



RELIABLE ★ DURABLE ★ GUARANTEED

SPEEDGATE PERPETUAL



900MM HIGH X 1 100MM WIDE



1 800MM HIGH X 900MM WIDE

- The **SPEEDGATE PERPETUAL** combines security and aesthetics all in one stylish product
- Ultra high speed access with seamlessly integrated motor drive technology
- The most sophisticated product of its type in Africa
- Exported worldwide

APPLICATIONS

- Suited for applications requiring ultra high speed access and medium levels of security
- Used extensively in applications such as office receptions, airports, universities, health clubs and railways

DESIGNED FOR

- Interior and covered exterior installations (special outdoor unit for uncovered installations available on request)
- Severe operating conditions

AVAILABLE CONFIGURATIONS

- Various configurations with 900mm and 1 800mm high wings and lane widths of 600mm, 900mm and 1 100mm



ISO 9001:2015

UNIQUE FEATURES OF THE SPEEDGATE PERPETUAL

- Designed by professional engineers
- Cutting edge technology used in both the design and manufacture

RELIABLE TECHNOLOGY

- Ultra-heavy-duty high speed motor drive and gearbox
- Intelligent motor with brake system
- Built-in intelligent controller
- Low power consumption
- Green and red LED pedestrian indicator
- Motion detection sensor array – dynamic following of the pedestrian through the Speedgate Perpetual
- Highly sophisticated anti-tamper detection
 - Tailgating
 - Unauthorised direction
 - Intrusion detection
 - Physical force
- Wings reset to locked position automatically without requiring human intervention
- Safety - a series of detectors monitor the lane for safe closing

DURABLE FEATURES

CABINET

- Powder coated mild steel - black
- Available in any powder coated colour combination
- 3D designed and precision laser cut components
- Hand-made with expert welding
- Recess with polycarbonate infill for concealed reader mounting (option)
- Telescopic pole for facial / biometric reader mounting (option)
- LED lane status and direction indicator lights

ACRYLIC WING

- 10mm transparent acrylic (toughened glass available on request)
- Direct motor mount technology

GUARANTEED MANUFACTURED TO LAST

- 3 year mechanical guarantee
- 1 year electrical guarantee



DOUBLE LANE
UNLIMITED NUMBER OF
LANE CONFIGURATIONS
AVAILABLE

TECHNICAL SPECIFICATIONS

POWER	220 / 110 Volt AC				
OPERATING VOLTAGE	24VDC				
FREQUENCY	50Hz / 60Hz				
POWER CONSUMPTION	45W per lane				
OPERATING TEMPERATURE	-20°C - 75°C				
MATERIALS	<ul style="list-style-type: none"> • CABINET: powder coated mild steel - black (available in any colour and combination) • WING: 10mm transparent acrylic. Wings can be fitted with stickers of your corporate brand. Toughened glass option also available 				
WEIGHT	<ul style="list-style-type: none"> • 90kg end cabinet • 120kg centre cabinet 				
PASSAGE WIDTH	<ul style="list-style-type: none"> • Standard: 600mm • Special needs: 900mm • Wide: 1100mm 				
WING HEIGHT	900mm (standard) / up to 1800mm (high) Note: The maximum width available when fitted with wings of 1800mm high is 900mm				
POWER FAILURE OPERATION	Wings open automatically towards exit direction on power failure (battery backup available on request)				
FIRE ALARM OPERATION	Trigger can activate barriers to remain in the open position for free access				
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> • Integrates with all access control and time and attendance systems • Can be integrated with biometric, bar code and card readers as well as no-touch buttons and remote transmitters • Normally open dry contact / RS485 				
OPERATING CYCLE TIME	<table> <tr> <td>Open</td> <td>Adjustable - up to 0.25 seconds / Standard - 0.75 seconds</td> </tr> <tr> <td>Close</td> <td></td> </tr> </table>	Open	Adjustable - up to 0.25 seconds / Standard - 0.75 seconds	Close	
Open	Adjustable - up to 0.25 seconds / Standard - 0.75 seconds				
Close					
THROUGHPUT	Up to 50 persons per minute				
TAMPER ALARM	<ul style="list-style-type: none"> • Electronic output for a building security alert, e.g. to lock doors or activate CCTV • LED lights show red cross • Internal buzzer sounds 				
OPERATIONAL MODES	<ul style="list-style-type: none"> • Entry and exit (standard) • Entry only • Exit only 				

