



Security
access



Robust
construction



Configuration
flexibility



Easy
installation



Connectivity

● Robustness and Elegance for All Spaces

The dGate is robust and reliable, designed to last and perform well for many years, whether in commercial buildings, clubs, or hospitals. In addition to being strong, it also features a modern look that complements any environment. With dGate, you are assured of choosing a high-quality product that will exceed all expectations while enhancing the beauty of your space.

● Secure Access with Intelligent Control

The dGate features a motorized system for opening and closing access doors, which are activated after identification and authorization of the authorized user. A sensor (positioned at medium height and leg height) 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	Due to its inputs and outputs enabled via dry contact, the dGate can be integrated with almost all access control boards available on the market.
Inputs/Outputs from and to access control system	Via dry contacts or commands through the RS-232 interface.
Construction	Available models with SW-type doors (Swing Doors - pivot doors), made of glass or 12mm thick polycarbonate.
Weight	From 150kg to 175kg per packed module
Power Supply	90 ~ 240VAC
Power Rating	45 ~ 60 W 15 ~ 25 W 40 ~ 60 W
Sensors	Ten infrared (IR) sensors in the passage corridor positioned at mid and low height, including two pairs of sensors composing a safety zone.
Audible and visual indicators	An audible alarm Top operation pictograms and front orientation pictograms with high-brightness RGB LEDs.
Operating temperature	0°C ~ 40°C
Certifications	CE Mark

Specification	Parameter
Operational states	Controlled - Allows only users with valid credentials Free - Does not require credentials to grant access Locked - Does not grant access, even for users with valid credentials
Features	The system includes selectable and independent passage control modes for entry and exit, door speed configuration (both for opening and closing), access control with open doors, anti-crushing system, passage timeout, direction and user return detection, stopped user detection, module intrusion detection, "tailgating" detection, asset security mode, and accumulation of passage authorizations.
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; • Top cover and side panels made of stainless steel or tempered glass; • 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.
Anti-Crushing Sensors	Crossed IR sensors detect user presence in the swing door area (configurable range), avoiding accidents and potential legal liabilities.
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.

dGate SW Receptive configuration

