Barrier turnstiles

# Fastlane®
# Plus 30 MA

| BARRIER TYPE | | | FOOTPRINT |
|---|---|---|---|
| GLASS | ARM | OPTICAL | |

## Security with Style

Fastlane Plus 30 MA 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.

## 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.

## IP enabled

30 MA features Fastlane Connect™, an IP communication and control system that enables turnstile control from Multilane Controller or a device with Web access.

## Operation

30 MA 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:

- Close quickly behind the authorized person to deter tailgaters
- Stay open for immediate additional authorized users passing in either direction

30 MA features three additional operating modes. Turnstiles 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 glass barrier will sound a second, louder alarm
- A secondary relay can trigger CCTV, lock doors, or control elevators

## User-friendly and safe

Fastlane Plus features multiple safety beams designed to stop the barrier arms from colliding with users. The units feature a Fire Alarm input to allow for safe, unimpeded emergency evacuation and the 30 series features unique selfresetting break away arms for safer operation.

---

**HIGH SECURITY**

Class leading infrared detection systems

- Detects and deters tailgaters in very close proximity
- Barriers are a visual and physical deterrent

**PINPOINT ACCURACY**

Accurately assesses traffic through the barrier

- Differentiates body mass from smaller objects
- Provides instant feedback of traffic flow and incidents

**UNSURPASSED THROUGHPUT**

Greater return on investment

- High processing speed reduces traffic build-up
- Rapid barrier movement

**SUPERIOR DESIGN**

Inspired, elegant design

- Lightweight drop arm barriers provide secure and safe entry
- Arms open flush with the pedestal, minimizing footprint

**FIELD-PROVEN RELIABILITY**

Uptime and long lifetime improve bottom line

- Fewer failures mean lower repair costs
- Online diagnostics and support packages

---

## Materials

- Tops: 304 stainless steel with Corian® Deep Black Quartz 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 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
- Multiple desktop controls - IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- Icon Status Display
- Pressure Sensor Tops
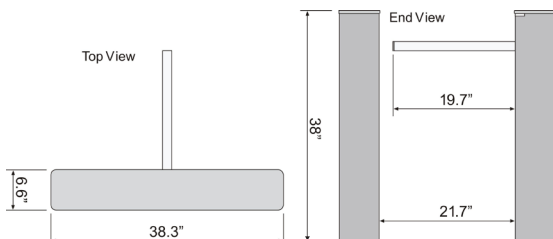- Available UL 2593 certification upon request

Please see Fastlane accessories data sheets for additional details.

DETAILS

### Fastlane Plus 30 MA dimensions
(standard, square ends, single turnstile)

Please see the Fastlane Plus 30 MA Drawing Pack for additional details.



FASTLANE PLUS 30 MA  TECHNICAL SPECIFICATIONS

**Pedestal dimensions (standard and ADA)**
- Height: 38" (965 mm)
- Width: 6.6" (168 mm)
- Length: 38.3" (973 mm)

**Lane width**
- Std. lane: 21.7" (550 mm)
- ADA lane: 31.7" (805 mm)

**Barrier arms (rigid or breakaway)**
- Retracting arm, self returning
- Diameter: 1.5" (38 mm) tube
- Length: 19.7" (500 mm)

**Barrier breakaway force**
- 40N (4.1 kg) nominal

**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 Input 12-24 V DC @ 25mA nominal

**Opening/closing time**
- 1 second minimum

**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 maximum (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, 60 W, 1.25 A

**Display**
- Tri-color, LED end of pedestal indicators: red, white, green

**Tailgate detection distance**
- 1/4" (5 mm) minimum

**Reliability**
- 5,000,000+ cycles*

**Certifications (power supply only)**
- UL 60950-1, 2nd edition
- CSA C22.2 No. 60950-1-07, second edition

**Audible indicators**
- Single tone sounder: card authorization and turnstile obstructions
- Multi-tone variable volume sounder: alarm condition

**Ethernet connection**
- RJ45 TCP/IP port

**Optics**
- Optical turnstile - pulsed multi-infrared beam array, synchronized for detection and safety
- Environmentally hardened to avoid sunlight interference

* 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.