Barrier-free turnstiles

Fastlane® Clearstyle 400

Optical models

| CS 200 | CS 400 | 400 OT | Compact |

Ideal for a museum gallery or lobby

Fastlane Clearstyle™ 400 is the world's most elegant optical turnstile. It combines advanced optical technology with the architect-inspired, minimalist appeal of a transparent pedestal to detect and alarm unauthorized access. With Fastlane, security has never looked so inviting.

COST	BARRIER TYPE			FOOTPRINT
$ $ $ $	GLASS	ARM	OPTICAL	

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 ¼" apart. Inherently more secure, this technology also enables the fastest entry and minimizes false alarms.

Operation

Clearstyle 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.

Design

Clearstyle has redefined the optical turnstile category, blurring the line between turnstile and showpiece. Architects played a key role in the patented design of Clearstyle's sleek, acrylic side panels and plated steel ends, which enhance the rich fabric of any well-designed modern lobby.

High security	Pinpoint accuracy	Fastest entry	Unsurpassed elegance	Field-proven reliability
Advanced technology for superior access control	**Intelligence virtually eliminates false alarms**	**Greater return on investment**	**Refined, slim designs accentuate lobby**	**Uptime and long lifetime improve bottom line**
> Detects tailgaters following behind authorized personnel	> Differentiates body mass from smaller objects	> High processing speed reduces traffic build-up	> Takes up less space – only 31 inches long	> Fewer failures mean lower repair costs
> Patented beam matrix profiles the lane	> Increases acceptance, avoiding guard tune out	> Lack of barrier ensures quick user acceptance	> Chevron LED illuminates, indicating alarm and direction	> Minimizes need for extra guards

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Materials

> Tops: Black Quartz Corian®
> Side panels: glass-like Perspex® Green Silica
> Ends: 304 stainless steel

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: 38.2" (970 mm)
> Width: 2.2" (56 mm)
> Length: 30.7" (780 mm)

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

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

Display
> User programmable tri-color graphic display

Sounders
> Single tone sounder: card authorization/alarm condition

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

Operating modes
> Bidirectional card in/card out on demand
> Bidirectional card in/free exit
> Enter only/exit only
> Lane closed

Power requirements
> Input: 115-230 V AC
> Output: 24 V DC, at 60 VA

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 0.5A, 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)
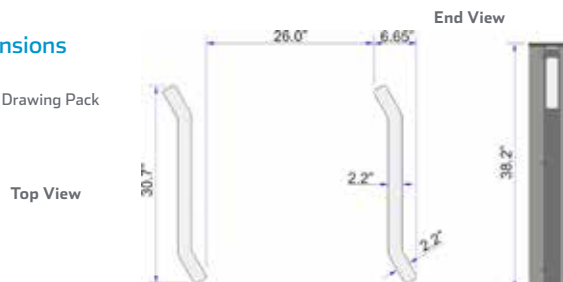> Remote Alarm (normally open)

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

Clearstyle 400 dimensions
(standard, single lane)

Please see the Clearstyle 400 Drawing Pack for additional details.

End View

Top View

26.0"   6.65"

30.7"   2.2"   2.2"   38.2"

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.