

# Fastlane<sup>®</sup> Compact

with Ethernet Connectivity

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fastlane  
turnstiles by IDL

## Setting the Standard

The Fastlane Compact Optical is the smallest entrance control pedestal provided from IDL. Designed specifically to offer an exceptionally compact solution, the pedestals use the custom designed Fastlane processor and infrared beam matrix, capable of making hundreds of decisions every second. All this, means that the units can be incredibly accurate about who and what they see pass between the pedestals.



As with all of the Fastlane range, the exceptionally efficient optical systems can pass information to a connected access control system or via Ethernet using Fastlane *Connect*. Fastlane *Connect* allows direct communication with the turnstiles from any authorised user on the same network, offering real-time remote control, monitoring and diagnostic information to users. By registering the units online, IDL can offer updates to firmware with a connection agreed with the customer.

### Barrier type

GLASS

ARM

**OPTICAL**

### Secure

- Class leading infrared detection systems
- Detects and deters tailgaters in very close proximity

### Accurate

- Accurately assesses traffic through the lane
- Differentiates body mass from smaller objects
- Provides instant feedback of traffic flow and incidents

### Features

- Quick and safe
- High processing speed reduces traffic build-up
- No barrier to impede movement

### Aesthetics

- Inspired, elegant design
- Barrier free for a clean un-obstructed look
- Slim pedestal design minimising footprint

### Reliability

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



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## Physical

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	446 x 168 x 965mm / 17.6" x 6.6 x 38 Inches
Weight	25kg / 55lbs
Lane width	660mm / 26" to 914mm / 36"
DDA/ADA Lane Width	914mm / 36"
Infrared optical matrix – pulsed beam paths	16
Infrared wavelength nm	940
Tailgate detection distance	5mm / 1/4"

## Pedestrian Access Throughput

Optical system performance	1 person per second
Card buffering capacity	10 cards max
Turnstile functions	As detailed in the configuration manual

## Turnstile Power Specifications

Per Lane	24Vdc 0.5A (max)
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## Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	105kW 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	Single, 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 contact;	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 <sup>2</sup>	Visitor exit (NORMALLY OPEN momentary closing contact)
Fire panel integration input	Opto-coupled Input 12-24Vdc @ 25mA nominal
Ethernet connection	TCP/IP Port

## Access Control Outputs

Voltage-free contact;	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 second)
Max conductor CSA 16AWG/ 1.5mm <sup>2</sup>	Alarm 2 (NORMALLY CLOSED opening for 1 second)

## System Output

Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	75 – 100 dB (93dB at 1 metre)

Technical Specification Version A2

Manufactured by Integrated Design Limited.



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## Local Reseller

Issue B2

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.