

## Setting the Standard

Originally conceived as a Fastlane turnstile accessory, the Intelligate is exactly that, a gate with built-in intelligence based around the Fastlane optical engine. Intelligate can 'see' people or objects in real time with the infrared beams and can make a decision if the movement it sees is authorised or not and can react accordingly.



Whilst not designed to be a stand-alone access controlled solution, Intelligate complements a turnstile installation and adds flexibility where an extra wide monitored gate may be required for deliveries, and where wider access may be required. Intelligate will integrate with your access control system and can be controlled via a standard system or with one of our range of optional remote control systems.

### Barrier type

**GLASS**

ARM

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 instant feedback of traffic flow and incidents

### Features

- Quick and safe action
- High processing speed reduces traffic build-up
- Door-like motion ensures quick user acceptance

### Aesthetics

- Inspired, elegant design
- Glass barriers provide secure and welcome entry
- Very small footprint

### Reliability

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

# Fastlane® Intelligate



## Physical

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions (Diameter x Height)	Ø162mm x 970mm / Ø6.4" x 38.2"
Pedestal weight	20kg / 44lbs
Glass barrier weight	9.5kg max / 21lbs
Lane width	550mm / 21.7" to 1220mm / 48.0"
Barrier Height	820mm / 32.3"
Barrier Material	10mm Toughened Safety Glass EN14179
Barrier breakaway force	≥ 60N (measured at 500mm from the shaft axis)
Barrier Speed of operation	2 to 5 seconds
Infrared beams	2
Infrared wavelength nm	940
Tailgate detection distance	75mm / 3"

## Turnstile Power Specifications

Per Pedestal	24Vdc 750mA (max)
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## Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	273kW hours per annum
Ingress protection	IP20 (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 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 Input12-24Vdc @ 25mA nominal

## Access Control Outputs

Voltage-free contact;	Alarm relay C NC NO contacts
Contact Rating 28Vdc 0.5A	
Screw terminal connector	
Max conductor CSA 16AWG/ 1.5mm <sup>2</sup>	

## System Output

Turnstile status display	RGB LED diffused through 15mm high clear frosted acrylic
Alarm sounder output	98dB approx.

## 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