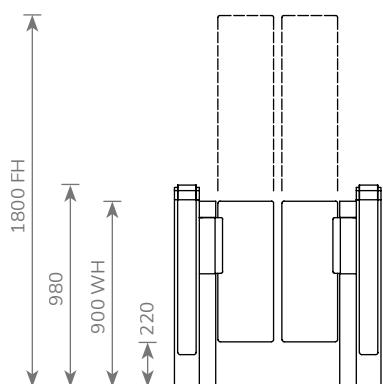


SPEEDGATE PERPETUAL RANGE

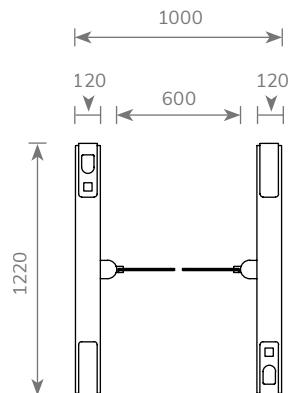


SPEEDGATE PERPETUAL RANGE

GENERAL ARRANGEMENT OF 1 x 600mm PERPETUAL LANE

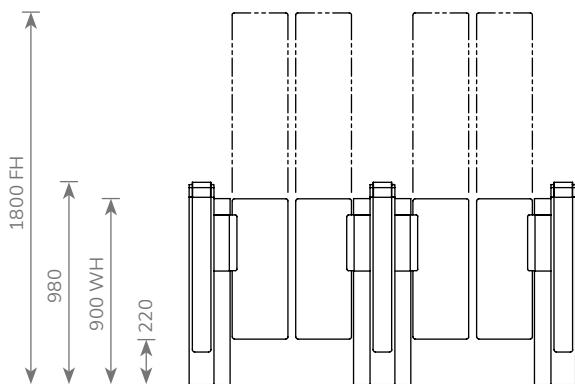


ELEVATION

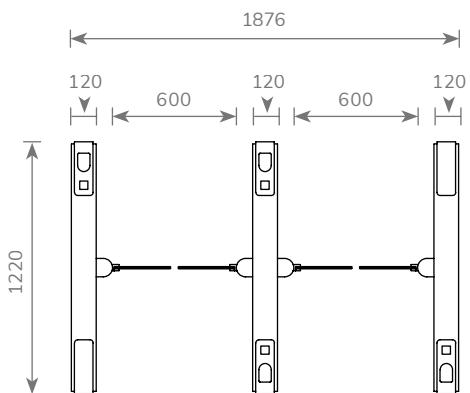


PLAN VIEW

GENERAL ARRANGEMENT OF 2 x 600mm PERPETUAL LANES

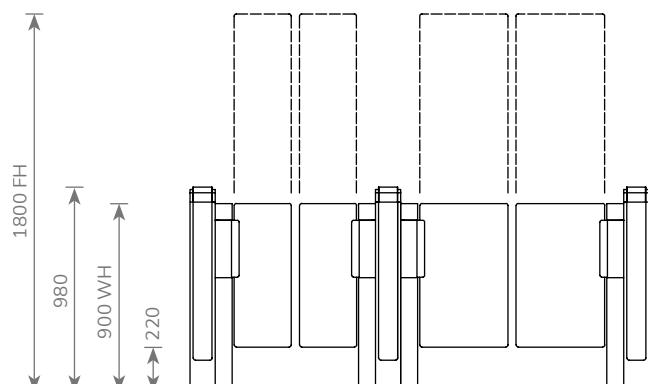


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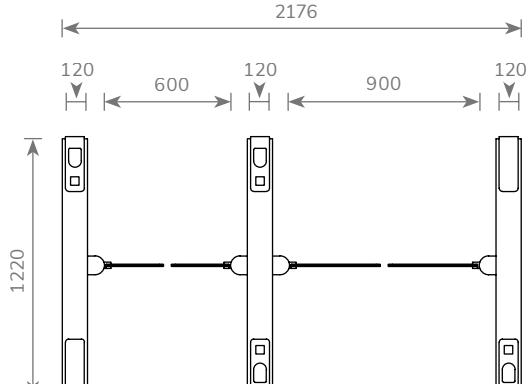


