

# Fastlane<sup>®</sup> Glassgate 200

with Ethernet Connectivity

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fastlane  
turnstiles by IDL

## Setting the Standard

The original, now iconic Fastlane swing barrier has been newly updated to feature IP connectivity for Ethernet control and monitoring. Featuring the latest 32 beam-path platform, the GG200 has all the enhanced functionality of the new Fastlane range. Intelligent & safe, it presents users with a familiar glass door arrangement, which is as easy to use as it is on the eye. The timeless design with new processing power and Ethernet connectivity puts the GG200 back on the cutting edge of turnstile products. Optional locking brakes are now available on this product.



GG200 is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glassgate 200 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 200 now features Fastlane *Connect* Ethernet communications for control, configuration and diagnostics. The GG200 range now features a dual barrier Interlane pedestal to provide configurations with multiple DDA lanes rather than one DDA lane per set of lanes. The dual barrier Interlane enclosure is wider at 251mm compared with 168mm and slightly longer at 1,496mm compared with 1,411mm, sharing the same lower panel and the optical panels from the single barrier pedestals. Locking brake options and a new barrier height option of 1,800mm has also been introduced across the GG200 range.

### 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	1411 x 168 x 962mm / 55.6 x 6.6 x 37.9 Inches
Dimension (Dual Interlane L x W x H)	1496 x 251 x 962mm / 58.9 x 9.9 x 37.9 Inches
Weight (Interlane / TX / RX Pedestal)	82kg / 180.7lbs
Weight (Optical Only Pedestal)	69kg / 152.1lbs
Weight (Dual Interlane)	142kg / 313lbs
STD Glass Barrier (Barrier Height: 1800mm)	19kg / 41.9lbs (12kg / 26.5lbs for Dual Interlane)
DDA Glass Barrier (Barrier Height: 1800mm)	17kg / 37.5lbs
Standard lane width	600mm / 23.6" (660mm/26.0" for Dual Interlane)
DDA/ADA lane width	914mm / 36"
Barrier height – 4 options	962mm/37.8"   1200mm/47.2"   1500mm/59.1"   1800mm / 70.9"
Barrier material	10mm Toughened Safety Glass EN14179 / ANSI 97.1 12mm Toughened/Laminated for locking/tall options
Barrier Breakaway Force - Friction Brakes	≥ 60N (measured at 285mm from the shaft axis)
Maximum Rated Force - Locking Brakes	≥ 300N* (Damage to the Glass clamps and panel may occur above the rated force)
Barrier speed of operation	< 1 second
Infrared optical matrix – pulsed beam paths	32
Infrared wavelength nm	940
Tailgate detection distance	5mm / 1/4"

## 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)
Transmit Optical Only Gate	24Vdc 250mA

## 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	Single, Dual or quad 24Vdc 2.5A overcurrent fold back
Input voltage	100-240Vac, 60/50Hz, 5A fused spur connection

## 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/ 1.5mm2	Visitor exit (NORMALLY OPEN momentary closing contact)
Fire panel integration input	Opto-coupled Input12-24Vdc @ 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/ 1.5mm2	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 A5

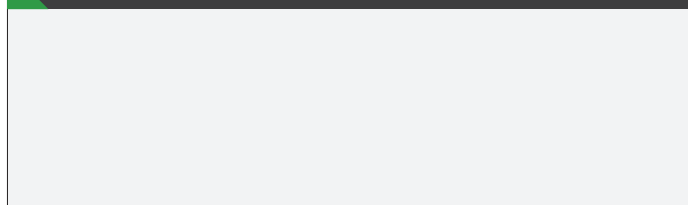
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## Local Reseller



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.