



Barrier turnstiles

# Fastlane® Glassgate 250 Plus

Product Features	Glassgate 250 Plus
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
Barrier Heights (in inches)	40 / 47.2 / 59 / 66.9
Brake Strength	≥ 60N / ≥ 300N (option)
Tailgate Detection	.25"
Throughput *	1 per second

### Sustainability

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



## Elevating Entrance Control

The Fastlane Glassgate 250 Plus is meticulously crafted to offer an elegant entrance control solution. It **seamlessly integrates with elevator displays** and supports various reader technologies. With adjustable glass barrier heights ranging from pedestal height to 66.9" tall, the GG250 Plus caters to diverse security requirements.

## 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:** 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

## Accessories

- Fastlane Floor Protector
- Fastlane Infill System
- Multiple desktop controls - IP or Analog
- FastScan™ Tenant/Visitor System
- Multiple Reader Mounting Options
- FastCmd™
- Top Sensors for climb-over detection
- Locking Brakes

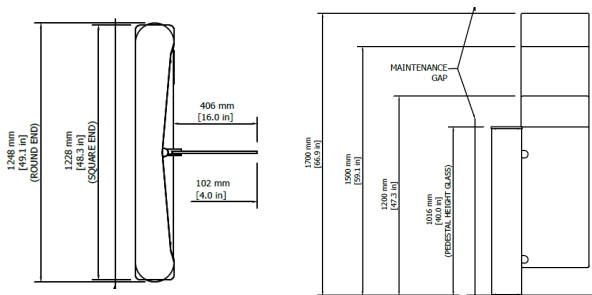
Please see Fastlane accessories data sheets for additional details.

## DETAILS

### Fastlane Glassgate 250 Plus dimensions

(standard, single turnstile)

Please see the Glassgate 250 Plus Drawing Pack for additional details.



## FASTLANE GLASSGATE 250 PLUS 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
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/ 1.5mm <sup>2</sup>	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/ 1.5mm <sup>2</sup>	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 metre)

\* 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.



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24/7 Technical Support

With thousands of systems installed on six continents, Fastlane is a world leader in elegant and intelligent optical turnstiles.

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