

TL 2

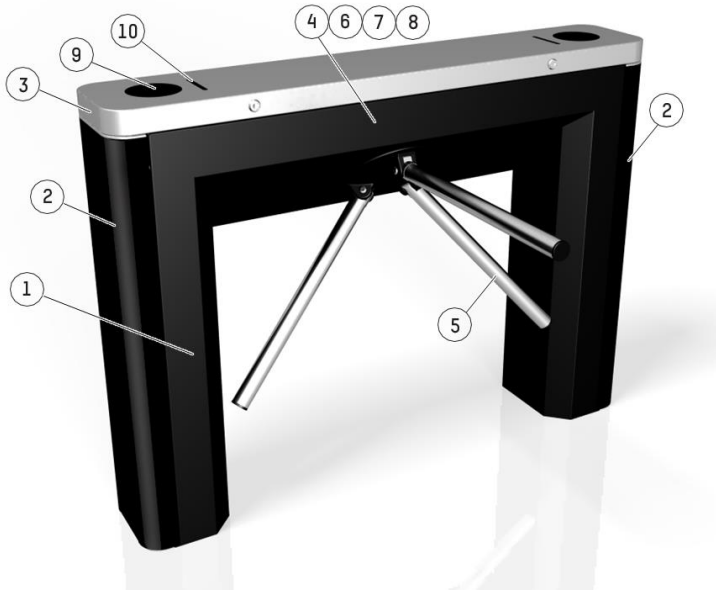
Technical Data Sheet

NAM-TL 2-FT-EN-6

 **TriLane**

AS **AUTOMATIC**
SYSTEMS

Access controlled...
Future secured



The TriLane Tripod turnstiles offer dissuasive automated access control. They can integrate access control devices such as: card readers, coin/token receptacle, ticketing system, etc.

The Tripods' robust and reliable mechanical design comes with various configurations to suit different types of pedestrian entrance control.

The TriLane turnstile can include an optional anti-panic device which, in the event of a power failure, unlocks the arm from the secured horizontal position and drops it instantaneously to the vertical position. The result is a completely unobstructed passageway for emergency egress. The arm can manually be put back into the secured horizontal position to return to regular usage

The TriLane turnstiles can be installed indoors or outdoors in single or multiple lane configurations.

PRODUCT DESCRIPTION:

- 1. Cabinet** made of painted steel.
- 2. Front and Rear sections** are made of aluminium and are designed to incorporate access control equipment in both the entry and exit directions.
- The **Removable top cover** made of stainless steel and lockable by key provides easy access to the TriLanes' internal mechanism.
- TriLane mechanism:** locking is assured by electromagnets and locking bolts, mounted on self-lubricating bearings. Depending on the operational mode selected, an anti-pass back feature can prevent the arm from rotating in the other direction (bidirectional as standard and unidirectional is optional).
- AISI 304 stainless steel arms.**
- AS1635 logic board.**
- Dampening system** for progressive slowing down of the arm rotation.
- Network connectivity (IP).**
- Location for reader integration.**
- Orientation and function pictograms** indicating gate and passage status to the user.

OPERATIONAL CONFIGURATIONS:

The **TriLane** turnstile can operate in 5 different modes for each passage direction

- Access permanently free.
- Access permanently mechanically locked.
- Access mechanically locked with automatic unlocking device to allow free passage in case of power failure (*free Rotation*).
- Electrically controlled access
- Access electrically controlled with automatic unlocking device to allow free passage in case of power failure (*free Rotation*).

STANDARD TECHNICAL CHARACTERISTICS

Power requirement	120V single phase 60 HZ
Consumption per lane	Max 20W (nominal)
Motor	24V DC
Passage (W)	21" [533 mm]
Ambient operating T° (without optional heater)	-10° to + 50°C (14° to 122°F)
Throughput	20 passages/ minute
MCBF (mean cycles between failure)	5.000.000 cycles
Weight	60 kg (132 lb)
IP	44
Certification	CSA

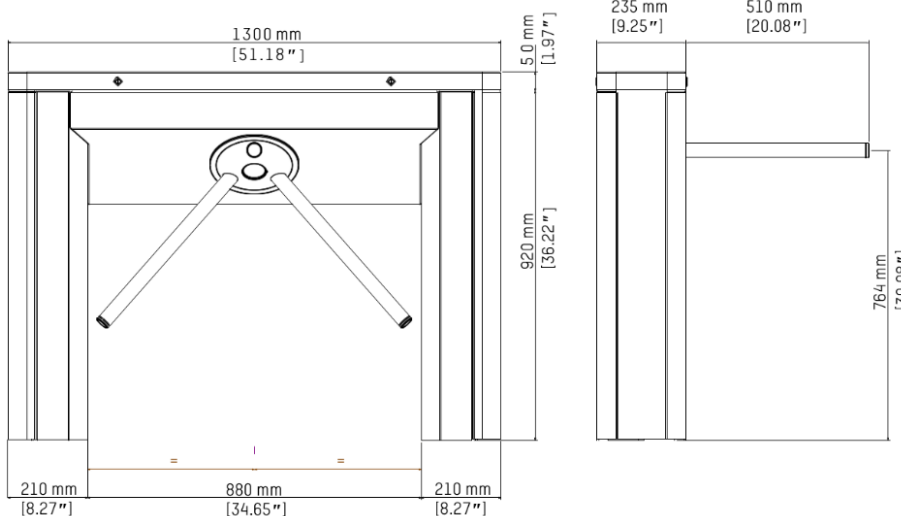
OPERATING MODES:

Direction A = housing at right hand side of the walkway

Direction B = housing at left hand side of the walkway



STANDARD DIMENSIONS (mm & inches)



OPTIONS:

1. Collapsible Arm.
2. AISI 304 stainless steel cabinet.
3. AISI 304 stainless steel front and rear sections (2 directions).
4. Non-standard RAL color.
5. Heater (up to -4°F / -20°C).
6. Dual heaters (up to -40°F / -40°C).
7. Reader integration
8. Raised base
9. Ramp
10. Monitoring Panel (Smart'n Slim, Smart Touch, Manual Control Panel)
11. Crawl under and jump over detection.
12. Dummy cabinet

SURFACE TREATMENT:

All internal parts are treated to prevent oxidization.

WORK TO BE PROVIDED BY THE CUSTOMER:

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

All work should be performed as per the implementation and interconnection diagrams provided.