

Fastlane® Glassgate 250 Plus

with Ethernet Connectivity



Setting the Standard

Fastlane Glassgate 250 Plus has been designed to provide an aesthetic solution for entrance control for the corporate reception, with the facility to integrate to elevator displays and a wide range of reader technologies. The GG250 Plus is available with a variety of glass barrier heights to suit the customer's security needs, from pedestal height to 1700mm tall. The GG250 Plus includes the latest in electronic processing, providing remote control, diagnostics, and alarm signals via a standard web browser.



Glassgate 250 Plus is designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, GG250 Plus knows how many people to admit and in which direction of travel. Any unexpected movements are instantly met with an audible and visual alarm, signals can be passed to your Access Control or CCTV system to acknowledge an alarm condition has occurred. GG250 Plus 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
- Range of barrier heights

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



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Physical

Enclosure material	Stainless steel 304, 240 grit (satin no.4), horizontal grain
Dimensions L x W x H	1248 x 188 x 1016mm / 49.1 x 7.4 x 40 Inches
Weight (Interlane Pedestal)	79.5kg / 175.3lbs
Weight (RX/TX Pedestal)	71.5kg / 157.6lbs
STD Glass Barrier	9.6kg / 21.2lbs (barrier height: 1700mm / 66.9")
DDA Glass Barrier	13.7kg / 30.2lbs (barrier height: 1700mm / 66.9")
Standard lane width	660mm / 26"
DDA/ADA lane width	914mm / 36"
Barrier height – 4 options	1016mm / 40.0" 1200mm / 47.2" 1500mm / 59.0" 1700mm / 66.9"
Barrier material	10mm Toughened Safety Glass EN12150
Barrier Breakaway Force - Friction Brakes	≥ 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)
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	421kW 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 Input12-24Vdc @ 25mA nominal
Ethernet connection	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 A0

Manufactured by Integrated Design Limited.



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Issue A2

Local Reseller

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.