

# Fastlane® Glassgate 200 Plus

with Ethernet Connectivity



## Setting the Standard

A variation on the original GG200, the Glassgate 200 Plus has been designed to allow for multiple wide walkways in each bank of lanes. The GG200 Plus maintains all the enhanced functionality of the GG200 including optional 1800mm high barriers & locking barriers. 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 Plus back on the cutting edge of turnstile products. Optional locking brakes are available on this product.



GG200 Plus is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glassgate 200 Plus 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 Plus now features Fastlane *Connect* Ethernet communications for control, configuration and diagnostics.

### 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
- Can create multiple wide lanes

### 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	1496 x 251 x 962mm / 58.9 x 9.9 x 37.9 Inches
Weight (TX / RX Pedestal)	114kg / 251.3lbs
Weight (Interlane Pedestal)	142kg / 313lbs
STD Glass Barrier (Barrier Height: 1800mm)	12kg / 26.5lbs
DDA Glass Barrier (Barrier Height: 1800mm)	17kg / 37.5lbs
Standard lane width	660mm/26.0"
DDA/ADA lane width	914mm / 36"
Barrier height – 5 options	962mm/37.8"   1200mm/47.2"   1500mm/59.1"   1700mm/66.9"   1800mm / 70.9"
Barrier material	10mm Toughened Safety Glass EN12150

## Barrier Breakaway Force - Friction Brakes

Maximum Rated Force - Locking Brakes	12mm Toughened & Laminated for 1800mm Tall option EN12150/EN14449
Barrier speed of operation	≥ 60N (measured at 285mm from the shaft axis)
Infrared optical matrix – pulsed beam paths	≥ 300N* (Damage to the Glass clamps and panel may occur above the rated force)
Infrared wavelength nm	< 1 second
Tailgate detection distance	32
	940
	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)

## Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	589kW 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

## 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 A2

Manufactured by Integrated Design Limited.



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Issue A2

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

