

## MOTORIZED GATE PORTAL FOR ACCESS CONTROL

**GATE BOX** is a pioneering product thought to meet the needs of modern air terminals to be safe, usable and welcoming at the same time. By a **GATE BOX** suitably installed at an airport exit line, (i.e. the passengers' exit point) it is possible to avoid the transit of people in the opposite direction to the exit flow. Beside by the **GATE BOX** it is also possible to eliminate the hazard of the introduction of danger objects, inside the restricted area of the air terminal, through the passengers' exit point (explosives, weapons, knives, blades and so go on). This process works in an automatic way without asking for the presence of guards. **GATE BOX** is an exit portal utilizing a very high detection technology. It presents an interlocking and automatic functioning to allow a high flow of one-way transits of passengers. Made by very thin sections and an elliptic base the **GATE BOX** can rest on already existing floors too. It presents large glasses and suitable uprights just to allow fixing it to already existing fixtures. The **GATE BOX** is available in different versions, (included the disassembled one), finishing and painting such as embossed finish, painted in the RAL table colors etc. On request it can supplied with gloss finish, stainless coating, bronze, aluminum or others.

### STANDARD EQUIPMENT

1. Frame: section bar in pressed steel 3mm thick.
2. Frame structure painted in smooth or embossed RAL colours or stainless steel/aluminium coating.
3. Curved glass 21/22mm thick P7B (EN 356) - BR2 (EN1063).
4. Functioning by interlocking doors.
5. ATM/CARD reader for functioning in self areas.
6. Door releasing system for external door provided with functioning certification in self areas.
7. Programming remote console with interphone system.
8. Light signalization system.
9. Sensors for door opening.
10. Vocal digital communications for guide of users in transit.
11. Closing security block by mechanical key.
12. First entry/night closing key.
13. Security sensors.
14. Predisposition for access control by card readers, fingerprint readers, face readers, connections (RS 232 RS 485).



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#### OPTIONAL EQUIPMENT

- A. Self management to check the internal space by a SUN sensor to detect the objects left inside.
- B. Metal detector inside the structure.
- C. Automatic reset after the alarm of metal detector.
- D. PBS exclusive weight system to allow the transit of only one person at a time.
- E. Internal micro camera.

#### TECHNICAL FEATURES

Power Supply	220V +/- 10%, 50Hz		
Maximum power absorb	200W		
Working Temperature	- 10° C / 55° C		
Backup Battery	n.2 sealed lead-acid batteries to allow the right for functioning in case of lack of power.		
Motors	n.2 24Vcc motor for reversible movement of the wings, with closing safety lock.		
Operating logic	programmable with microprocessor with n.1 lines RS232, n.1 RS485.		
Accident prevention	security sensors on the doors upright both in enter and exit, and check system to grant the adjustment of the motor torque.		
Transit speed	- 6 passages per minute in one direction - 8/9 passages per minute in both directions (such data do not consider the possible working times due to utilization of card/badge readers).		
Dimensions	Total dimensions (mm):	Height	2400
		Width	1485-1935
	Passage dimensions (mm):	Height	2075
		Width	900
Weight	1200 Kg - 1650 Kg		
MCBF	2 yrs. or 1 000 000 passages if the ordinary maintenance is properly applied.		
MTTR	1 h		
CE	In compliance with European Directives		

