Fastlane® Passgate 300
with Ethernet Connectivity

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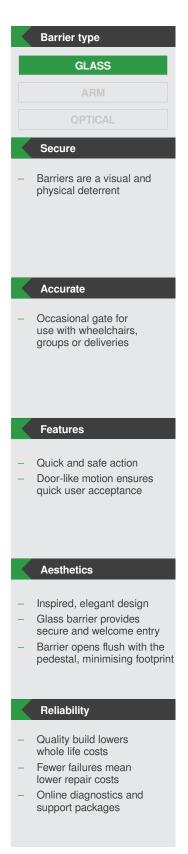
fastlane
turnstiles by **IDL**

Setting the Standard

A new take on a classic, the Passgate 300 unit is a single pedestal, single barrier gate, available in multiple heights and widths to suit a wide range of applications. Conceived for use as an occasional lane for oversized objects that may not fit through our standard range, and utilising the proven Glassgate 300 mechanism, the new Passgate is a useful accessory to the hugely successful Fastlane turnstile range.

The new Passgate 300 is available with an optional locking brake for high security applications and comes equipped with Fastlane *Connect* Ethernet connectivity for monitoring and remotely controlling the unit from any connected PC with the correct authorisation. Equipped with a high speed Fastlane processor the Passgate 300 will complement any Fastlane installation. It will operate with all of the range of Fastlane remote controls and other accessories.

Barrier type

GLASS

ARM

OPTICAL

Secure

– Barriers are a visual and physical deterrent

Accurate

– Occasional gate for use with wheelchairs, groups or deliveries

Features

– Quick and safe action
– Door-like motion ensures quick user acceptance

Aesthetics

– Inspired, elegant design
– Glass barrier provides secure and welcome entry
– Barrier opens flush with the pedestal, minimising footprint

Reliability

– Quality build lowers whole life costs
– Fewer failures mean lower repair costs
– Online diagnostics and support packages

Physical

Enclosure material	Stainless steel 304, 240 grit (satin no. 4), horizontal grain
Dimensions L x W x H	Ø240 x 965mm / Ø9.4 x 38 Inches
Weight (RX/TX Pedestal)	24kg / 52.9lbs
Glass Barrier (Tallest)	18kg / 39.7lbs (barrier height: 1800mm / 70.9")
Lane widths	600mm / 23.6"	700mm / 27.5" *	1000mm / 39.3" *
Barrier height – 4 options	1800mm/70.9"	1500mm/59.1"	1200mm/47.2"	965mm/38"
Barrier material	10mm Toughened Safety Glass EN14179 / ANSI 97.1
	12mm Toughened/Laminated for locking/tall options
Barrier Breakaway Force - Friction Brakes	≥ 60N (measured at 285mm from the shaft axis)
Maximum Rated Force - Locking Brakes	≥ 300N* (Damage to the glass panel or glass clamps may occur above rated force)
Barrier speed of operation	2 to 6 seconds (subject to barrier size)

Turnstile Power Specifications

Per Pedestal	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/ 1.5mm2	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;	
Contact Rating 28Vdc 0.5A	
Screw terminal connector	Alarm (NORMALLY CLOSED opening for 1s)
Max conductor CSA 16AWG/ 1.5mm2	

System Output

Turnstile status display	RGB LED diffused through 10mm high clear frosted acrylic
Alarm sounder output	98dB 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.

*For Lane width of 700mm (27.5") maximum height is 1200mm (47.2")
*For Lane width of 1000mm (39.3") maximum height is 965mm (38")

Issue A2

Local Reseller