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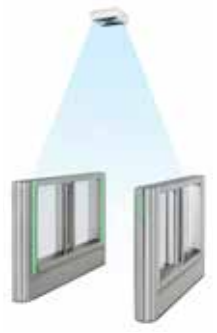


Innovative Imaging System

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.

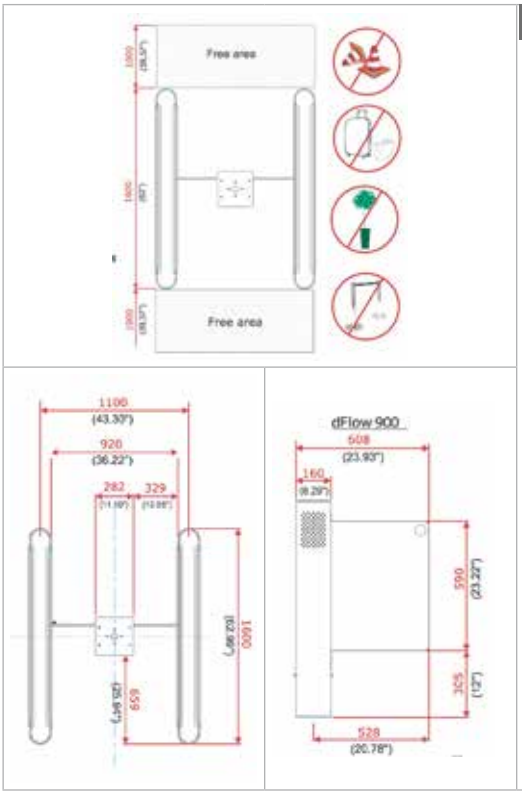
Closing Mechanism

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.

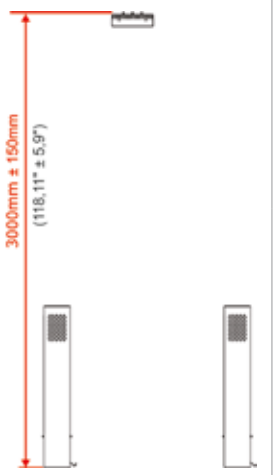
Distinctive User Windows

Indicative LED "windows" follow the user through the gate with a wide range of clolors 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")



INSTALLATION



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