

# Fastlane® Tripod

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fastlane  
turnstiles by IDL

## Setting the Standard

The Fastlane Tripod features a motorised mechanism for user safety and convenience. Attached to an Access Control System, once the Tripod receives a valid authorisation signal the arms move in the direction of requested travel, and will then await the user applying light pressure to the barrier before gently auto-rotating for one user.



This will ensure that the passage through the unit is safe whilst ensuring that no tailgating or unauthorised entry can take place. The Fastlane Tripod unit is capable of accepting commands to allow passage in either direction by connection to a suitable Access Control System (ACS); free access can be easily configured by the ACS as can other changes as required during operation. ACS proximity readers are mounted onto the top or end panels of the unit for maximum convenience.

### Barrier type

GLASS

ARM

OPTICAL

### Secure

- Barriers are a visual and physical deterrent

### Accurate

- Allows only one person through at a time

### Features

- Motorised mechanism, creating faster throughput

### Aesthetics

- Inspired, elegant design

### Reliability

- Quality build lowers whole life costs
- Fewer failures mean lower repair costs

# Fastlane<sup>®</sup> Tripod



## Physical

Enclosure material  
Dimensions L x W x H  
Weight  
Lane width  
Barrier arm length  
Barrier type  
Barrier speed of operation

Stainless steel 304, 240 grit (satin no. 4), horizontal grain  
1112 x 248 x 950mm / 43.8 x 9.8 x 37.4 Inches  
70kg / 154.3lbs  
600mm / 23.6"  
500mm / 19.7"  
Rigid Arms  
< 2 seconds

## Pedestrian Access Throughput

Typical application  
Card buffering capacity

20 persons per minute  
10 cards max

## Turnstile Power Specifications

Per lane

24Vdc 1A (max)

## Environmental

Temperature  
Relative humidity  
Energy consumption per lane  
Ingress protection

5 to 50 degrees centigrade  
5 to 95% non-condensing  
105kW hours per annum  
IP20 (Internal building applications only)

## Power Supply (Included)

Enclosure  
Modules  
Input voltage  
Approvals

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

## Access Control Inputs

Voltage-free contact;  
1mA current sense  
Screw terminal connector  
Max conductor CSA 16AWG/ 1.5mm<sup>2</sup>

Entry request (NORMALLY OPEN closing for 1 second)  
Exit request (NORMALLY OPEN closing for 1 second)  
Visitor entry (NORMALLY OPEN momentary closing contact)  
Visitor exit (NORMALLY OPEN momentary closing contact)

## Access Control Outputs

Voltage-free contact;  
Contact Rating 28Vdc 0.5A  
Screw terminal connector  
Max conductor CSA 16AWG/ 1.5mm<sup>2</sup>

Entry monitor (NORMALLY CLOSED opening for 1 second)  
Exit monitor (NORMALLY CLOSED opening for 1 second)  
Alarm relay C NC NO Contacts

## System Output

Turnstile status display  
Alarm sounder output

RGB LED diffused through 10mm high clear frosted acrylic  
75 – 100 dB (93dB at 1 metre)

## Reliability

In Normal use, 5,000,000 cycles of operation is expected before electro mechanical parts require replacement as part of an approved preventative maintenance programme.

Technical Specification Version A2

Manufactured by Integrated Design Limited.



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Issue B0

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.

## Local Reseller

