

Fastlane® Glassgate 200

with Ethernet Connectivity



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. 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
Dimensions L x W x H
Weight (Interlane / TX / RX Pedestal)
Weight (Optical Only Pedestal)
STD Glass Barrier (Barrier Height: 1800mm)
DDA Glass Barrier (Barrier Height: 1800mm)
Standard lane width
DDA/ADA lane width
Barrier height – 5 options
Barrier material

Stainless steel 304, 240 grit (satin no.4), horizontal grain
1411 x 168 x 962mm / 55.6 x 6.6 x 37.9 Inches
82kg / 180.7lbs
69kg / 152.1lbs
19kg / 41.9lbs (12kg / 26.5lbs for Dual Interlane)
17kg / 37.5lbs
600mm / 23.6" (660mm/26.0" for Dual Interlane)
914mm / 36"
962mm/37.8" | 1200mm/47.2" | 1500mm/59.1" | 1700mm/66.9" | 1800mm / 70.9"
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 the rated force)
< 1 second
32
940
5mm / 1/4"

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

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

Pedestrian Access Throughput

Optical system performance
Typical application
Card buffering capacity
Turnstile functions

Turnstile Power Specifications

Receive Gate / Transmit Gate
Transmit Optical Only Gate

24Vdc 1.25A (max)
24Vdc 250mA

Environmental

Temperature
Relative humidity
Energy consumption per lane
Ingress protection

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

Power Supply (Included)

Enclosure
Modules
Input voltage

Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")
Single, Dual or quad 24Vdc 2.5A overcurrent fold back
100-240Vac, 60/50Hz, 5A fused spur connection

Access Control Inputs

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

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 Input 12-24Vdc @ 25mA nominal
RJ45 TCP/IP Port

Access Control Outputs

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

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

System Output

Turnstile status display
Alarm sounder output

RGB LED diffused through 10mm high clear frosted acrylic
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 A8

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

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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

