Fastlane Glassgate 150

Setting the Standard

Fastlane Glassgate 150 has been designed from the ground up to exceed todays global certification standards such as CE and UL. Maintaining the good looks of the Fastlane range, GG150 now includes the latest in electronic control design and allows remote control, diagnostics and signals alarms via a standard web browser.

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 feedback of traffic flow

Fast

- 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, minimizing footprint

Reliability

- Quality build lowers whole life costs
- Fewer failures mean lower repair costs
- On-line diagnostics and support packages

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 are passed to your Access Control or CCTV system to acknowledge an alarm condition has occurred. Glassgate 150 now features Fastlane *Connect*, IP communications for control, configuration and diagnostics.

Dimensions

L x W x H	1148 x 168 x 965mm / 45.2 x 6.6 x 38 Inches
Weight	50kg / 110lbs
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	$\geq$ 40N
Barrier speed of operation	< 1 second (max)
Infrared optical matrix - pulsed beam paths	32
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	8 cards max.
Turnstile functions	As detailed in the product functional test specification

Turnstile Power Specifications

Receive Gate / Transmit Gate	24Vdc 1.25A
Dual Gate Interlane	2 X 24Vdc 1.25A

Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	438kW hours per annum
Ingress protection	IP40 (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 contacts;	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)

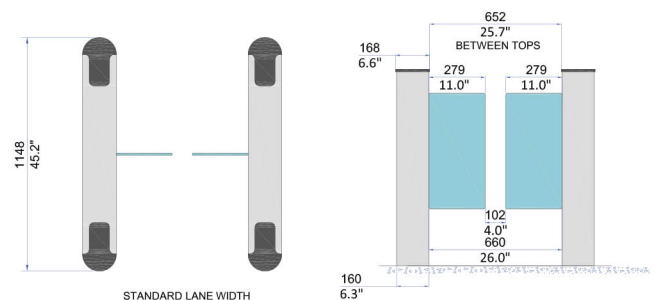## Access Control Outputs

Voltage-free contacts:	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 1-16 seconds)
Max conductor CSA 16AWG/ 1.5mm²	Alarm 2 (NORMALLY OPEN closing for 1 second)
Fire panel integration input	Opto-coupled Input 12-24V dc @ 25mA nom
Ethernet connection	RJ45 TCP/IP Port
Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	73dB

Approvals - Pedestal

A UL listed product, UL2593 / CSA C22.2 No247

Glassgate 150 dimensions detail

(Standard round ends, single lane). Please see the Glassgate 150 Drawing Pack for additional details.

STANDARD LANE WIDTH