

Barrier arm optical turnstiles

Fastlane® Plus 30MA

Fastlane Plus models

30MA | 400MA | AS

Harmony between security and style

Fastlane Plus 30MA is an entry-level optical turnstile with a single rigid barrier arm or an optional breakaway arm. It combines advanced optical technology with a barrier to detect and physically impede unauthorized access. With Fastlane, security has never looked so inviting.

COST \$ \$ \$ \$ \$	BARRIER TYPE GLASS ARM OPTICAL	FOOTPRINT 
-------------------------------	---	---



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

30MA is designed to operate with barriers extended, opening only after an access system approval. The barrier arm quickly retracts for an authorized user. Barrier then either:

- > Closes quickly behind the authorized person to deter tailgaters
- > Stays open for immediate additional authorized users passing in either direction

30MA features three additional operating modes. Lanes can be connected to a remote control panel or integrated with third-party systems for electronic mode selection. Fastlane sounds 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

User-friendly and safe

Fastlane Plus barriers feature variable torque and speed settings to tailor the units to specific applications. Barriers automatically:

- > Slow to a crawl to avoid contact when safety beams sense an object in the way
- > Break away in either direction to minimize injury or damage

Optionally, barriers can be configured to open in the exit direction upon fire alarm or power outage.



High security

Advanced technology for superior access control

- > Detects tailgaters following behind authorized personnel
- > Impedes intruders with barrier arm



Pinpoint accuracy

Intelligence virtually eliminates false alarms

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



Fastest entry

Greater return on investment

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



Unsurpassed elegance

Refined, slim designs accentuate lobby

- > Takes up less space—only 38 inches long
- > Barrier opens 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

Barrier arm optical turnstiles

Fastlane® Plus 30MA

Fastlane Plus models

30MA | 400MA | AS

Materials

- > Tops: 304 stainless steel with Black Quartz Corian® ends
- > Side panels and end caps: 304 stainless steel with a horizontal grain (240 grit)
- > Barrier Arms: brushed aluminum
- > 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 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
- > 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" (965 mm)
- > Width: 6.6" (168 mm)
- > Length: 38.3" (973 mm)
- > Weight: 99 lbs (45 kg)

Barrier arm (rigid or breakaway)

- > Retracting arm, self returning
- > Diameter: 1.5" (38 mm) tube
- > Length: 19.7" (500 mm)

Lane width

- > 21.65-23.62" (550 -600 mm)

Opening/closing time

- > 1 second minimum

Speed of throughput

- > 1 person / 2 seconds (subject to response time of access control system)

Tailgate detection distance

- > 1/4 inch (5 mm) minimum

Barrier variable breakaway force

- > 0.4 Newton (4kg) typical

Sounders

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

Display

- > Tri-colored LED display

Optics

- > Optical turnstile - pulsed multi-infrared beam array, synchronized for detection.
- > Barrier safety - pulsed multi-infrared beam array
- > Environmentally hardened to avoid sunlight interference

Operating modes

- > Card in/card out
- > Card entry/free exit
- > Free entry/card out
- > Free entry/free exit
- > No entry/no exit
- > Auto entry/no exit

Power requirements

- > Input: 100-240 V AC, 47-63 Hz, 1500 mA
- > Output: 24 V DC, 60 W, 2.5 A

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)

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 to 16 seconds)

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

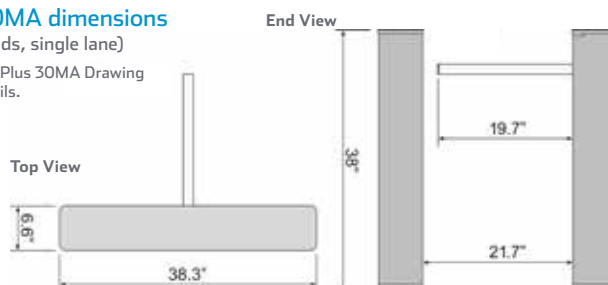
Due to continuous improvements, specifications are subject to change without prior notice.

Details

Fastlane Plus 30MA dimensions

(standard, square ends, single lane)

Please see the Fastlane Plus 30MA 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.

