

Setting the Standard

The Passgate is a single pedestal, single barrier gate tailored to suit a wide range of applications. The Passgate is designed as an accessory to the hugely successful Fastlane Turnstile range. Conceived for use as an occasional lane for deliveries and oversized objects that may not fit through our standard range.



Whilst not designed to be a stand-alone access controlled solution, the Passgate complements a turnstile installation and adds flexibility where an extra wide gate may be required for deliveries, and where wider access may be required. Passgate will integrate with your access control system and can be controlled via a standard access control system or with one of our range of optional remote control systems.

Barrier type

GLASS

ARM

OPTICAL

Secure

- Barriers are a visual and physical deterrent

Accurate

- Occasional gate for use with wheelchairs, groups or deliveries

Features

- Door-like motion ensures quick user acceptance

Aesthetics

- Inspired, elegant design
- Glass barriers provide secure and welcome entry
- Very small footprint

Reliability

- Quality build lowers whole life costs
- Fewer failures mean lower repair costs

Fastlane[®] Passgate



Physical

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions (Diameter x Height)	Ø162mm x 970mm / Ø6.4" x 38.2"
Pedestal Weight	20kg / 44lbs
Glass Barrier Weight	9.5kg max / 21lbs
Lane width	550mm / 21.7" to 1000mm / 39.4"
Barrier Height	820mm / 32.3"
Barrier Material	10mm Toughened Safety Glass EN14179
Barrier breakaway force	≥ 60N (measured at 500mm from the shaft axis)
Barrier Speed of operation	2 to 5 seconds

Turnstile Power Specifications

Per Pedestal	24Vdc 750mA (max)
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Environmental

Temperature	5 to 50 degrees centigrade
Relative humidity	5 to 95% non-condensing
Energy consumption per lane	137kW 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	Single, 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)

Access Control Outputs

Voltage-free contact;	Alarm relay C NC NO contacts
Contact Rating 28Vdc 0.5A	
Screw terminal connector	
Max conductor CSA 16AWG/ 1.5mm ²	

System Output

Turnstile status display	RGB LED diffused through 15mm high clear frosted acrylic
Alarm sounder output	60 dB approx.

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 A2

Manufactured by Integrated Design Limited.



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Issue B0

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.

Local Reseller

