

DESCRIPTION



The revolving security doors of the **RevLock** range are designed to ensure a secure access control and management of the pedestrian flow.

Consisting of a steel frame, glass panels and a painted steel housing, the revolving security doors of the **RevLock** range provide good thermal insulation and a high visibility in their surrounding environment.

The revolving security doors of the RevLock range are motorized and bidirectional.

The **RevLock 603** revolving security door is equipped with 4 mobile obstacles angled at 90° and offers a free passage of 1350 mm and an external diameter of 1940 mm.

1. **Painted steel upper casing** contains the drive mechanism and the control board unit of the security booth.
2. **Mobile obstacles** in clear laminated glass, 12/13 mm thick.
3. **Curved side walls** in clear laminated glass BR2 (EN1063), P6B (EN356), 19/21 mm thick.
4. **Control board unit & motorisation** comprising:
 - Programmable electronic board
 - Remote console for operating mode adjustment
 - Voice messages device
 - Connection terminals including RS485 interface port
 - Input / Output interface board
 - 24V DC power supply
 - Back-up batteries ensuring 100 cycles in case of power failure
 - A 24V DC motor controlled by the programmable electronic board, ensuring fast movements with progressive deceleration at the end of the cycle.
 - Electro-mechanical lock of the obstacles (with programmable unlocking in case of power failure)
5. **Spotlights** for lighting of the passageway.
6. **Functional pictograms:** red and green LED displays indicating the status of the security booth.
7. **Detection system, to ensure the transit of only one person at a time, with weight control system.**
8. **Push buttons** for emergency opening and intercom.
9. **Keylock** for external door.

STANDARD RAL COLORS



RAL 7035
Light grey



RAL 9011
Black



RAL 8019
Dark brown

All other colors must be specified when ordering.

SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms

STANDARD TECHNICALS CHARACTERISTICS

Power supply	230V single phase, 50/60 Hz, 10A + ground.
Motor	24VDC for reversible movement of the obstacles, with closing safety lock.
Backup battery	12V - 18Ah sealed lead-acid batteries to provide power in case of power loss.
Operating logic	Programmable
Passages <i>(excluding activation time of the access control device)</i>	- 20 passages per minute in one direction. - 40 passages per minute in both directions.
Power consumption	200 W
Weight	1400 kg
Operating T°	from -10° to +55°C <i>(Without heater option)</i>
Max relative humidity	90%, without condensation
Protection index	IP40
MCBF	2 Mo cycles or 2 years when respecting recommended maintenance.
MTTR	1 hour
Certification	Conforms to European norms.

OPTIONS

1. Mobile obstacles in laminated clear glass P6B (EN356), 19/21 mm thick.
2. Radar for automatic opening of doors.
3. Single presence detector *(3 possibilities : both directions with weight control system or in entrance with time of flight camera or both directions with time of flight camera)*.
4. Additional console.
5. Housing other RAL paint or extra smooth paint finish.
6. Metal plate cover on the top of the booth.
7. Housing 304L brushed stainless steel.
8. Long life battery.
9. Converter RS-485 to LAN.
10. Kit for electronic adjustment service *(cable, software...)*.

 For restrictions on options, refer to the price list.

WORK NOT INCLUDED

- Anchoring to floor
- Power supply
- Connection between booth and access control system.

 Refer to installation drawing.

STANDARD DIMENSIONS (MM)

