



### **MOTORIZED SECURITY DOOR**

ROTANT IV is an access philosophy of rotating turnstile with a metal detector incorporated into the structure, it is the answer to the need of security for high fluxes of transit and passage. It is a monobloc with a slim and of circular base of easy positioning with wide lateral glass curved walls flat shutters and steel curves and a central glass turnstile with four sectors. Varnished with embossed finish in the RAL colours or at request (glossy finishes in inox coating, bronze, alluminum etc.)

#### **TECHNICAL FEATURES**

- Autonomous control of the room with a SUN sensor for the sensing of objects deposited at the inside only by passage of 70cm (optional)
- Metal detector inserted in the structure only by passage of 70cm (optional) Internal
- Internal microcamera (optional)
- PBS Anti piggy backing system for the control of the transit of one person at a time. (optional)
- Command Console programmable by intercom
- Semaphoric system
- Digital vocal communication for the guide of the transit users
- Security block in closer with mechanical lock
- First in last out key
- Security sensor
- Predisposition for access control with badge, fingerprint readers, facial readers, connections (RS 232 RS 485) access



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**ELECTRICAL SYSTEM**

*Power Supply:* 220v +/- 10%, 50Hz

*Maximum power absorb:* 200W

*Temperature:* -10° / 55° C

*Buffer Battery:* functions in case of absence of power

*Motors:* n.2 motors 24Vcc for reversable movement of the shutters, with security block for closure. Opening of both the shutters in case of emergency

*Logistic management:* programmable with microprocessor with n.3 lines RS232 (n.1 RS232 reserved)

n.2 RS485

*Metal detector:* placed on the inside of the structure (as option)

*Console:* for the management of the compass, with interphone

*Lighting:* Internal room spot light

*Accident prevention:* photocell on vertical rod of the doors both of entrance and exit and control system which guarantees the regulation of the motors

**STRUCTURE**

*Frame:* monobloc with section bar and plate in pressed steel bent 3mm

*Crash:* curved lateral layered glass 26\27mm in class P6B (EN356) BR3 (EN1063)

*Finishing:* embossed finish in RAL colours, smooth as sample

**FUNCTIONS AND OPERATIONS**

*Type of reset:* automatic after the alarm of the metal detector (in option)

*Anti piggy backing:* electronic control system in the inside transit room to avoid access to two people at the same time

*Transit Speed:* 6 passages at the minute in entrance and exit.

**DIMENSIONS AND WEIGHT**

*Dimensions:*

*Height* 2400mm

*Passage dimensions:*

*Height* 2000mm

*Width* 840mm

*Weight:* 1400kg

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SECURITY DOOR****Technical Features**