



## ACCESS CONTROL



Eldorado Business Tower • São Paulo SP • Brazil

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Digicon turnstiles were developed to offer a higher level of differentiation and flexibility to access control and security integrators. Digicon offers a wide range of turnstiles that suit different applications with an exceptional cost-benefit ratio.

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**digicon**



Eldorado Business Tower - São Paulo



FIERGS Administration - Porto Alegre



Italy - Roman Forum



Slovakia - Hockey Stadium

# Access Control

Digicon turnstiles benefit your access control solution:

- Largest manufacturer of three arm turnstiles in Brazil
- Dependable, strong and economic
- Unique electromagnet locking mechanism
- Hassle free turnstiles

Ideal for:

- Stadiums
- Gyms
- Airports
- Hospitals
- Public Transportation
- Parks
- Schools
- Office buildings





## catrax plus



Anti-panic, drop arm system: the arm drops automatically leaving the passage free in case of an emergency

- ▶ Arms with 90-degree passageway allow for a smooth turn and lessen the impact of the turnstile arm
- ▶ Unique visitor card collection mechanism (optional)
- ▶ Also available in the "kids" version, specially developed for schools, leisure clubs, etc

## catrax clip



- ▶ The horizontal, bidirectional movement of the arm allows patrons to pass smoothly through the turnstile
- ▶ Catrax Clip was specifically designed for disabled people

## catrax master



- ▶ Rear panel offered in different materials allows a high level of customization
- ▶ Two support columns offer plenty of room for integrating other access control products

## catrax fit



- ▶ The best option for projects where price, quality and aesthetics are the biggest concern
- ▶ Reliability and Safety
- ▶ Easily Mounted and Maintained
- ▶ Longer Arm with anti-panic, drop arm system

## catrax show



- ▶ Retractable wheels to facilitate mobility
- ▶ Metal base to simplify installation
- ▶ Customizable
- ▶ Designed for events

## catrax stadium



- ▶ Accepts several types of tickets
- ▶ Developed for use in sporting events, it is the best solution for arenas and stadiums

## Options

Catrax turnstiles are flexible and have options that complement its functionality.



- ▶ Pictograms indicate access permission status and direction of flow to users



- ▶ Microprocessor controller board allows for total integration with a variety of access control solutions



- ▶ Visitor Card Collection kit: Collects visitors' cards at exit. Less "card loss"

# Full Height Turnstile



- ▶ Three arm, bi-directional turning mechanism. Locks activated by optical sensors and electromagnets for low maintenance in any environment;
- ▶ Full round base reduces vibration, thereby increasing mechanical and electronic life spans;
- ▶ Manufactured with high strength square steel tubing. Welded arms and structure provides for the highest level of security and protection against vandalism and unauthorized intrusion;
- ▶ Electrolytic zinc, electrophoresis base paint and epoxy powder coating makes the TX Lite ideal for indoor, outdoor and aggressive environments;
- ▶ Locking mechanism based on the unique and internationally proven technology of electromagnets;
- ▶ 9 Central arms in stainless steel for increased resistance and cleanliness on user touched surfaces;
- ▶ Special supports on the top cover ease the integration process with electronics and other security devices;
- ▶ Security key lock to access top cover;
- ▶ Safety device on top cover avoids unwanted accidents during installation and maintenance;
- ▶ Supplied dismounted for easy installation and reduced transport costs.

## OPTIONS

- ▶ Support Column. Used to house badge readers, biometric devices and other application hardware. The support column can also be supplied with a badge retaining unit.
- ▶ Full Height Turnstile Controller Board: easy integration with any access control hardware.
- ▶ Full Range Power Supply. 90 up to 250 VAC input. 12VDC output. Short circuit protection.

## automatic

Automatic technology allows the turnstile to follow the user's movement, providing a smooth, quiet and safer passage. This is only possible because every turnstile has a motor and a controller that, in addition to managing the movement of arms, facilitates integration with various access control systems.



## TECHNICAL SPECIFICATIONS

- ▶ Bidirectional system
- ▶ Electro-mechanical locking bars of hardened steel, prevents unauthorized access
- ▶ Alarms for turnstile violation
- ▶ Configurable modes for automatic or call rotation (when the user is permitted to access the arm makes a small movement to warn that the turnstile is released)
- ▶ Drop arm device with automatic reset
- ▶ Option for collector and pictograms
- ▶ Automatic controller board:
  - Allows easy integration with other controllers
  - Allows configuration of the rotating speed of the arms
  - Dip-Switches programming
  - Serial Communication RS-232 - Allows programming of the various settings, as well as send and receive commands to release access

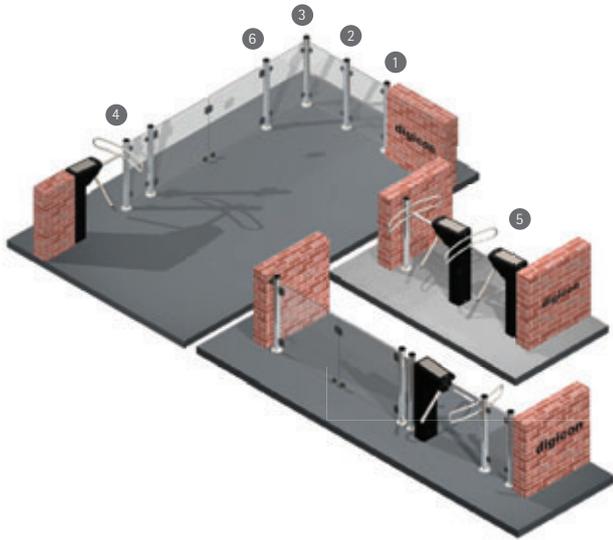
## MOTOR SPECIFICATIONS

- ▶ Three phase brushless servo motor
- ▶ 24V supply
- ▶ Consumption during the turn: 36W / Standby Consumption: 1.2W
- ▶ Maximum torque: 1kgf / m
- ▶ Positioning system: 10-bit absolute encoder

# Post and Rail Barrier Sections



Digicon has developed a series of barrier sections for access control projects using turnstiles. Manufactured with the finest materials and finishes, they ensure excellent presentation and quality to your project.



## Barrier Sections

- 1 Basic post and rail
- 2 180 degrees post and rail
- 3 90 degrees post and rail (for corners)
- 4 Pedestal body pass
- 5 Body pass for turnstile installation
- 6 Post for gate installation

## Global Presence



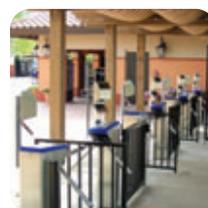
Colombia



Czech Republic



Peru



USA



Italy



Mexico



## Always on the move

Digicon exists to facilitate the movement of people. In traffic, in the cities, in life. We have tradition, renowned quality and willingness to make possible the dreams of our customers. With technological excellence and verticality of production processes, we develop solutions for transit, public transportation, parking, access control, time clocks and built to print components.

Gaining people's trust. Innovating with quality. Solving complex challenges. This moves the world. This moves our world.



Urban Traffic Control Solution



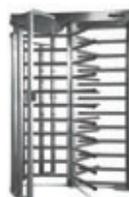
Integrated Ticketing Solution



Parking Meter



Aerospace Components



Access Control Solutions



Laser and CNC punch presses



Robot welders



Assembly and Automatic insertion of electronic components



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DIGICON reserves the right to modify without notice the characteristics of these equipments.

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