Smarter Security

DATA SHEET

FASTLANE PLUS TURNSTILES: BARRIER ARMS

400 MA | 400 AS



Barrier turnstiles

Fastlane®
Plus 400 MA

Product Features	Fastlane Plus 400 MA
Pedestal Footprint (L x W x H)	38.3” x 6.6” x 38” (972 x 168 x 965mm)
Available Lane Widths	26.0" / 36.0" ADA (660 / 914mm)
Barrier Height	31.7” (805mm)
Brake Strength	≥ 50N / ≥ 70N
Tailgate Detection	1/4” (5mm)
Throughput *	1 per second

Sustainability

- LEED Preferred Manufacturing
- Low Voltage/Low Power Consumption
- ISO 14001:2015 Accreditation

The Ultimate Combination of Intelligence and Elegance

Fastlane Plus 400 MA is a state-of-the-art barrier arm turnstile featuring a self-resetting arm mechanism for enhanced safety. With intelligent monitoring to detect tailgating and rapid throughput of up to 60 persons per minute, it offers versatile modes to meet diverse security needs. Its sleek design makes the Fastlane Plus 400 MA the ideal choice for effective access control and is available as a UL listed model.

Advanced Security Technology

Utilizing cutting-edge optical detection technology for unparalleled accuracy and safety.

- **20-beam** high-resolution infrared matrix
- Detects tailgaters as close as **1/4” (5mm)** apart
- Can differentiate between body mass and smaller objects

User-Friendly Design

Engineered for quick acceptance and smooth operation in high-traffic areas.

- Unique self-resetting break away arms for safer operation
- Automatic local alarm for unauthorized entry
- Fire alarm integration for emergency egress

Flexible Integration

Seamlessly connects with existing building systems for comprehensive security management.

- Compatible with Access Control, CCTV, and building management systems
- **Fastlane Connect™ ethernet communications** for remote control and diagnostics that enables Web-based turnstile control from any PC, tablet, smartphone, or from Fastlane’s Multilane Controller.
- Optional visitor management input

PINPOINT ACCURACY | UNSURPASSED THROUGHPUT | SUPERIOR DESIGN | FIELD PROVEN RELIABILITY

Smart detection reduces false alarms

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

Lower costs, higher ROI

- High processing speed reduces traffic build-up
- Door-like motion ensures quick user acceptance

Elegant designs accentuate lobby

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

Maximized uptime boosts profitability

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

Durability and Reliability

Built to last, ensuring long-term performance and minimizing maintenance needs.

- In normal use, **10,000,000 cycles of operation**
- High-quality construction for lower whole-life costs
- Reduced failures and repair costs

Customizable Options

Adaptable to various architectural styles and accessibility requirements.

- **Finishes:** Wide range of metal colors, textures, and wood-like options.
- **Tops:** Choose from square or round pedestal end caps, with top options available in glass, stone, metal, and more.

Certifications (power supply only)

- UL 60950-1
- CSA C22.2 No. 60950-1-07, second edition
- UL 2593 certified*

Accessories

- Fastlane Floor Protector
- Fastlane Infill System
- Multiple desktop controls - IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- FastCmd™

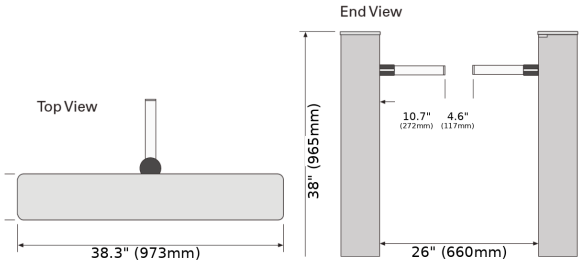
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Plus 400 MA dimensions

(standard, single turnstile)

Please see the Fastlane Plus 400 MA Drawing Pack for additional details.



FASTLANE PLUS 400 MA TECHNICAL SPECIFICATIONS

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Weight (Interlane Pedestal)	117lbs / 53kg
Weight (RX/TX Pedestal)	112lbs / 51kg
Barrier material	Aluminium tube 1.5" / 38mm Diameter
Barrier breakaway force (measured from the edge of the Arm)	≥ 50N for 16" (400mm) Arm ≥ 70N for 11" (275mm) Arm
Environmental	
Temperature	41 to 122°F (5 to 50°C)
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	210kW hours per annum
Ingress protection	IP20 (Internal building applications only)
Turnstile Power Specifications	
Receive Gate / Transmit Gate	24Vdc 1.25A (max)
Dual Gate Interlane	2x 24Vdc 1.25A (max)
24Vdc Power Supply (Included)	
Enclosure	Black mild steel, wall mounted, 13" x 8" x 5.5" (330 x 203 x 140mm)
Modules	Dual or quad 24Vdc 2.5A overcurrent fold back
Input voltage	100-240Vac, 60/50Hz, 5A fused spur connection
Outputs	24 V DC, 60 W, 1.25 A
Access Control Inputs	
Voltage-free contact; 1mA current sense	Entry & Exit request (NORMALLY OPEN closing for 1 second)
Screw terminal connector	Visitor entry (NORMALLY OPEN momentary closing contact)
Max conductor CSA 16AWG/ 1.5mm2	Visitor exit (NORMALLY OPEN momentary closing contact)
Fire panel integration input	Opto-coupled Input12-24Vdc @ 25mA nominal
Ethernet connection	RJ45 TCP/IP Port
Access Control Outputs	
Voltage-free contact; Contact Rating 28Vdc 0.5A	Entry & Exit monitor (NORMALLY CLOSED opening for 1 second)
Screw terminal connector	Alarm 1 (NORMALLY CLOSED opening for 1 second)
Max conductor CSA 16AWG/ 1.5mm2	Alarm 2 (NORMALLY CLOSED opening for 1 second)
System Outputs	
Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	75 – 100 dB (93dB at 1 meter)

- In normal use, 10,000,000 cycles of operation is expected before electromechanical subassemblies may require replacement as part of an approved preventative maintenance program.
- Fastlane logo present on left-most pedestal base. Removal available upon request.
- Due to continuous improvements, specifications are subject to change without prior notice.

* UL 2593 certification is available for turnstiles upon request

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