



dPass Gate, purpose new levels of comfort and security. All this thanks to a revolutionary imaging system, which monitors the entire gate instead of a limited number of sensors.

With dFlow Tecnology 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.

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

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. Software failsafe opening available for more safety.

Distinctive User Windows

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 an application users with access can be set to green (or others colors as well), and not authorized to red (or others colors as well).

TECHNICAL INFORMATION	
Interfaces	8 opto-isolated inputs
	2 relay outputs
	Interface RS232 port
	TCP/IP connection
Connectivity	If necessary, is available TCP/IP interface gives another level of passenger information
Construction	Housing: gate housing in stainless steel
	Door wings in polycarbonate, 12 mm
Doors	Push force opening when closed: 15kgf ¹⁾
	Push force opening when unpowered: 0,6kgf ¹⁾
Weight	Gate cabinet (each): 65 kg (each Gate need four cabinets)
	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 940 mm wide and 2200 mm 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")

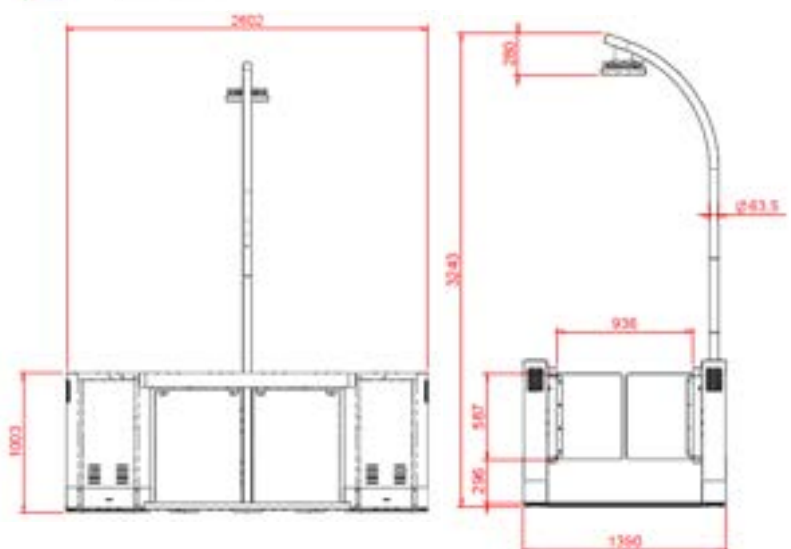


Figure with some dimension