

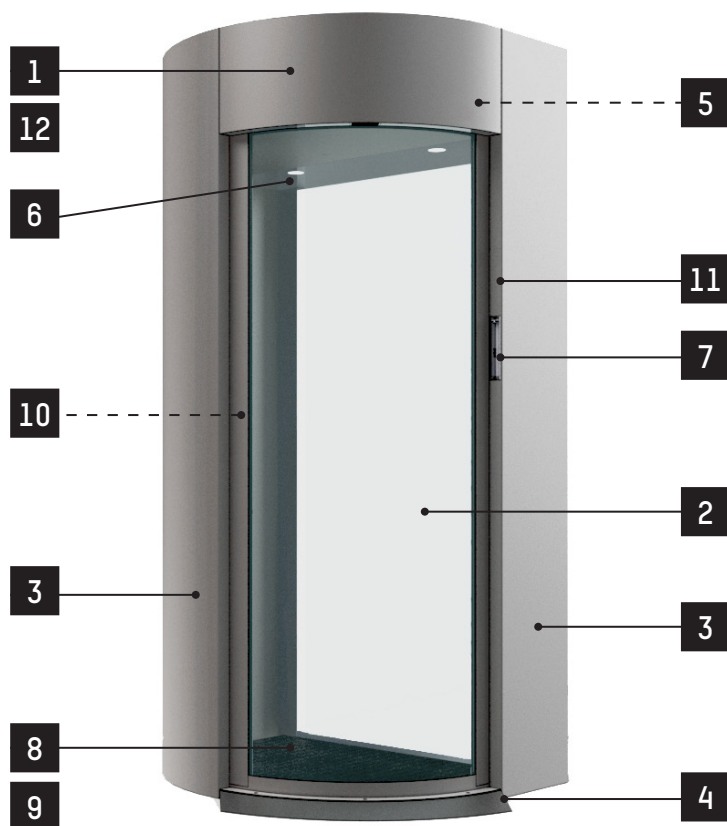
ClearLock 664

Technical datasheet

Rev. 03 • Update 09/2024

AUTOMATIC
SYSTEMS

 **ClearLock™**



The **ClearLock** automatic semi-circular security booths are designed to provide high security access control and management of pedestrian flow.

Their design and robust manufacture allow easy integration into prestigious site such as office buildings, airports, laboratories and sensitive sites.

Consisting of a frame, a painted steel housing and multilayer glass panels, the high-security ClearLock series booths provide thermal insulation and stand out in their surroundings.

The **ClearLock 664** is made from high-quality sheet steel, reinforced with exceptionally thick tubular bars, offering maximum protection against any break-in attempt. Easily connected to an existing manual door, this equipment offers a solution for private access (existing façades, low congestion). These are motorised and bi-directional.

The **ClearLock 664** booth is equipped with one mobile obstacle which provide a **free passage area of 800 mm and a height of 2045 mm**.

DESCRIPTION

1. Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
2. **Curved mobile obstacle** in laminated clear glass BR2S P6B. Equipped with a protection ensuring the safety of users.
3. **Lateral panels** made of painted steel.
4. **Metal floor** of 25 mm thick for installation on a finished floor.
5. Control board unit & motorisation comprising:
 - Programmable electronic board
 - I/O interface board for access control system
 - Remote console for operating mode adjustment
 - Voice messages device;
 - Two back-up batteries ensuring 300 cycles in case of power failure
 - Electro-mechanical lock of the obstacles (with programmable unlocking in case of power failure)
 - Safety cells for reopening in case a presence is detected in front of the obstacles (anti-pinch safety)
6. **Spotlights** for the passageway lighting.
7. **Status light**: red and green LED displays indicating the status of the security booth.
8. **Bubble rubber base floor**.
9. **«Single person» detection by floor weight detection system** (2 directions).
10. **Push buttons** for emergency opening and intercom.
11. **Lock** for external door locking.
12. **Removable inner roof** (by screw) (optional) when access from the top of the roof box is not possible for maintenance.



STANDARD TECHNICAL CHARACTERISTICS

Power supply	220V +/- 10%, 50Hz
Consumption	200 W
Battery backup	2 batteries 12V 2Ah for emergency function in case of power breakdown.
Motors	2x 24V DC motors for reversible door movement, with safety lock. Door release in case of emergency.
Passages	7 passages per minute in entrance or exit.
Dimensions	Overall dimensions (mm): Height: 2400 Width: 1000 Length: 1250 Dimensions du passage (mm): Height: 2045 Width: 800
Weight	440 kg depending on glasses
Relative ambient humidity	85%, without condensation
Ambient operating temperature	-10° to +50°C
MCBF (Mean cycles between failures)	1.000.000 cycles, in compliance with recommended maintenance
MTTR (Mean time to repair)	2 hours
CE	Complies with European standards

CONFIGURATIONS

1. RAL7035 Light Grey (by default) - RAL9011 Black - RAL9010 White - RAL8019 dark brown.
2. Semi-circular position:
 - entry / unsecured zone (by default).
 - exit / secured zone.
3. In case of power failure :
 - By default: The exit door (secured side) remains locked.
The entry door (unsecured side) opens automatically.
 - All doors remain locked.
4. Integration of card reader, intercom and/or push button at the entry and/or exit of the booth.
5. Choice of the language of voice message and control consol.

SURFACE TREATMENT

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

WORKS TO BE PROVIDED BY THE CUSTOMER

- Fixing on the floor.
- Power supply.
- Connection between booth and access control devise.

