SLIMLT960

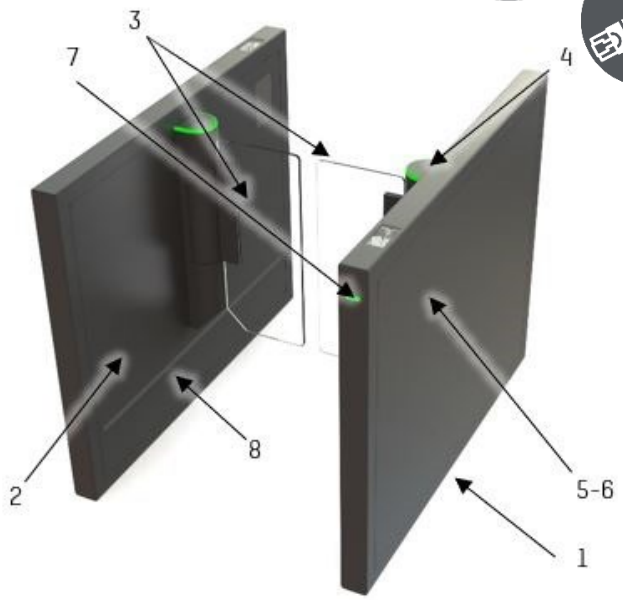
Technical datasheet

NAM-SLIMLT960-FT-EN-E

SlimLite

AUTOMATIC SYSTEMS

Access controlled...
Future secured

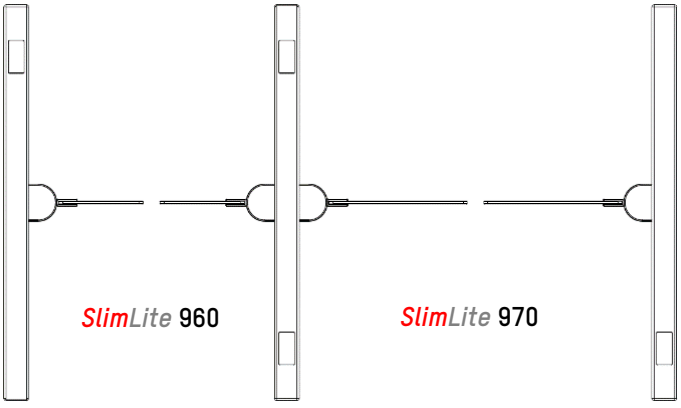


The *SlimLite* **960** double swing door security entrance lane offers a high bidirectional throughput while maintaining the safety and security of the users.

With its small footprint, the *SlimLite* **960** is designed to fit within most architectural style.

Equipped with high processing capacity and an exclusive detection system, the *SlimLite* **960** guarantees accurate user tracking and prevents any unauthorized use.

The *SlimLite* **960** is a modular product that can be installed as a single lane, or within a multi-lane array. It can be combined with the *SlimLite* **970** wide lane model.



DESCRIPTION

1. **Self-supporting steel frame** with a black anti-corrosion powder coated paint. The frame incorporates the electromechanical drive assembly that powers the moving obstacle and the electronic control boards.
2. **Black powder coated steel side panels** are fastened to the frame and when removed, providing an easy access to the internal components.
3. **Clear, 3/8 in (9.5 mm) thick tempered monolithic glass obstacles**, swinging in the direction of user passage.
4. **Electromechanical drive unit consisting of:**
   - A DC permanent magnet motor with an epicyclic gearbox.
   - A controller which provides progressive accelerations and decelerations of the obstacles, for smooth movement and enhanced user safety.
   - A geared electromagnetic brake for locking of the obstacles in the event of a forced entry attempt.
   - An optical encoder to monitor the obstacles position.
   - EGRESS standard operating mode: obstacles open in the direction of egress with a simple push.
   - Supercapacitor circuit board for automatic opening in the egress direction in case of power failure.
5. **AS1190 logic control board**, equipped with ARM 9 technology and Linux operating system, ensuring advanced traffic management. An embedded web server, accessible through a web browser, offering an interface for the configuration of the gate's functional parameters, as well as a complete diagnostic and maintenance tool.
6. **Transfer of information through an Ethernet interface**, USB and dry contacts: passage authorization, passage information, reader locking, fraud, equipment failure, etc.
7. **Static orientation and function pictograms indicating gate and passage status to the user.**
8. **Proprietary DIRAS detection system**, consisting of a high-density matrix of infrared transmitter/receiver photocell beams. It follows users' progression through the lane, as well as ensuring their safety during opening/closing of the obstacles.

