



Security
access



Robust
construction



Configuration
flexibility



Easy
installation



Connectivity

● Robustness and Elegance for All Spaces

The dTower combines robust construction and innovative design, making it the ideal solution for projects with limited space and budget. This compact speed gate blends in a variety of environments, such as commercial buildings, gyms and clubs. With its durable materials, including stainless steel and tempered glass, the dTower ensures long-lasting performance and aesthetic appeal.

● Secure Access with Intelligent Control

The dTower features a motorized system for opening and closing access doors, which are activated after identification and authorization of the authorized user. A sensor system is used to detect and prevent unauthorized entry or tailgating attempts, as well as to ensure the personal safety of users. Equipped with operational pictograms, it facilitates use, improves user experience, and enhances security in access control.

● Passage Module Configuration

To form a passage, two modules are always required. On the right side, when observing the passage from the free area towards the controlled area, there will be a Receiver Module; on the opposite side, on the left, there must be either a Transmitter Module or a Receiver/Transmitter Module in cases where there is more than one passage.

Technical Information

Specification	Parameter
Interfaces	RS-232
Connectivity	The dTower integrates with access control systems via dry contact inputs and outputs, enabling precise door operation and broad controller compatibility.
Inputs/Outputs from and to access control system	Via dry contacts or commands through the RS-232 interface.
Construction	Stainless or epoxy-coated steel, 10mm thick glass doors, brushless motor, and integrated pictograms
Weight	85kg per packed module approx.
Power Supply	100 ~ 240VAC
Power Rating	Standby: 53 W Operation: 73 W
Sensors	The dTower has 2 pairs of infrared sensors at waist height to detect passage, ensure safety, and prevent unauthorized access
Audible and visual indicators	An audible alarm Top operation pictograms and front orientation pictograms with high-brightness RGB LEDs.
Operating temperature	0°C ~ 50°C
Certifications	CE Mark

Specification	Parameter
Features	Bidirectional doors, indicators, safety modes, adjustable times, brushless motor, and tailgating detection for secure access.
Reliability	Mean Time Between Failures(MTBF): Greater than 10,000 hours Mean Cycles Between Failures(MCBF): Greater than 8,000,000 cycles
Product Differentiators	• Brushless motor; • Control board dedicated to motor control and movement; • Electromechanical brake.



Additional Features Overview

Specification	Parameter
Internal Chassis	Internal carbon steel chassis with 2–6 mm thickness increases structural rigidity, reducing vibration during operation. This protects internal electronics and extends the product’s lifetime.
Brushed Stainless Steel Housing	2mm thick brushed stainless steel casing ensures high external robustness, reducing susceptibility to cracks or plastic deformation.
Brushless Motor	Contact-free motor technology ensures extremely long lifespan. Combined with Digicon's mechanism, it achieves over 8 million MCBF cycles, reducing maintenance needs and maximizing ROI.
Full-Range Power Supply	Compatible with a wide voltage range (90-240VAC), adapting to various infrastructure standards.
Sensors Safe Mode	Infrared sensors act to protect the user present within the internal field of the equipment, preventing the door from closing on the user.
Normally Open Electromechanical Brakes	Locking system activates only during unauthorized access attempts, minimizing mechanical wear and extending system durability.
Preventive Maintenance	Required only after 6 months. In environments with excessive dust, heat/sunlight, humidity, or vibration, perform maintenance more frequently to ensure optimal performance and longevity.

dTower Receptive configuration

