

Fastlane Glasswing



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

➤ Pedestrian Access Throughput

Optical system performance
Typical application
Card buffering capacity
Turnstile functions

➤ Turnstile Power Specifications

Receive Gate / Transmit Gate
Dual Gate Interlane

➤ Environmental

Temperature
Relative humidity
Energy consumption per lane
Ingress protection

➤ Power Supply (Included)

Enclosure
Modules
Input voltage
Approvals

➤ Access Control Inputs

Voltage-free contacts;
1mA current sense
Screw terminal connector
Max conductor CSA 16AWG/ 1.5mm²

➤ Access Control Outputs

Voltage-free contacts;
Contact Rating 28Vdc 0.5A
Screw terminal Connector
Max conductor CSA 16AWG/ 1.5mm²
Fire panel integration input
Ethernet connection
Turnstile status display

➤ Approvals - Pedestal

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"

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

24Vdc 1.25A
2 X 24Vdc 1.25A

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

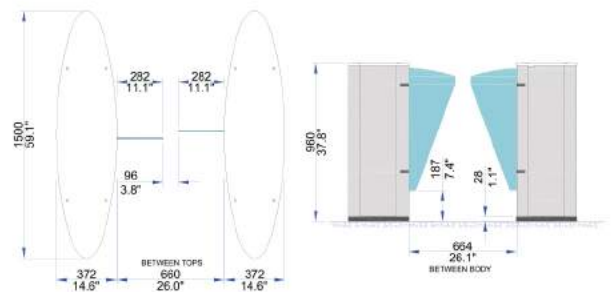
Black mild steel, wall mounted, 330mm (13") x 200mm (8") x 136mm (5.5")
Dual or quad 24Vdc 2.5A overcurrent fold back
100-240Vac, 60/50Hz, 5A fused spur connection
UL 60950-1 CSA C22.2 No. 60950-1-07 second edition

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)

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

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.



All Right Now LTD

The Long Barn | Manor Farm Business Park | Appletree Road | Chipping Warden | OX17 1LH
T: +44 (0)1295 66 05 66 E: enquiries@allrightnow.co.uk www.allrightnow.co.uk