Smarter Security

DATA SHEET

ENHANCED SECURITY & TRAFFIC FLOW

GG150 | GG155 | GG200 | **GG250** | GG300 | GG400 | GLASSWING

Barrier turnstiles

Fastlane® **Glassgate 250**

Product Features	Glassgate 250
Pedestal Footprint (L x W x H in inches)	49.1 x 7.4 x 40
Available Lane Widths (in inches)	26.0 / 36.0 (ADA)
Barrier Heights (in inches)	28.7
Brake Strength	≥ 60N / ≥ 300N (option)
Tailgate Detection	1/4"
Throughput	1 per second

Sustainability

- LEED Preferred Manufacturing
- Low Voltage/Low Power Consumption
- ISO 14001:2015 Accreditation

Designed for Integration

The Fastlane Glassgate 250 offers a modern entrance control solution that integrates elevator displays and reader technologies seamlessly. It is now available as a UL-listed model and complies with the requirements of UL2593. This model features advanced electronic processing for remote control, diagnostics, and alarm signals, all of which can be accessed through a standard web browser.

Advanced Security Technology

Utilizing cutting-edge optical detection technology for unparalleled accuracy and safety.

- **32-beam** high-resolution infrared matrix
- Detects tailgaters as close as **1/4" (5mm)** apart
- Can differentiate between body mass and smaller objects

User-Friendly Design

Engineered for quick acceptance and smooth operation in high-traffic areas.

- Barriers close slowly when safety beams detect an obstruction
- Automatic local alarm for unauthorized entry
- Fire alarm integration for emergency egress

Flexible Integration

Seamlessly connects with existing building systems for comprehensive security management.

- Compatible with Access Control, CCTV, and building management systems
- **Fastlane Connect™ ethernet communications** for remote control and diagnostics that enables Web-based turnstile control from any PC, tablet, smartphone, or from Fastlane's Multilane Controller.
- Optional visitor management input

PINPOINT ACCURACY

Smart detection reduces false alarms

- Differentiates body mass from smaller objects
- Provides instant feedback of traffic flow and incidents

UNSURPASSED THROUGHPUT

Lower costs, higher ROI

- High processing speed reduces traffic build-up
- Door-like motion ensures quick user acceptance

SUPERIOR DESIGN

Elegant designs accentuate lobby

- Glass barriers provide secure and welcome entry
- Barriers open flush with the pedestal, minimizing footprint

FIELD PROVEN RELIABILITY

Maximized uptime boosts profitability

- Fewer failures mean lower repair costs
- Online diagnostics and support packages

Durability and Reliability

Built to last, ensuring long-term performance and minimizing maintenance needs.

- In normal use, **10,000,000 cycles of operation**
- High-quality construction for lower whole-life costs
- Reduced failures and repair costs

Customizable Options

Adaptable to various architectural styles and accessibility requirements.

- **Finishes:** Wide range of metal colors, textures, and wood-like options.
- **Glass Barriers:** Custom graphics, logos, or decorative accents available.
- **Tops and End Caps:** Choose from square or round pedestal end caps, with top options available in glass, stone, metal, and more.

Certifications (power supply only)

- UL 60950-1
- CSA C22.2 No. 60950-1-07, second edition
- UL 2593 certified*

Accessories

- Fastlane Floor Protector
- Fastlane Infill System
- Multiple desktop controls - IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- FastCmd™
- Locking Brakes

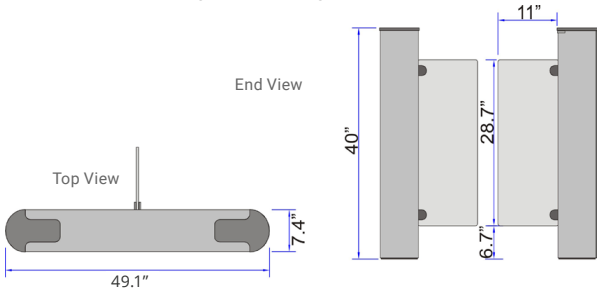
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Glassgate 250 dimensions

(standard, single turnstile)

Please see the Glassgate 250 Drawing Pack for additional details.



FASTLANE GLASSGATE 250 TECHNICAL SPECIFICATIONS

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Weight (Interlane Pedestal)	175.3lbs / 79.5kg
Weight (RX/TX Pedestal)	157.6lbs / 71.5kg
Barrier material	10mm Toughened Safety Glass EN12150 / ANSI 97.1
Barrier breakaway force- Friction	≥ 60N (measured at 285mm from the shaft axis)
Maximum Rated Force - Locking Brakes	≥ 300N* (Damage to the Glass clamps and panel may occur above rated force)
Environmental	
Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	421kW hours per annum
Ingress protection	IP20 (Internal building applications only)
Turnstile Power Specifications	
Receive Gate / Transmit Gate	24Vdc 1.25A (max)
Dual Gate Interlane	2x 24Vdc 1.25A (max)
24Vdc Power Supply (Included)	
Enclosure	Black mild steel, wall mounted, 13" x 8" x 5.5"
Modules	Dual or quad 24Vdc 2.5A overcurrent fold back
Input voltage	100-240Vac, 60/50Hz, 5A fused spur connection
Outputs	24 V DC, 60 W, 1.25 A
Access Control Inputs	
Voltage-free contact; 1mA current sense	Entry & 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)
Fire panel integration input	Opto-coupled Input12-24Vdc @ 25mA nominal
Ethernet connection	RJ45 TCP/IP Port
Access Control Outputs	
Voltage-free contact; Contact Rating 28Vdc 0.5A	Entry & Exit monitor (NORMALLY CLOSED opening for 1 second)
Screw terminal connector	Alarm 1 (NORMALLY CLOSED opening for 1 second)
Max conductor CSA 16AWG/ 1.5mm2	Alarm 2 (NORMALLY CLOSED opening for 1 second)
System Outputs	
Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	75 – 100 dB (93dB at 1 meter)

- In normal use, 10,000,000 cycles of operation is expected before electromechanical subassemblies may require replacement as part of an approved preventative maintenance program.
- Fastlane logo present on left-most pedestal base. Removal available upon request.
- Due to continuous improvements, specifications are subject to change without prior notice.

* UL 2593 certification is available for turnstiles upon request