

Fastlane® Glassgate 400

with Ethernet Connectivity



Setting the Standard

Fastlane Glassgate 400 offers a taller, more secure and more imposing barrier for higher security requirements. Using Stainless Steel for its good looks and durability, GG400 has a light and open appearance whilst maintaining a commanding presence. It is easy and intuitive to use with swinging glass barriers available in several different heights up to 1.8 metres (70.9").



Users are met with a familiar glass door arrangement that is intuitive to use and aesthetically pleasing. GG400 now features Fastlane *Connect* Ethernet communication for control, configuration and diagnostics. Connection can be as simple as just connecting to your network and using Fastlane finder. Recent enhancement of the product includes the new Fastlane 32 beam-path detection engine, offering best-in-class detection and interpretation of people and objects moving between the pedestals. The GG400 offers a high power friction brake and is optionally available with a lock system providing the very highest security from a swing panel product.

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 Pedestal)
Weight (RX/TX Pedestal)
STD Glass Barrier
DDA Glass Barrier
Standard lane width
DDA/ADA lane width
Custom lane width
Barrier height – 4 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
Dual Gate Interlane

0

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

Technical Specification Version A7
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

Stainless steel 304, 240 grit (satin no.4), horizontal grain
1408 x 218 x 1062mm / 55.4 x 8.5 x 41.8 Inches
90.5kg / 199.5lbs
77kg / 169.7lbs
14kg / 30.8lbs (barrier height: 1800mm / 70.9")
19kg / 41.8lbs (barrier height: 1800mm / 70.9")
660mm / 26"
914mm / 36"
1000mm / 39.3"
1800mm/70.9" | 1500mm/59.1" | 1200mm/47.2" | 1061mm/41.8"
10mm Toughened Safety Glass EN12150
12mm Toughened/Laminated for locking/tall glass options EN12150/EN14449
≥ 120N (measured at 285mm from the shaft axis)
≥ 300N* (Damage to Glass clamps and panel may occur above rated force)
< 1 second
32
940
5mm / 1/4"

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

24Vdc 1.5A (max)
2x 24Vdc 1.5A (max)

5 to 50 degrees centigrade
5 to 95% non-condensing
589kW 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 Input 12-24Vdc @ 25mA nominal
TCP/IP Port

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)

RGB LED diffused through 10mm high clear frosted acrylic
75 – 100 dB (93dB at 1 metre)

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.

Local Reseller

Issue B5

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.