

# Fastlane<sup>®</sup> Glasswing with IP communications



## Setting the Standard in Entrance Control

Fastlane Glasswing brings architectural elegance to the world of turnstile design. The original, and much imitated elliptically shaped range of units span three different lane widths and incorporate retractable glass panels for virtually silent, high speed operation. The look and feel of the units endow the Glasswing range with a prestige look to enhance your high status building entrance.



Designed to integrate seamlessly with Access Control, CCTV and whole building management systems. By receiving information from your Access Control system, Glasswing 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. Fastlane *Connect*, IP communications for control, configuration and diagnostics is an inclusive feature of the Glasswing range offering future-proof communications for the connected world.

### 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
- ➔ Retracting barriers for speedy, quiet operation

### Aesthetics

- ➔ Inspired, elegant design
- ➔ Glass barriers provide secure and welcome entry
- ➔ Barriers retract into the pedestal maximising the lane width

### Reliability

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

➔ Dimensions

L x W x H  
 Weight  
 Compact lane width  
 Standard lane width  
 DDA/ADA lane width  
 Barrier height  
 Barrier material  
 Barrier pushback force  
 Barrier speed of operation  
 Infrared optical matrix - pulsed beam paths  
 Tailgate detection distance

Compact/Standard/Wide - elliptical ended units

1500x308x960mm/1500/372/960mm/1500/452/960mm  
 80kg / 110kgs/120kgs  
 550mm/21.7"  
 660mm / 26"  
 914mm / 36"  
 928mm / 36.5"  
 10mm Toughened Safety Glass EN14179 / ANSI 97.1  
 ≥ 25N  
 0.4 seconds (min, compact unit)  
 32  
 5mm / 1/4"

➔ Pedestrian Access Throughput

Optical system performance  
 Typical application  
 Card buffering capacity  
 Turnstile functions

1 person per second  
 40 persons per minute  
 8 cards max.  
 As detailed in the product functional test specification

➔ Turnstile Power Specifications

Receive Gate / Transmit Gate  
 Dual Gate Interlane

24Vdc 1.25A  
 2 X 24Vdc 1.25A

➔ Environmental

Temperature  
 Relative humidity  
 Energy consumption per lane  
 Ingress protection

5 to 50 degrees centigrade  
 5 to 95% non-condensing  
 438kW hours per annum  
 IP40 (Internal building applications only)

➔ Power Supply (Included)

Enclosure  
 Modules  
 Input voltage  
 Approvals

Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")  
 Dual or quad 24Vdc 2.5A overcurrent fold back  
 100-240Vac, 60/50Hz, 5A fused spur connection  
 UL 60950-1 CSA C22.2 No. 60950-1-07 second edition

➔ Access Control Inputs

Voltage-free contacts;  
 1mA current sense  
 Screw terminal connector  
 Max conductor CSA 16AWG/ 1.5mm<sup>2</sup>

Entry request (NORMALLY OPEN closing for 1 second)  
 Exit request (NORMALLY OPEN closing for 1 second)  
 Visitor entry (NORMALLY OPEN momentary closing contact)  
 Visitor exit (NORMALLY OPEN momentary closing contact)

➔ Access Control Outputs

Voltage-free contacts;  
 Contact Rating 28Vdc 0.5A  
 Screw terminal Connector  
 Max conductor CSA 16AWG/ 1.5mm<sup>2</sup>  
 Fire panel integration input  
 Ethernet connection  
 Turnstile status display

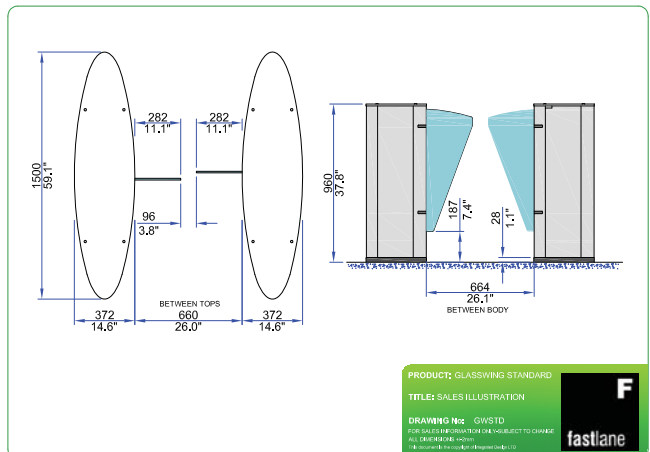
Entry monitor (NORMALLY CLOSED opening for 1 second)  
 Exit monitor (NORMALLY CLOSED opening for 1 second)  
 Alarm 1 (NORMALLY CLOSED opening for 1-16 seconds)  
 Alarm 2 (NORMALLY OPEN closing for 1 second)  
 Opto-coupled Input 12-24V dc @ 25mA nom  
 RJ45 TCP/IP Port  
 RGB LED diffused through 10mm high clear frosted acrylic  
 A UL listed product, UL2593 / CSA C22.2 No247

➔ Approvals - Pedestal

For further information please contact your local supplier

Glasswing dimensions detail

(Standard elliptical ends, single lane). Please see the Glasswing Drawing Packs for Compact and Wide unit details. Square ended versions are also available.



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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.