

Barrier-free turnstiles

Fastlane® Compact

Optical models

CS200 | CS 400 | 400 OT | **Compact**

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

At the core of every Fastlane, an infrared beam matrix is coupled with a custom-designed microprocessor equipped with neural network programming. Fastlane analyzes pedestrian movement with pinpoint accuracy—it is designed to detect tailgaters at just ¼ inch apart. Inherently more secure, this technology also yields the fastest throughput and highest alarm accuracy.

Operation

The 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.

COST \$ \$ \$ \$ \$	BARRIER TYPE GLASS ARM OPTICAL	FOOTPRINT 
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More secure

Unsurpassed detection and deterrence

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



Unsurpassed accuracy

Intelligence virtually eliminates false alarms

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



Fastest throughput

Greater return on investment

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



Elegant aesthetics

Architect-inspired design

- > Takes up less space – only 18 inches long
- > Lack of physical barrier provides welcome entry



Outstanding reliability

Maximum uptime improves bottom line

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

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Materials

- > Tops: Black Quartz Corian®
- > 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.

Technical specifications

Pedestal dimensions (standard and ADA)

- > Height: 37.7" (957 mm)
- > Width: 6.6" (168 mm)
- > Length: 17.6" (446 mm)
- > Weight: 46 lbs (21 kg)

Lane width

- > Standard lane: 19.6-28" (550-700 mm)
- > ADA lane: 33-39" (850-1,000 mm)

Speed of throughput

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

Tailgate detection distance

- > 1/4 inch (5mm) minimum

Display

- > Tri-color end-of-lane LED display

Sounders

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

Optics

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

Operating modes

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

Power requirements

- > Input: 100-240 V AC, 50-60Hz, 60VA
- > Output: 24 V DC, approx. 0.25 amp peak for Fastlane CPU

Inputs

- > 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 (normally open, momentary closing contact)

Outputs

Voltage free relay contacts rated 0.5A, 28 V DC in two groups for the following functions:

Output to system

- > Entry (normally closed, opening for 1 second)
- > Exit (normally closed, opening for 1 second)
- > Alarm (normally closed, opening for 1 second)

Flow control and alarm outputs

- > Ready for entry (normally closed, normally open, common poles)
- > Ready for exit (normally closed, normally open, common poles)
- > Remote Alarm (normally open)

Certifications (power supply only)

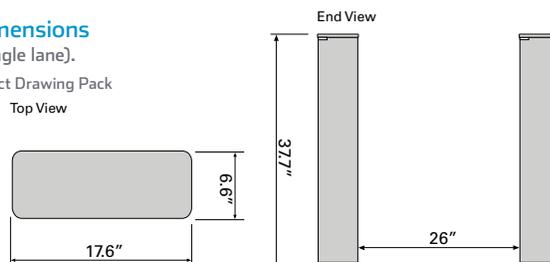
- > UL 60950-1, 2nd edition
- > CSA C22.2 No. 60950-1-07, 2nd edition

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

Details

Fastlane Compact dimensions (standard, square ends, single lane).

Please see the Fastlane Compact Drawing Pack for additional details.



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.

