TL 2

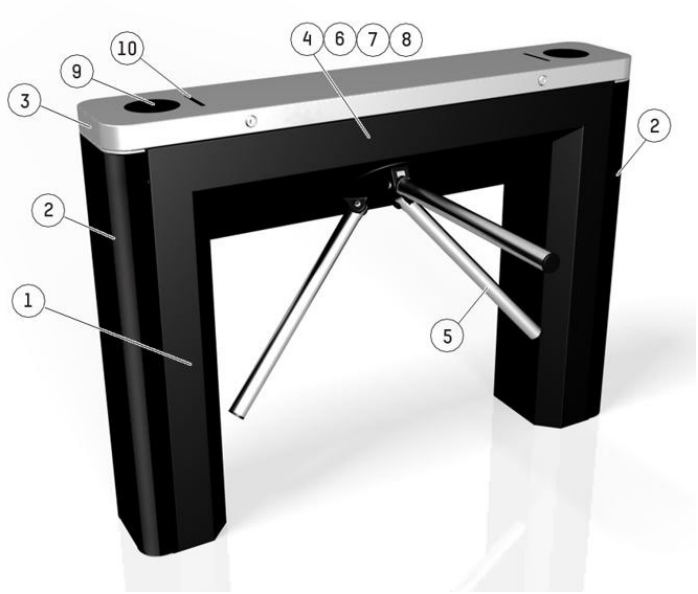
Technical datasheet

NAM-TL 2-FT-EN-H

AUTOMATIC SYSTEMS

Access controlled...
Future secured

TriLane



The *TriLane* **TL 2** tripod turnstile provides cost-effective and dissuasive automated access control. Access control devices can be integrated, such as: card readers, coin/token receptacle, ticketing system, bar code scanners, facial recognition cameras, etc.

The *TriLane* **TL 2** tripod robust and reliable mechanical design comes with various configurations to suit different types of pedestrian entrance control.

The *TriLane* **TL 2** 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* **TL 2** turnstile can be installed indoor or outdoor (with the right option added), in single or multiple lanes configurations.

DESCRIPTION

1. **Cabinet** made of painted steel.
2. **Front and Rear sections** are made of aluminum and are designed to incorporate access control equipment in both the entry and the exit directions.
3. The **removable top cover** made of 304L stainless steel and lockable by key provides an easy access to the unit's internal mechanisms.
4. **Tripod mechanism:** locking is assured by electromagnets and locking bolts, mounted on self-lubricating bearings. Depending on the operation mode selected, an anti-pass back feature can prevent the arm from rotating in the other direction *(bidirectional as standard and unidirectional is optional).*
5. **AISI 304L stainless steel arms.**
6. **Proven and reliable internal logic board (AS1635).**
7. **Damping system** to progressively slow down the rotation of the arm providing a smooth rotation.
8. **Network connectivity (IP).**
9. **Available locations for access card reader integrations.**
10. **Static function pictograms indicating the turnstile and passage status to the user.**

OPERATIONAL CONFIGURATIONS

The *TriLane* **TL 1** turnstile offers 5 different operating modes per passage direction:

- Free Access.
- Mechanically locked access.
- Mechanically locked access 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).*

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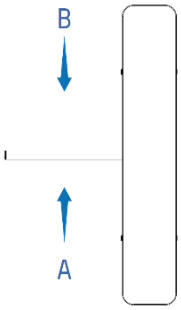
STANDARD TECHNICAL CHARACTERISTICS

Electrical Requirements	120V single phase 60 HZ
Power Rating	Max. 20 W (Without any heating option)
Throughput	20 passages per minute (Depending on the access control system reactivity and the speed of users)
Installation Environment **(without optional internal heater)**	Ambient temp: 14 to 122°F (-10 to +50°C) Ambient humidity: Less than 95%RH (No condensing allowed)
MCBF (mean cycles between failure)	5.000.000 cycles
Net Weight	132 lbs (60 kg)
IP Rating	44
Certification	

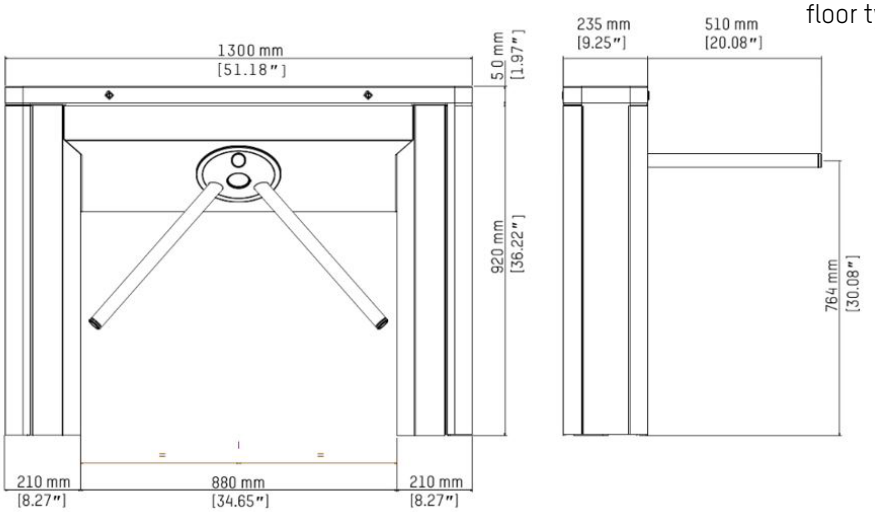
OPERATING MODES

Direction A = housing located at the right-hand side of the passageway.

Direction B = housing located at the left-hand side of the passageway.



STANDARD DIMENSIONS



OPTIONS

1. Collapsible Arm.
2. AISI 304L stainless steel complete cabinet.
3. AISI 304L stainless steel front and rear sections only *(both directions)*.
4. AISI 316 stainless steel cabinet (with dummy cabinet).
5. Non-standard RAL colors.
6. Internal heating *(to withstand an ambient temperature down to -4°F / -20°C).*
7. Dual Internal heating *(to withstand an ambient temperature down to -40°F / -40°C).*
8. Access card and barcode reader integration*.
9. Ramps*.
10. Monitoring panel (*Smart & Slim*, *Smart Touch* or the Push Button Control Panel).
11. Emergency exit push button.
12. Fraud detection "jump over" & "crawl under" with TOF sensor*.
13. Dummy cabinet.

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

SURFACE TREATMENT

All internal parts are treated to prevent oxidization.

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.

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