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STANDARD TECHNICAL CHARACTERISTICS

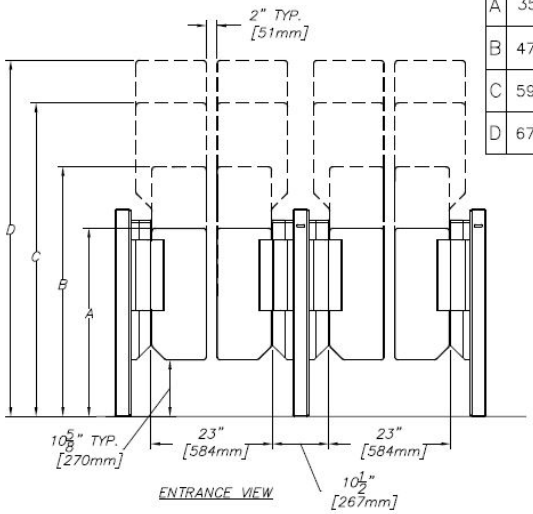
Electrical Requirements	15A @ 24 VDC 6A @ 120 VAC (optional)
Power Rating	40 W (at rest) 300 W (nominal) 480 W (peak)
Motor	24 VDC – 93 W
Passageway (W)	23 in (584 mm)
Min. opening and closing times	0.7 to 1.2 s (Depending on the access control system reactivity and the speed of users)
Installation Environment **(Indoor Use Only)**	Ambient temp: 32 to 122°F (0 to +50°C) Ambient humidity: Less than 95%RH (No condensing allowed)
Noise Level	55 dB (at two feet from the motor)
Net Weight	141 lbs (64 kg) (per left/right unit) 209 lbs (95 kg) (per intermediate unit)
IP Rating	40
Certification	As per UL 2593, File E210350

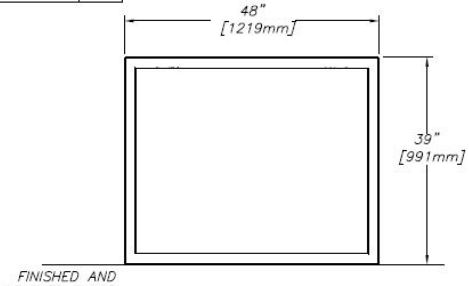
PRECAUTIONS FOR USE

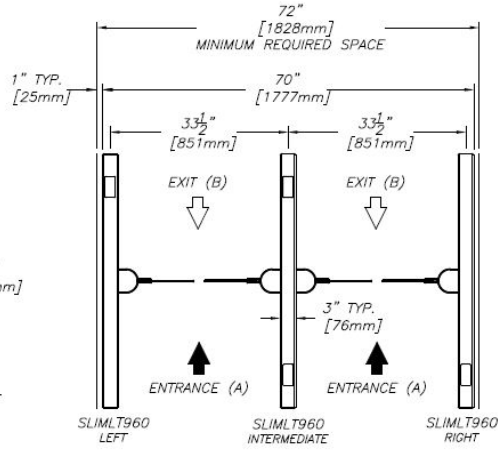
- For security reasons, children (users smaller than 39" tall) must be supervised at all times by an adult when in the vicinity of the unit and during passage through the lane.
- A child must absolutely precede the accompanying adult.

Please refer to the project specific installation drawings provided.

	OBSTACLE HEIGHT	
A	35 7/16" [900mm]	STD
B	47" [1194mm]	OPT
C	59" [1499mm]	OPT
D	67" [1702mm]	OPT







OPTIONS

1. 120 VAC Power supply.
2. SECURI-SAFE operating mode: electromechanical locking of the obstacles in case of a forced entry attempt, in any passage direction.
3. High glass obstacle options available: **47"** [1194mm], **59"** [1499mm] and **67"** [1702mm].
4. Standard reader integration within side housing.
5. Barcode reader integration under the top surface*.
6. Customized logo on moving obstacle.
7. Laminated glass moving obstacle.
8. Raised bases.
9. Ramps.
10. Monitoring panel (*Smart & Slim*, *Smart Touch* or the Push Button Control Panel).
11. Connectivity kit for Ethernet connection of one or more lanes to the network.
12. Customized powder coated color.
13. Custom glass obstacle for a maximum passage width up to 38 inches (gap of 2 inches between both obstacles).

For restrictions on options, please speak to your sales representative.

*** QSCANT-OGO-ASA reader only.**

WORK TO BE PROVIDED BY OTHERS (NOT SUPPLIED)

- Performing the electrical interconnections and connections to the power grid.
- Performing the connections to the access control systems.
- Anchoring the equipment with the appropriate specific floor type hardware.