PLAN VIEW

GENERAL ARRANGEMENT OF 1 x 600mm & 1 x 900mm PERPETUAL LANES



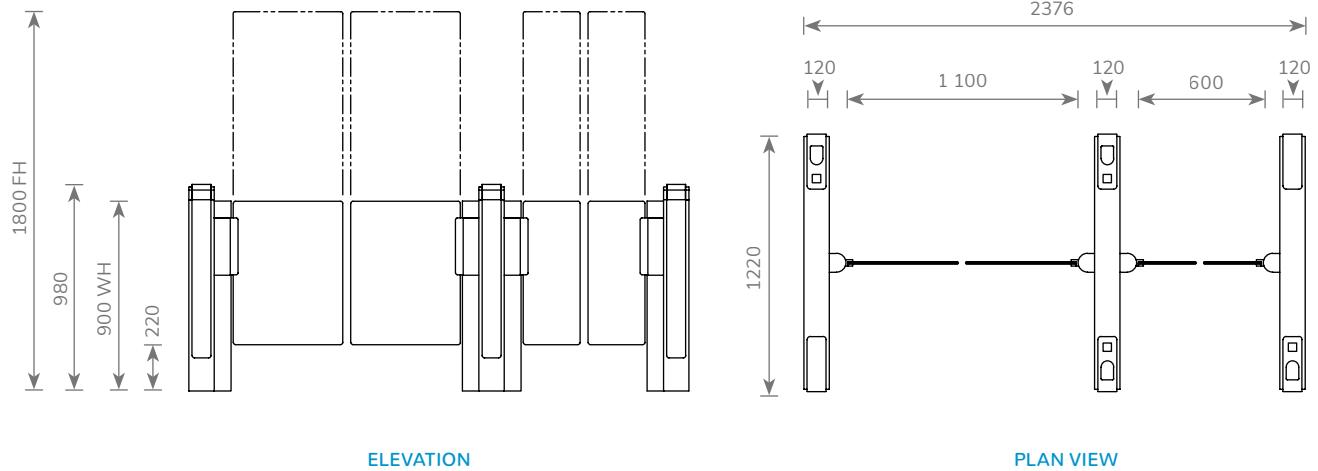
ELEVATION



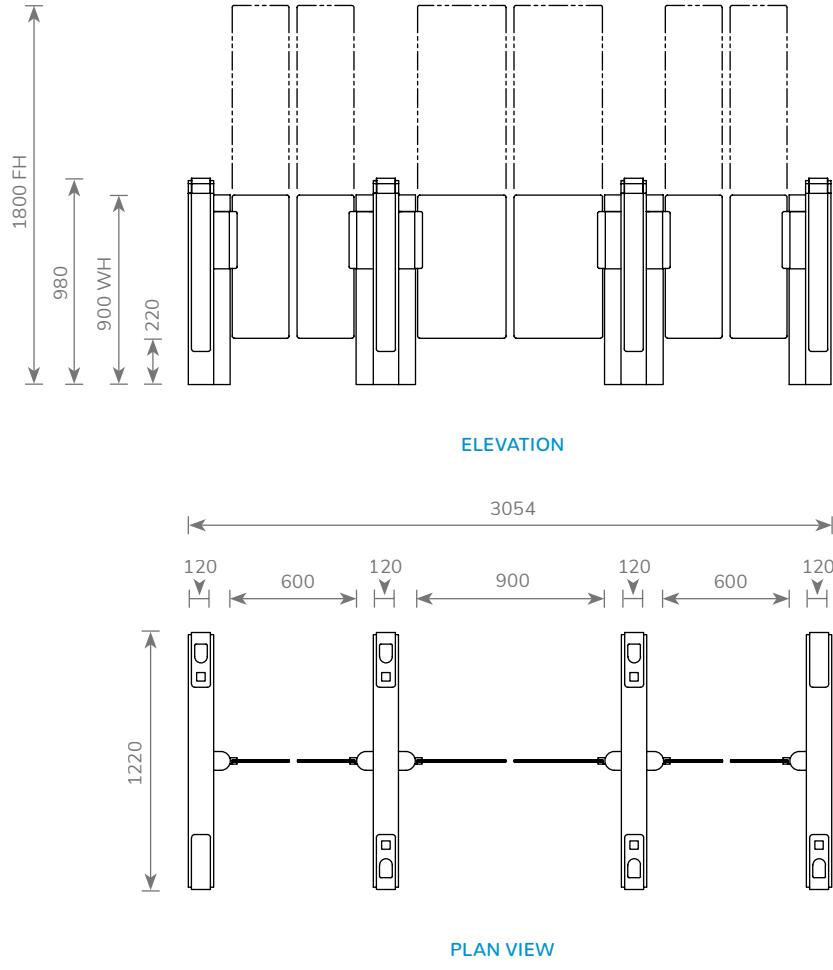
PLAN VIEW

SPEEDGATE PERPETUAL RANGE

GENERAL ARRANGEMENT OF 1 100mm & 1 x 600mm PERPETUAL LANES



GENERAL ARRANGEMENT OF 2 x 600mm & 1 x 900mm PERPETUAL LANES



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