

Fastlane® Glassgate 300

with Ethernet Connectivity

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fastlane
turnstiles by IDL

Setting the Standard

The newest addition to the Fastlane range, the Fastlane Glassgate 300 offers a very light yet secure feel with large, glass, structural support panels. It maintains the prestige look and feel of the Fastlane range with quality Stainless Steel and Corian® feature panels.



The GG300 is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glassgate 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. Glassgate 300 features Fastlane *Connect* Ethernet communications for control, configuration and diagnostics. GG300 is available with 4 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	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	1128 x 240 x 965mm / 44.4 x 9.4 x 38 Inches
Weight (Interlane Pedestal)	68kg / 149.9lbs
Weight (RX/TX Pedestal)	58kg / 127.9lbs
STD Glass Barrier	14.5kg / 32lbs (barrier height: 1800mm / 70.9")
DDA Glass Barrier	20kg / 44lbs (barrier height: 1800mm / 70.9")
Standard lane width	660mm / 26"
DDA/ADA lane width	914mm / 36"
Barrier height – 4 options	1800mm/70.9" 1500mm/59.1" 1200mm/47.2" 965mm/38"
Barrier material	10mm Toughened Safety Glass EN14179 / ANSI 97.1 12mm Toughened/Laminated for locking/tall options ≥ 60N (measured at 285mm from the shaft axis) ≥ 300N* (Damage to the Glass clamps and panel may occur above rated force) < 1 second
Barrier Breakaway Force - Friction Brakes	18
Maximum Rated Force - Locking Brakes	940
Barrier speed of operation	5mm / 1/4"
Infrared optical matrix – pulsed beam paths	
Infrared wavelength nm	
Tailgate detection distance	

Pedestrian Access Throughput

Optical system performance	1 person per second
Typical application	30 persons per minute
Card buffering capacity	10 cards max
Turnstile functions	As detailed in the configuration manual

Turnstile Power Specifications

Receive Gate / Transmit Gate	24Vdc 1.25A (max)
Dual Gate Interlane	2x 24Vdc 1.25A (max)

Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	421kW 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 ²	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 ²	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)

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 A4

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.com

Issue B4

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