

Fastlane[®] Glassgate 150

with Ethernet Connectivity

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fastlane
turnstiles by IDL

Setting the Standard

Fastlane Glassgate 150 has been designed to provide an aesthetic solution for entrance control for various market sectors and to meet the requirements of the UL2593 standard. Now available as a UL listed model and maintaining the good looks of the Fastlane range, the GG150 includes the latest in electronic processing, providing remote control and diagnostics via a standard web browser. GG150 retains all of the proven features from the Fastlane range including a 32 beam high resolution infrared matrix which offers best in class detection for safe and secure operation.



The GG150 is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glassgate 150 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 150 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

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



UL Model Available on Request



www.fastlane-turnstiles.com

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Physical

| | |
|---|---|
| Enclosure material | Stainless steel 304, 240 grit (satin no. 4), horizontal grain |
| Dimensions L x W x H | 1148 x 168 x 965mm / 45.2 x 6.6 x 38 Inches |
| Weight (Interlane Pedestal) | 59kg / 130lbs |
| Weight (RX/TX Pedestal) | 56kg / 123.5lbs |
| STD Glass assembly | 7kg / 15.4lbs |
| DDA Glass assembly | 8.5kg / 18.7lbs |
| Standard lane width | 660mm / 26" |
| DDA/ADA lane width | 914mm / 36" |
| Barrier height | 846.5mm / 33.3" |
| Barrier material | 10mm Toughened Safety Glass EN14179 / ANSI 97.1 |
| Barrier breakaway force | ≥ 50N (measured at 285mm from the shaft axis) |
| 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 | 40 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 | 337kW 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 | 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/ 1.5mm 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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Issue B3

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

