 38", 26"

FASTLANE COMPACT TECHNICAL SPECIFICATIONS

Pedestal dimensions (standard and ADA)

- Height: 38.0" (965 mm)
- Width: 6.6" (168 mm)
- Length: 17.6" (446 mm)

Optics

- Pulsed multi-infrared beam array, synchronized for detection
- Environmentally hardened to avoid sunlight interference

Inputs from Access Control

- Require voltage-free contacts (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 Input12-24 V DC @25mA nomina

Lane width

- Standard lane: 26-36" (660-914 mm)
- ADA lane: 36" (914 mm)

Operating modes

- Card in/card out
- Card entry/free exit
- Free entry/card out
- Free entry/free exit

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)

Throughput*

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

Power requirements

- Input: 115 V AC, 60 Hz or 230 V AC, 50 Hz
- Output: 24 V DC, 0.5 A

Display

- Tri-color end-of-turnstile LED display

Tailgate detection distance

- 1/4 inch (5mm) minimum

Reliability

- 5,000,000+ cycles*

Certifications (power supply only)

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

Audible indicators

- Single tone sounder: card authorization/ alarmcondition
- Multi-tone variable volume sounder: alarm condition

Ethernet connection

- RJ45 TCP/IP Port

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* 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.