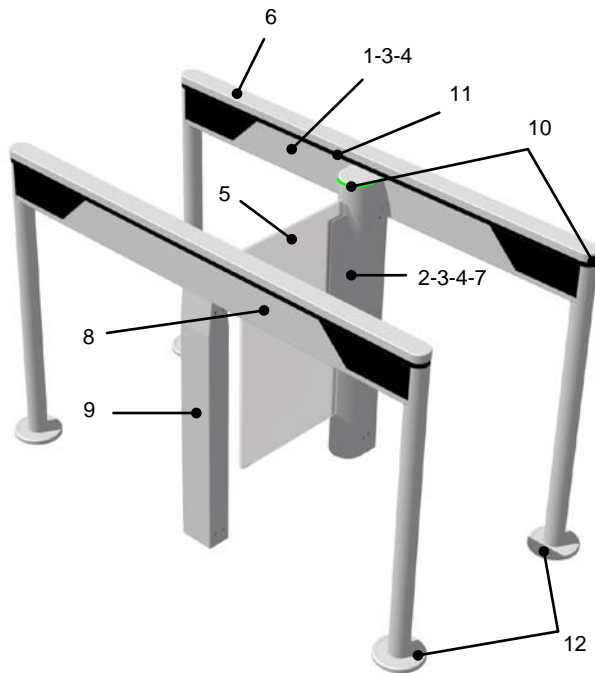


SlimLane



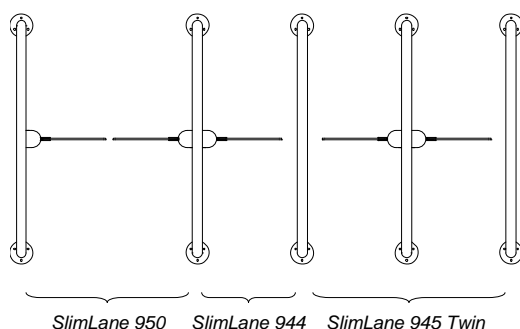
The SlimLane 944 single swing door security entrance lane offers a high bidirectional throughput and uncompromising security.

With its transparent, elegant design and minimal footprint, the SlimLane 944 is designed to integrate perfectly into any architectural style.

The SlimLane 944 offers a **single compact passageway**, suitable for confined installation spaces.

Equipped with high processing capacity and an exclusive detection system, the SlimLane 944 guarantees accurate user tracking and prevents any unauthorised use.

The SlimLane 944 is a modular product that can be installed as a single or a multi-lane array by combining with the SlimLane 945 Twin dual compact lane, the SlimLane 940 standard lane and SlimLane 950 wide lane models.



DESCRIPTION

1. Handrail frame: steel beam with RoHS anti-corrosion zinc plating treatment and stainless steel posts. The handrail includes photoelectric cells for user detection and the logic control board.
2. Self-supporting kinematic steel frame with RoHS anti-corrosion zinc plating treatment. The frame contains the electromechanical drive assembly for the swinging obstacle and the electronic control boards.
3. Brushed #4 AISI 304L stainless steel housing.
4. Brushed #4 AISI 304L stainless steel panels fastened to the frame for access to the internal components.
5. Clear, 10 mm thick tempered monolithic glass obstacle, swinging in the direction of user passage.
6. Brushed #4 AISI 304L stainless steel top cover.
7. Electromechanical drive unit consisting of:
 - A DC permanent magnet motor with epicyclic gearbox.
 - A controller providing progressive accelerations and decelerations of the obstacle, for smooth movement and enhanced user safety.
 - A geared electromagnetic brake for locking of obstacles in the event of forced entry attempts.
 - A sensor controlling the obstacle position.
 - SECURI-SAFE standard operating mode: electromechanical lock of the obstacle in case of forced entry attempt in any passage directions.
8. AS1167 logic control board, equipped with ARM technology and the Linux operating system, ensuring advanced traffic management. An embedded Web server, accessible by a simple web browser, offering an interface for the configuration of functional gate parameters as well as a complete diagnostic and maintenance tool.
9. Transfer of information through an Ethernet interface, USB and dry contacts: passage authorisation, passage information, reader locking, fraud, equipment failure, ...
10. Orientation and function pictograms indicating gate and passage status to the user.
11. Proprietary DIRAS detection system, consisting of a high-density matrix of infrared transmitter/receiver photocells beams. It follows users progression through the gate as well as ensuring their safety during opening/closing of the obstacles.
12. Finishing plate for post.

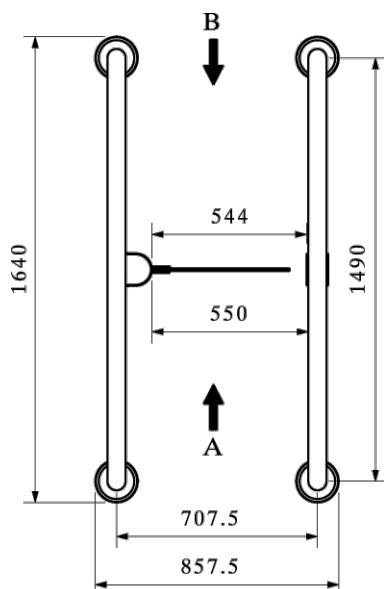
STANDARD TECHNICAL CHARACTERISTICS

Electrical supply	Single phase 110-240 VAC (+/-10%) - 5A - 50/60 Hz + Ground
Power consumption	Standby: 50 W Cycle: 110 W Maximum: 300 W
Motor	24 VDC – nominal output power 93 W
Min opening or closing times	0.9 s (Depending on the access control system reactivity and the speed of users)
Ambient operating T°	0 to +50°C
Ambient relative humidity in operation	< 95%, no condensation
MCBF	2,500,000 mean cycles between failures, with recommended maintenance.
Sound level	55 dB
Weight	Kinematic unit: 64 kg Handrail: 40 kg
IP	40
CE	Conforms to European standards

PRECAUTIONS FOR USE

- For security reasons, children (user smaller than 1 m tall) 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 absolutely precede the accompanying adult when lane passage is required
- If habitual use by children is anticipated, Automatic Systems recommends the addition of all options required to optimize the level of protection.

STANDARD DIMENSIONS (mm)



OPTIONS

1. Housing assembly in factory.
2. EGRESS operating mode: obstacle open in the direction of egress by a simple push.
3. Battery backup for automatic opening in case of power failure and obstacle locking mechanism in egress direction.
4. Clear, 10 mm thick tempered glass side panels.
5. Clear glass side panels with enhanced electronic protection and luggage protection cells (A and B directions).
6. Standard reader integration inside the unit.
7. Standard support bracket for external reader integration.
8. Reader post.
9. Black handrail cover.
10. Customised self-adhesive logo on obstacle.
11. Mobile leaf height: 1200, 1500 or 1700 mm.
12. Fixing frame to embed in the concrete, to fix the equipment and pass the electric cables.
13. Podium.
14. Monitoring panel.
15. Connectivity kit for Ethernet connection of one or more lanes to the network.

Note: For restrictions on options, refer to the price list.

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.

Note: Comply with the installation drawing.

