



Access controlled...
Future secured



EIFirstLane

Best in class speed gates

Automatic Systems mission is to protect and secure access to your building as well as control the flow of pedestrian traffic. Automatic Systems is renowned worldwide for the quality and reliability of its access control equipment, and for its innovative and aesthetic offer. The FirstLane swing speed gates meet these needs, and offer a new modern and elegant design, whilst guaranteeing high reliability. Thanks to its black painted steel

housing, combined with the elegance of glass, FirstLane speed gates capture stylish and architectural trends. FirstLane provides a high bidirectional flow and safety without compromise. Its exclusive DIRAS detection system ensures precise user tracking for maximum safety and security. Even more intuitive and easy to use thanks to the new dynamic LED lighting, FirstLane combines high throughput with state-of-the-art detection.

















SAFETY

PREVENTS FINGER ENTRAPMENT and other impacts

ELECTRO-MECHANICAL DRIVE UNITS including:

- Controller for progressive accelerations and decelerations of the obstacles, for smooth movement and enhanced user safety
- Geared electromagnetic brake for locking of obstacles in the event of forced entry attempts
- Sensor monitoring the obstacle position

EUROPEAN STANDARD SAFETY EN 16005 COMPLIANT

Requirements regarding the strength of trapping and impact energy

EMERGENCY EXIT CERTIFIED, EN13637

SECURITY

BEST IN CLASS FOR FLOW AND ELECTRONIC DETECTION PROPRIETARY DIRAS DETECTION SYSTEM

- High-density matrix of infrared beams (every 22,5 mm) follows users' progression through the gate.
- Dynamic and predictive (size, position, direction)
 algorithms ensuring top of the class performance for
 fraud detection: tailgating, piggybacking, trolleys,
 children, u-turn, crossing, multiple entries...

MULTIPLE INTEGRATION CAPABILITIES (OPTIONAL)

The cabinet allows to integrate authentification solutions including:

- RFID, QRcode and barcodes readers
- · Biometric devices







AESTHETICS

- Modern and stylish look
- Aesthetic top cover in 8 mm thick monolithic tempered glass with black screen printing
- · DYNAMIC LIGHTING

USER EXPERIENCE

FUNCTION PICTOGRAMS for intuitive use

- High throughput, up to 60 users per minute
- Fast opening and closing of the obstacles
- Bi-directional movement















- Smart n' Slim monitoring panel for remote management of the turnstiles. It is a flexible command centre and allows for visualisation, control and consultation.
- elegant solution for managing one or two access control equipment areas remotely, via an Ethernet network.

ROBUST

STEEL FRAME

- · Robust and stable
- · RoHS anti-corrosion zinc plating treatment
- Housing is in painted steel and AISI 304L stainless steel

SIDE PANELS (OPTIONAL)

• Clear 8 mm thick tempered monolithic glass

OBSTACLES

· Clear 10 mm thick tempered monolithic glass obstacles

GREAT RELIABILITY

• 5.000.000 MCBF (Mean Cycles Between Failures)

CONNECTIVITY

TCP/IP COMMUNICATION enabled by embedded software allowing real-time monitoring and equipment configuration locally or remotely via a simple webbrowser as well as a diagnostic tool for complete maintenance.

INFORMATION TRANSFER BY

- XML-RPC interface Double Ethernet (IPV4 and IPV6)
- · CAN bus internal parts control and monitor and third party external peripherals controllable via serial communication
- Dry contacts (passage authorised, passage information, fraud, technical default...)

SUPERVISION (OPTIONAL)

• SmartTouch surveillance interface. Simple and

E FirstLane

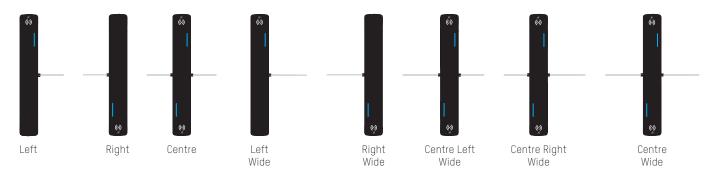
FirstLane

- Passage width: 600 / 900 mm
- Obstacle height: 910 mm
- Footprint (W x L): 990 x 1300 mm / 1290 x1300 mm





