Smarter Security

DATA SHEET

GOLD STANDARD IN ENTRANCE CONTROL

GG150 LX | GG300 LX | GG400 LX



Barrier turnstiles

Fastlane®
Glassgate 150 LX

Product Features	Glassgate 150 LX
Pedestal Footprint (L x W x H)	48.6" x 6.3" x 39.0" (1234 x 160 x 992mm)
Available Lane Widths	26.0" / 36.0" ADA (660 / 914mm)
Barrier Heights	34.2" (868mm)
Brake Strength	60N
Tailgate Detection	1/4" (5mm)
Throughput	1 per second

Sustainability

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

Advanced Technology, Intelligent Performance

The Fastlane Glassgate 150 LX optical turnstile features, quiet operation, concealed infrared detection, and programmable architectural glass illumination. Engineered with bolt-for-bolt compatibility with the original Glassgate 150, the GG150 LX delivers premium performance—available for both new installations and straightforward retrofit projects.

Deployment Flexibility

Engineered for both new installations and retrofit projects.

- Bolt-for-bolt compatibility with original Glassgate 150
- Identical mounting points preserves existing infrastructure investments
- Straightforward installation minimizes deployment complexity

Refined User Experience

Premium design and operation engineered for high-performance environments.

- Quiet operation with advanced barrier brake technology
- Architectural glass illumination with programmable RGB LED lighting
- Sculpted profile design with 3D CAD lofted aesthetic
- Barriers close safely when obstruction detected
- Fire alarm integration for emergency egress

Advanced Security Technology

Next-generation detection and processing for unparalleled accuracy and threat assessment.

- Concealed infrared matrix with no visible detection windows
- Detects tailgaters as close as **1/4" (5mm)** apart
- Differentiates body mass from smaller objects
- Compatible with Access Control, CCTV, and building management systems
- **Fastlane Connect™ ethernet communications** for remote control and diagnostic turnstile control from any device.
- Optional visitor management input

PINPOINT ACCURACY | UNSURPASSED THROUGHPUT | SUPERIOR DESIGN | FIELD PROVEN RELIABILITY

Smart detection reduces false alarms

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

Lower costs, higher ROI

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

Elegant designs accentuate lobby

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

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.

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

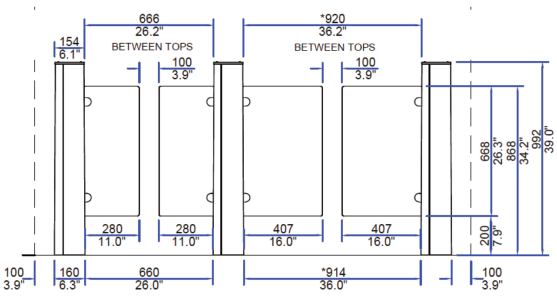
Please see Fastlane accessories data sheets for additional details.

DETAILS

Fastlane Glassgate 150 LX dimensions

(standard, single turnstile)

Please see the Glassgate 150 LX Drawing Pack for additional details.



FASTLANE GLASSGATE 150 TECHNICAL SPECIFICATIONS

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Weight (Interlane Pedestal)	139lbs / 63kg
Weight (RX/TX Pedestal)	119lbs /54kg
Barrier material	10mm Toughened Safety Glass BS EN12150
Barrier breakaway force	≥ 60N (measured at 11.2" (285mm) from the shaft axis)
Environmental	
Temperature	41 to 122°F (5 to 50°C)
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" (330 x 203 x 140mm)
Modules	Dual or quad 24Vdc 2.5A overcurrent fold back
Input voltage	100-240Vac, 60/50Hz, 5A fused spur connection
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
Center glass lighting	RGB LED Strip
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.

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