

# Fastlane® Clearstyle 200

F

fastlane  
turnstiles by IDL

## Setting the Standard

The Clearstyle 200 is an aesthetically pleasing, low impact and small footprint optical turnstile. It employs patented IDL technology to enable a lightweight appearance with invisible detection capabilities. The Fastlane infrared beam matrix can accurately assess objects and entities within the lane and then make split second decisions as to the security threat.



The multiprocessor electronics can detect tailgating attempts and will signal local and, where connected, remote alarms via an external sounder along with visual indicators. Fastlane optical and barrier products are known for their reliability, ease of installation and use and low “whole-life cost”. All of our products are designed and manufactured in the UK.

### Barrier type

GLASS

ARM

**OPTICAL**

### Secure

- 150mm Tailgate Detection
- Class leading infrared detection systems
- Detects and deters tailgaters in very close proximity
- Limited beams to discriminate objects

### 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
- Clear Sides

### 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

# Fastlane<sup>®</sup> Clearstyle 200

**F****fastlane**  
turnstiles by IDL**Physical**

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	627 x 175 x 1030mm / 24.7 x 6.9 x 40.5 Inches
Pedestal weight	30kg / 66.1lbs
Lane width	550mm / 21.7" to 914mm / 36"
DDA/ADA lane width	914mm / 36"
Infrared optical matrix – pulsed beam paths	6
Infrared wavelength nm	940
Tailgate detection distance	150mm / 6"

**Pedestrian Access Throughput**

Optical system performance	1 person per second
Card buffering capacity	10 cards max

**Turnstile Power Specifications**

Per lane	24Vdc 0.6A (max)
----------	------------------

**Environmental**

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	126kW 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	RJ45 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	60 dB approx.

Technical Specification Version A2

Manufactured by Integrated Design Limited.

Feltham Point, Air Park Way, Feltham,  
Middlesex, TW13 7EQ, United Kingdom**T:** +44 (0)208 890 5550  
**E:** info@fastlane-turnstiles.com  
**W:** www.fastlane-turnstiles.comInstallation 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.**Issue B2****Local Reseller**