CABINET COMBINATIONS



CONFIGURATION EXAMPLES

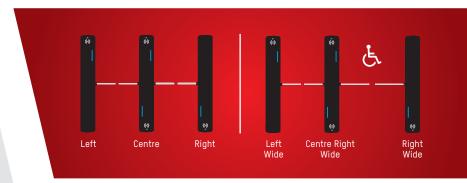
WORK TO BE PROVIDED BY THE CUSTOMER

- Bolting the unit to the floor
- Power supply
- Cabling between gates in the same array
- Cabling to any external peripherals
- Integration of any accessories

PRECAUTIONS FOR USE

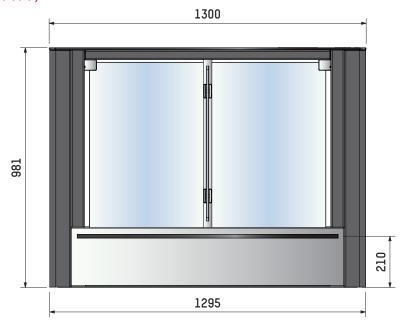
- For security reasons, children must be supervised by an adult at all times when in the vicinity of the unit and during passage through the lane.
- A child must always precede the accompanying adult when lane passage is required.

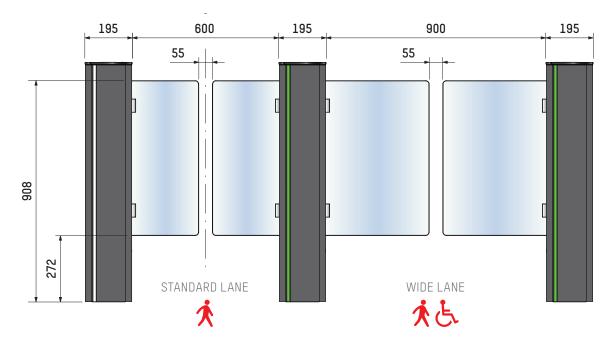
Note: Comply with the installation drawing With a constant view to adopting the latest technological developments, Automatic Systems reserves the right to amend the above information at any time.





DIMENSIONS (MM)





TECHNICAL SPECIFICATIONS

Electrical supply	Single phase 1	Single phase 110-240 VAC (±10%) – 5 A – 50/60 Hz + ground	
Power consumption	Standby:	20 W	
	Cycle:	35 W	
	Maximum:	80 W	
Motors (x2)	24 VDC — nominal output power 86W		
Passageway (L)	600 mm / 900 mm		
Min opening or closing times	0.7s	0.7s	
	(depending of p	(depending of passageway)	
Temperature range: operating	0°-50°C		
Humidity: operating	< 95%, no condensation		
Noise level	55 dB		
Weight	From 103 to 122 kg		
IP	40		
MCBF	5.000.000	5.000.000	
C€	Conforms to European standards		

HEADQUARTERS - INTERNATIONAL SALES AUTOMATIC SYSTEMS SA

Avenue Mercator 5 - 1300 Wavre BELGIUM T.:+32 (0)10 230 211 sales.asgroup@automatic-systems.com

LOCAL OFFICES IN THE WORLD

FRANCE

T.: +33 (0)1 30 28 95 50 (Persan office)
T.: +33 (0)1 56 70 07 07 (Suresnes office)
Email: sales.fr@automatic-systems.com

SPAIN

T.: +34 (0)93 478 77 55 (Barcelona office)
T.: +34 (0)91 659 07 66 (Madrid office)
Email: sales.es@automatic-systems.com

UNITED KINGDOM

T.: +44 (0)1604 65 42 10 Email: sales.uk@automatic-systems.com

UNITED STATES

T.: +1 516 944 94 98 Email: sales.nam@automatic-systems.com

CANADA

T.:+1 450 659 07 37 Email:sales.nam@automatic-systems.com

GERMANY

T.: +49 2303 553 4040 Email: sales.de@automatic-systems.com





Access controlled...
Future secured

www.automatic-systems.com