

↪ Barrier arm

Fastlane[®] *plus*

with IP communications



Setting the Standard

The Fastlane *plus* is the original rising arm barrier turnstile. The unique and innovative self resetting arm mechanism adds a level of safety not seen elsewhere in this product category. Offering the same intelligent monitoring and processing as all Fastlane products, this is the barrier arm of choice. Designed to integrate seamlessly with Access Control, CCTV and whole building management systems.



The extend and retract operation of the Fastlane *plus* unit offers high speed operation with a unique self resetting breakaway function for enhanced user safety. Speed of throughput is up to 60 persons per minute whilst traffic flow is precisely monitored by the 32

beam infra-red matrix. Connectability and integration is much improved by the newly included Ethernet interface, Fastlane *Connect*, allowing high-speed control and alarm signalling over an IP network. Available UL certified and as a DDA compliant product.

Barrier type

ARM

GLASS

OPTICAL

Secure

- ⊕ Class-leading infrared detection systems
- ⊕ Detects and deters tailgaters in very close proximity
- ⊕ Barriers are a visual and physical deterrent

Accurate

- ⊕ Accurately assesses traffic through the barrier
- ⊕ Differentiates body mass from smaller objects
- ⊕ Provides feedback of traffic flow

Fast

- ⊕ Quick and safe action
- ⊕ High processing speed reduces traffic build-up
- ⊕ Rapid barrier movement

Aesthetics

- ⊕ Inspired, elegant design
- ⊕ lightweight drop arm barriers provide secure and safe entry
- ⊕ Arms open flush with the pedestal, minimizing footprint

Reliability

- ⊕ Quality build lowers whole life costs
- ⊕ Fewer failures mean lower repair costs
- ⊕ On-line diagnostics and support packages

➔ Dimensions

L x W x H	973 x 168 x 965mm / 38.3 x 6.6 x 38 Inches
Weight	54kg / 119lbs
Standard lane width	660mm / 26"
DDA/ADA lane width	914mm / 36"
Barrier height	805mm / 31.7"
Barrier material	Aluminium tube 38mm / 1.5" Diameter
Barrier breakaway force	≥ 40N
Barrier speed of operation	0.3 seconds (min, std lane)
Infrared optical matrix - pulsed beam paths	32
Tailgate detection distance	5mm / 1/4"

➔ Pedestrian Access Throughput

Optical system performance	1 person per second
Typical application	40 persons per minute
Card buffering capacity	8 cards max.
Turnstile functions	As detailed in the product functional test specification

➔ Turnstile Power Specifications

Receive Gate / Transmit Gate	24Vdc 1.25A
Dual Gate Interlane	2 X 24Vdc 1.25A

➔ Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	230kW hours per annum
Ingress protection	IP40 (Internal building applications only)

➔ Power Supply (Included)

Enclosure	Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")
Modules	Dual or quad 24Vdc 2.5A overcurrent fold back
Input voltage	100-240Vac, 60/50Hz, 5A fused spur connection
Approvals	UL 60950-1 CSA C22.2 No. 60950-1-07 second edition

➔ Access Control Inputs

Voltage-free contacts;	Entry request (NORMALLY OPEN closing for 1 second)
1mA current sense	Exit request (NORMALLY OPEN closing for 1 second)
Screw terminal connector	Visitor entry (NORMALLY OPEN momentary closing contact)
Max conductor CSA 16AWG/ 1.5mm ²	Visitor exit (NORMALLY OPEN momentary closing contact)

➔ Access Control Outputs

Voltage-free contacts;	Entry monitor (NORMALLY CLOSED opening for 1 second)
Contact Rating 28Vdc 0.5A	Exit monitor (NORMALLY CLOSED opening for 1 second)
Screw terminal Connector	Alarm 1 (NORMALLY CLOSED opening for 1-16 seconds)
Max conductor CSA 16AWG/ 1.5mm ²	Alarm 2 (NORMALLY OPEN closing for 1 second)
Fire panel integration input	Opto-coupled Input 12-24V dc @ 25mA nom
Ethernet connection	RJ45 TCP/IP Port
Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	73dB

➔ Approvals - Pedestal

A UL listed product, UL2593 / CSA C22.2 No247

For further information please contact your local supplier



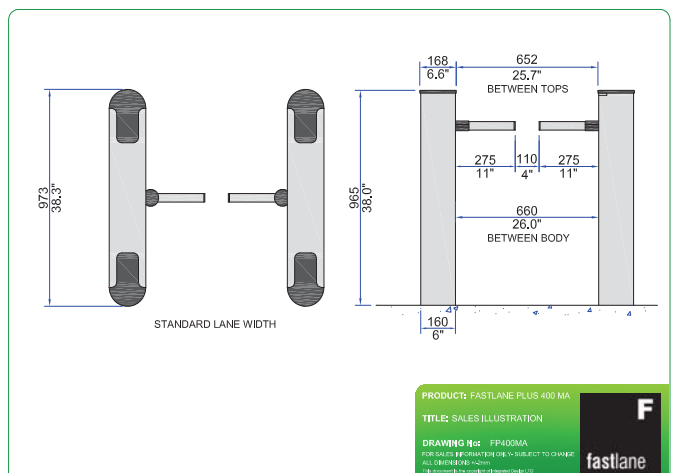
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Installation photos may not represent current production models.
 Please note specifications are subject to change without prior notice and performance features vary from model to model.

Fastlane plus dimensions detail

(Standard round ends, single lane). Please see the Fastlane plus Drawing Pack for additional details



PRODUCT: FASTLANE PLUS 400 MA
 TITLE: SALES ILLUSTRATION
 DRAWING No: FP400MA
 FOR SALES PREPARATION ONLY - SUBJECT TO CHANGE
 ALL DIMENSIONS IN MILLIMETERS
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