



JUST GO.



A NEW CONCEPT IN ACCESS CONTROL GATES: CONTINUOUS FLOWS AND NORMALLY OPEN DOORS.

dFlow is **FREE FLOW**, ushering new levels of comfort and security. Instead of obstructing users, these are instead welcomed with a fully open passageway and a distinctive system of visual identification. In the event access is not granted, the gate doors will close in proportion to the proximity and speed of the non-authorized user. All this thanks to a revolutionary imaging system, which monitors the entire gate instead of a limited number of specific sectors.

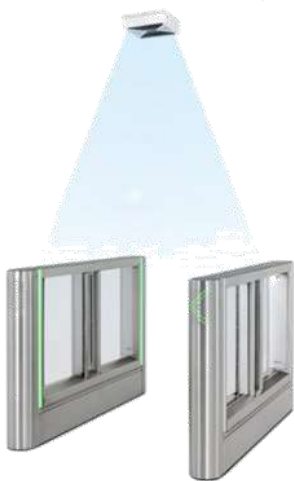
Comfort With Bidirectional Flow

Can be configured for unidirectional or bidirectional access in widths ranging from 500mm up to over 914mm. By precisely identifying unauthorized users, dFlow technology allows a 914 mm (36") gate to be used by ordinary and special needs users with the same or better effectiveness than the traditional 560 mm (22") or 711 mm (28") gates.

First Gate Ready For Unicity

Uniqueness in access control is the ability to identify each user and associate a non-transferable credential with it. dFlow is the first gate in the world capable of individualizing users in the control software even in extreme situations such as tailgate and side-by-side passage. At the time of access validation, the sensors and algorithms identify the valid user's position and follow their movement throughout the passage area.

digicon



Innovative Imaging System



Closing Mechanism



Distinctive User Windows

The imaging system is equivalent to an almost infinite number of traditional IR sensors. The algorithm is able to accurately identify people and ignore objects such as bags, hats, caps, backpacks, cell phones and others. It can also identify and track multiple users entering or leaving the passage area. The result is very reliable identification of tailgate and/or piggyback attempts.

The doors are fast moving, featuring a swing gate design. Advanced algorithms allow them to close at a velocity proportional to the speed, position and direction of one or more unauthorized users in the passage area. If needed, complete closing in 0,5s is possible.

Indicative LED "windows" follow the user through the gate with a wide range of colors for different user groups. The result is more comfort for the user and more security and information for the access control system. For example, in a school application students can be set to green, educators to yellow and authorized family members to blue.

TECHNICAL INFORMATION	
Interfaces	8 opto-isolated inputs
	4 relay outputs
	Interface RS232 port
	TCP/IP connection
Connectivity	Due to its programmable inputs and outputs the gate can integrate to almost every access control board available on the market. If necessary, the also available TCP/IP interface gives another level of passenger information, with X,Y position inside the passageway, average speed and precise entrance and exit date/time.
Construction	Housing: gate housing in stainless steel Door wings in polycarbonate, 12 mm
Weight	Gate cabinet (each): 190 kg
	Overhead sensor: 4,2 kg
Consumption	Initialization: 140 ~ 150 W
	Operation (idle): 120 ~ 140 W
	Operation (two doors in motion): 120 ~ 160 W
Dimensions	Passageway of 920mm wide and 1600mm long
	Each cabinet has 160mm
	One meter before and after the gate have to remain free of any objects
	Overhead sensor at 3000mm +/-150mm height (118.11" +/- 5.9")

