

Fastlane® Intelligate 300

with Ethernet Connectivity



Setting the Standard

Fastlane Intelligate 300 has been designed to complement the Fastlane range, primarily intended to add an extra-wide lane to a turnstile installation, permitting deliveries of parcels or other oversized items which might not be able to use the standard lanes. Whilst available as a stand alone lane, the IG300 can be seamlessly integrated to a GG300 installation, enabling a wider lane within a set of GG300 lanes. IG300 maintains the prestige look and feel of the Fastlane range with quality Stainless Steel and Corian® feature panels. It offers a very light yet secure barrier.



The IG300 is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Intelligate 300 knows how many people to admit and in which direction of travel. Any unexpected movements are instantly met with an audible and visual alarm and signals can be passed to your Access Control or CCTV system to acknowledge an alarm condition has occurred. Intelligate 300 features Fastlane *Connect* Ethernet communications for control, configuration and diagnostics. IG300 is available with 5 panel heights in standard and DDA lane widths.

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
- Barriers open flush with the pedestal, 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
Dimensions L x W x H
Weight (RX/TX Pedestal)
Glass Barrier (Tallest)
Lane widths
Barrier height – 5 options
Barrier material

Barrier Breakaway Force - Friction Brakes
Maximum Rated Force - Locking Brakes
Barrier speed of operation
Infrared optical matrix – pulsed beam paths
Infrared wavelength nm
Tailgate detection distance

Pedestrian Access Throughput

Optical system performance
Typical application
Card buffering capacity
Turnstile functions

Turnstile Power Specifications

Receive Gate / Transmit Gate

Environmental

Temperature
Relative humidity
Energy consumption per lane
Ingress protection

Power Supply (Included)

Enclosure
Modules
Input voltage
Approvals

Access Control Inputs

Voltage-free contact;
1mA current sense
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²
Fire panel integration input
Ethernet connection

Access Control Outputs

Voltage-free contact;
Contact Rating 28Vdc 0.5A
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²

System Output

Turnstile status display
Alarm sounder output

Reliability

Stainless steel 304, 240 grit (satin no.4), horizontal grain
Ø240 x 965mm / Ø9.4 x 38 Inches
24kg / 52.9lbs
18kg / 39.7lbs (barrier height: 1800mm / 70.9")
1000mm / 39.3" | 1200mm / 47.2" | 1400mm / 55.1" *
1800mm/70.9" | 1700mm/66.9" | 1500mm/59.1" | 1200mm/47.2" | 965mm/38"
10mm Toughened Safety Glass EN12150
12mm Toughened/Laminated for 1800mm Tall option EN12150/EN14449
≥ 60N (measured at 285mm from the shaft axis)
≥ 300N* (Damage to the Glass clamps and panel may occur above rated force)
< 1 second
4
940
10mm / 0.39"

1 person per second
30 persons per minute
10 cards max
As detailed in the configuration manual

24Vdc 1.25A (max)

5 to 50 degrees centigrade
5 to 95% non-condensing
421kW hours per annum
IP20 (Internal building applications only)

Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")
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

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)
Opto-coupled Input12-24Vdc @ 25mA nominal
TCP/IP Port

Entry monitor (NORMALLY CLOSED opening for 1s)
Exit monitor (NORMALLY CLOSED opening for 1s)
Alarm 1 (NORMALLY CLOSED opening for 1s)
Alarm 2 (NORMALLY CLOSED opening for 1s)

RGB LED diffused through 10mm high clear frosted acrylic
98dB approx

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.

*For Lane width of 1400mm (55.1") maximum height is 1200mm (47.2")

Technical Specification Version A5

Manufactured by Integrated Design Limited.



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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.

Local Reseller

