



Fastlane® 400 OT

The Ultimate Combination of Intelligence and Elegance

Fastlane 400 OT™ is a mid-size optical turnstile. It combines the intelligence, speed, and tailgate superiority of Fastlane's optical technology with the aesthetic appeal of a streamlined pedestal to detect and alarm unauthorized access.

Operation

The 400 OT typically operates in a secure mode. With an access system approval, one person can pass through the lane in the approved direction without alarm. The 400 OT will automatically sound a local alarm to alert security staff if someone enters the lane without authorization. A secondary relay can optionally activate stricter security actions such as triggering CCTV, locking doors, or controlling elevators.

Unique among Fastlane optical turnstiles, the 400 OT includes anti-crawl beams as standard to provide optimal non-barrier security.



User-Friendly and Safe

Visitors and employees alike pass through the 400 OT with speed and confidence, enhancing user and guard acceptance. A user is greeted by an intuitive user interface, which automatically guides the person through the entry and exit procedure, ensuring fast, easy access for authorized users.

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.

ADVANCED INTELLIGENCE

Unlike others, Fastlanes are incredibly intelligent computers. At the heart of a Fastlane turnstile is an infrared beam matrix coupled with a custom-designed microprocessor featuring neural network programming. They monitor the movement of people with pinpoint accuracy, detecting tailgaters at just ¼ inch apart. Inherently more secure, the superior intelligence in this technology also yields faster throughput and increased alarm accuracy.

Key Benefits

More Secure

Unsurpassed detection and deterrence

- ▶ Detects tailgaters following as close as ¼" behind authorized personnel

Unsurpassed Accuracy

Intelligence virtually eliminates false alarms

- ▶ Differentiates body mass from smaller objects, such as umbrellas or many empty wheelchairs
- ▶ Increases user and guard acceptance, avoiding "tune out"

Fastest Throughput

Greater return on investment

- ▶ One person per second often means fewer lanes required, and less wasted time in lines

Most Streamlined

Architect-inspired solution

- ▶ Takes up less space... only 38 inches long.
- ▶ Wall mount turnstiles available for the tightest spacing applications

Easy to Install

Enhances your bottom line

- ▶ Cat 5 interconnections simplify installation
- ▶ Low voltage (24 V) reduces installation costs

Applications

Typical applications include high-rise buildings, corporate offices, financial institutions, and government facilities. The 400 OT perfectly complements the Fastlane Plus barrier arm models for applications with separate employee and public entrances.

Materials

The tops are either white-backed, clear glass or the same 304 stainless steel with a horizontal grain (240 grit) of which the side panels and end caps are made. The beam windows are made of Perspex 962. A variety of options is available to customize the units so they easily blend into the aesthetics of the building.

Pedestals come standard with (S)quared ends, but (R)ounded ends are available.

Visitor Management

Fastlane features a Visitor Management input. When activated by security personnel this can allow an individual, or group of individuals to pass through the lane in a supervised fashion, after which the system returns to its secure state.

Disabled Access

A wider lane using the same streamlined pedestals allows for wheelchair or cart access. This eliminates the need for costly, space-consuming, and aesthetically different passgates. Audio/Visual feedback is standard. Fastlane is compliant with ADA and most international standards.

Options/Accessories

- Fastlane Floor Protector
- Fastlane Infill System
- Fastlane Remote Control
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options

Please see the *Fastlane Accessories document* for additional details.

Technical Specifications

Pedestal Dimensions (standard and ADA):

Height: 38" (965 mm)
Width: 6.6" (166 mm)
Length: 38.3" (973 mm)

Lane Width:

Standard Lane: 23-28" (600-700 mm)
ADA Lane: 33-38" (850-960 mm)

Speed of Throughput:

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

Tailgate Detection Distance:

¼ inch (5 mm) minimum

Optics:

Pulsed multi-infrared beam array, synchronized for detection.

Display:

Tri-color LED display

Sounders:

Single Tone Sounder: Card Authorization
Multi-Tone Variable Volume Sounder: Alarm Condition

Certifications (power supply only):

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

Operating Modes:

- Bidirectional Card In/Card Out on Demand
- Bidirectional Card In/Free Exit
- Enter Only/Exit Only
- Lane Closed

Power Requirements:

Input: 100-240 V AC
Output: 24 V DC, 60 W, 2.5 A

Inputs:

Require voltage-free switching (current sense 1 mA typical)
Entry Request (NORMALLY OPEN)
Exit Request (NORMALLY OPEN)
Visitor Access (NORMALLY OPEN)

Outputs:

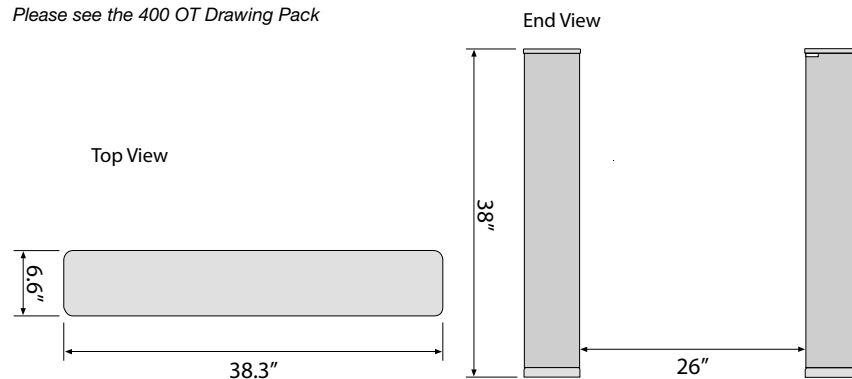
Voltage free relay contacts rated 0.5 A, 28 V DC in two groups for the following functions:

Output to System
Entry (NORMALLY CLOSED)
Exit (NORMALLY CLOSED)
Alarm (NORMALLY CLOSED)
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)

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

400 OT Dimensions (standard)

Please see the 400 OT Drawing Pack



Manufactured by
Integrated Design Limited.
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trademark of IDL, 1995.

With thousands of systems installed on 6 continents, Fastlane is a world leader in elegant and intelligent optical turnstiles.