Note: Follow the installation plan.

OPTIONS

SPECIFIC OPTIONS

- IP33 rain protection compatible with weight detection system [50mm higher booth]. ^{1, 2}
- White opaque glass.
- Internal manual door with glass (BR2S P6B).
- Internal manual door with fire resistance.
- External ramp (H:25mm).

GENERAL OPTIONS

- Break-in detection on the cover plate of the roof (microswitch contact).
- Medium structured satin paint in : other RAL colours than RAL7035, RAL9011, RAL8019, RAL9010.
- Flush mat powder coating in : any RAL colour.
- Brushed AISI 304 stainless steel finishing.
- Frame for floor built-in installation (25mm).
- Special support for installation on technical floor (Hmin100mm/Hmax400mm).
- Support on the post inside the booth for reader installation inside the booth.
- Support for readers (width > 85mm) fixed on the external (entrance) side or fixed on the internal (exit) side of the booth metal structure.
- Integration of any non-standard intercom or emergency button into the product (specific information of the device and desired position to be provided for customization).
- Radar for automatic door opening (entry or exit way).
- Colour video micro-camera inside of the booth (to be connected to a screen not supplied).
- Auxiliary control console (in connection with the standard control console).
- Delivery without any control console.
- Converter RS485 to LAN for booth networking.
- Service kit (Iuppiter software + several cables). ³
- Top canopy with a different height, to close the space between the booth top and the ceiling (up to 500mm).
- Virtual Console for remote monitoring (software installed on a Linux server - server integrated or server touch).
- Virtual Console for remote monitoring (software installed on a PC Panel PSE 3215 21,5» - B8 module : CPU Celeron Apollo Lake J3455).

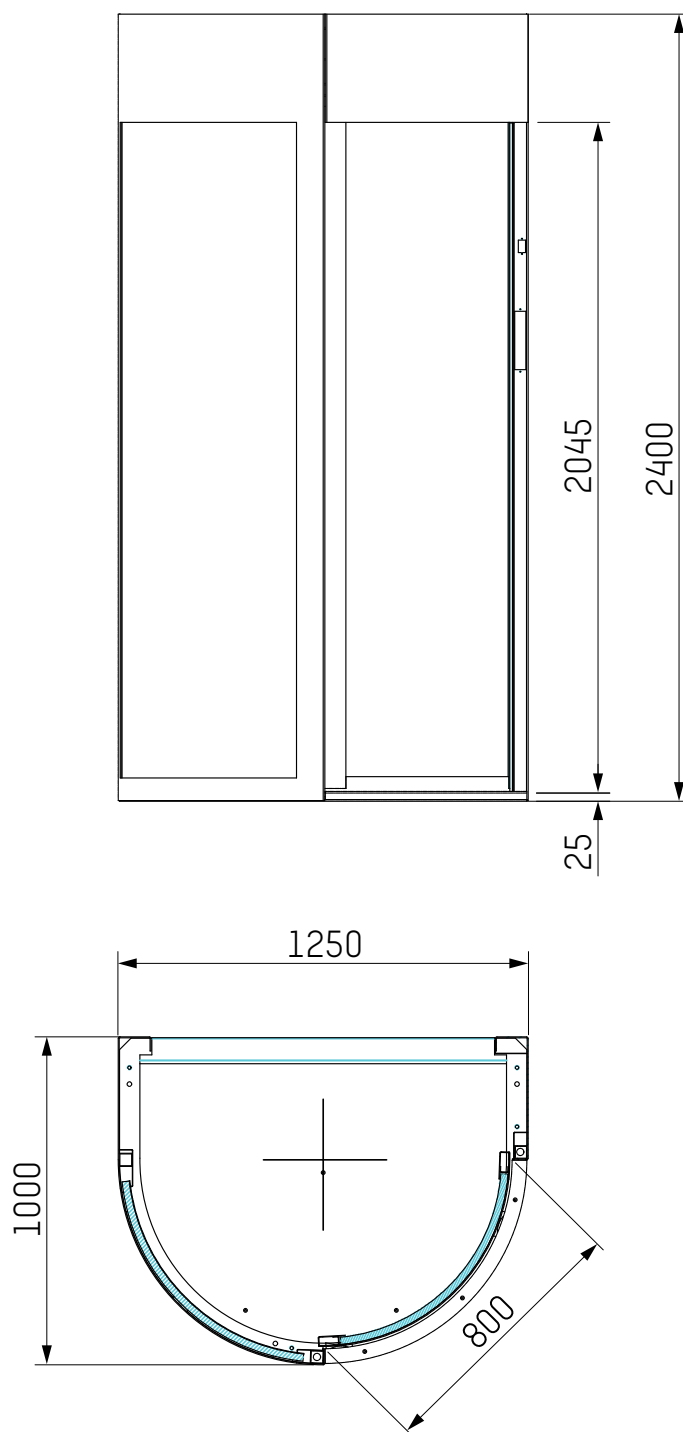
¹ The IP33 protection includes on the unsecured side of the booth : tight weight detection, tight user command plate + half-roof canopy.

² The IP33 protection includes on the unsecured side of the booth is highly recommended when the semi-circular booth is positioned next to the outside building facade. It is of no use in the opposite configuration CF/HSP/026.

³ This kit is to be ordered once per installation site.

Note: For restrictions on options, please contact us.

STANDARD DIMENSIONS (MM)



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