

Fastlane[®] Glassgate 400

with Ethernet Connectivity

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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	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	1408 x 218 x 1063mm / 55.4 x 8.5 x 41.8 Inches
Weight (Interlane Pedestal)	90.5kg / 199.5lbs
Weight (RX/TX Pedestal)	77kg / 169.7lbs
STD Glass Barrier	14kg / 30.8lbs (barrier height: 1800mm / 70.9")
DDA Glass Barrier	19kg / 41.8lbs (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" 1061mm/41.8"
Barrier material	10mm Toughened Safety Glass EN14179 / ANSI 97.1 12mm Toughened/Laminated for locking/tall glass options
Barrier Breakaway Force - Friction Brakes	≥ 120N (measured at 285mm from the shaft axis)
Maximum Rated Force - Locking Brakes	≥ 300N* (Damage to Glass clamps and panel may occur above 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 1.5A (max)
Dual Gate Interlane	2x 24Vdc 1.5A (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
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.



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Local Reseller

Issue B2

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.