

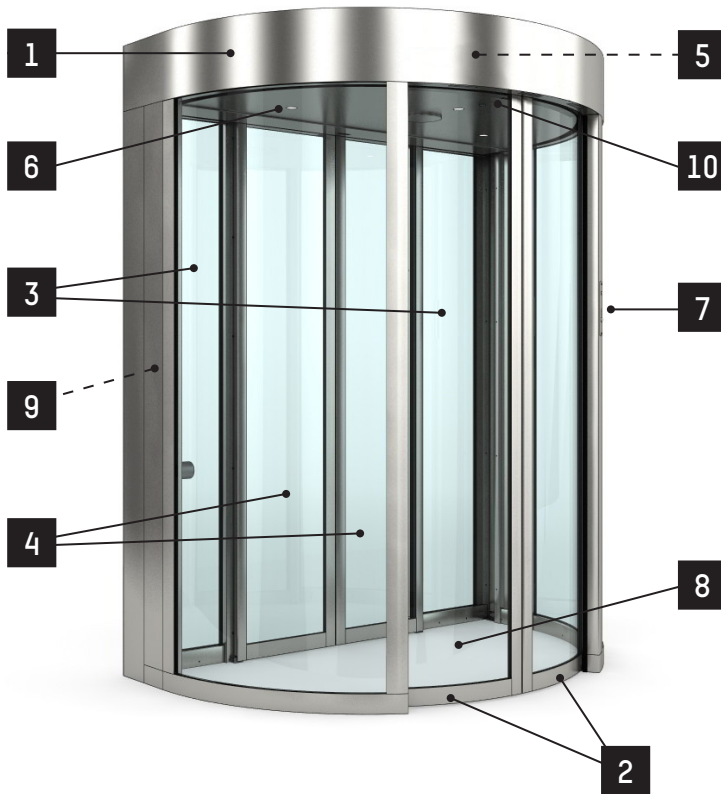
# ClearLock 660

## Datasheet

Rev. 04 • Update 03/2022

**AUTOMATIC**  
SYSTEMS

ClearLock™



The **ClearLock** series 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.

The feature that sets this high-security **ClearLock 660** booth apart is its semicircular shape with a flat sliding door on the exterior and a curved sliding door on the interior.

These are motorised and bi-directional.

The high-security **ClearLock 660** booth is equipped with two mobile obstacles which provide a **free passage area of 900 mm and a height of 2.150 mm**. Connected to an automatic sliding door, its offers a solution for private access (existing facades, special passage height).

## DESCRIPTION

1. Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
2. **Curved mobile obstacles** in laminated glass 19 mm thick.
3. **Lateral panels** made of painted steel and laminated clear glass 19 mm thick.
4. **Double-leaf flat sliding door** made of painted steel and laminated clear glass 19 mm thick with booth's command interface.
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 100 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. **Function pictograms:** LED displays indicating the status of the security booth.
8. **Presence sensors and single person detection device (weighing system)** (option).
9. **Push buttons for emergency opening and intercom.**
10. **Lock** for external door locking.




## CONFIGURATIONS

- RAL7035 Light Grey (by default) - RAL9011 Black - RAL9010 White - RAL8019 dark brown.
- Profile position for wall connection:
  - entry / outside side.
  - middle position (by default).
  - exit / inside.
- In the event of a power failure:
  - All doors can be opened manually
  - Exit door (secured side) remains locked  
Entry door (non-secured side) can be open manually
  - all doors remain locked
- Integration of card reader, intercom and/or push button at the entry and/or exit of the booth.
- 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.

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	220V +/- 10%, 50Hz
Consumption	400 W
Ambient operating temperature	-10° to +55°C
Battery backup	2 batteries 7Ah for emergency function in case of power breakdown.
Motors	1 internal motor 40Vdc - 40W for reversable movement of the wings 1 external motor 24Vdc - 250W.
Safety	Sensors placed on the door frame both in entrance and exit. Control system that guarantees the regulation of the motor torque.
Passages	- 6 passages per minute in entrance or exit. - 6/8 passages per minute in both directions (such data do not consider the possible working times due to utilization of card/badge readers)
Dimensions	Overall dimensions (mm): Height: 2400 Width: 1910 Length: 1250 Passage dimensions (mm): Height: 2150 Width: 900
Weight	1050 kg depending on glass
Relative ambient humidity	90%, without condensation
MCBF (Mean cycles between failures)	<b>1,000,000</b> cycles, in compliance with recommended maintenance
MTTR (Mean time to repair)	1 hour
	Complies with European standards

## 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

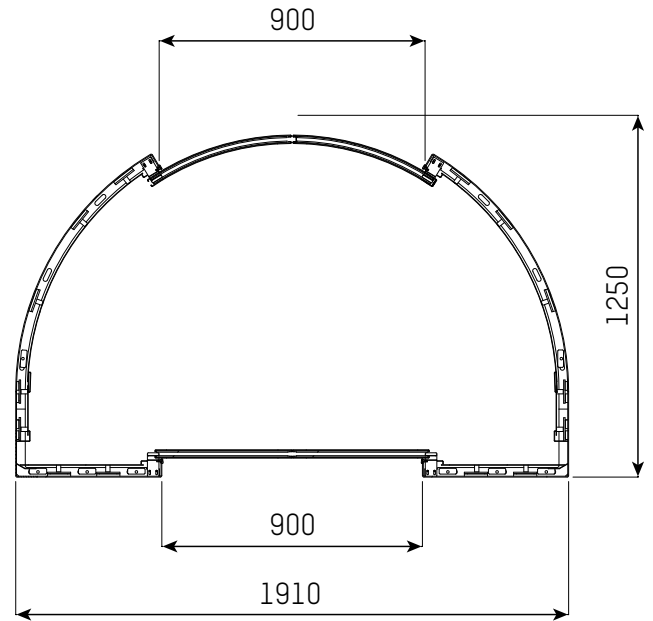
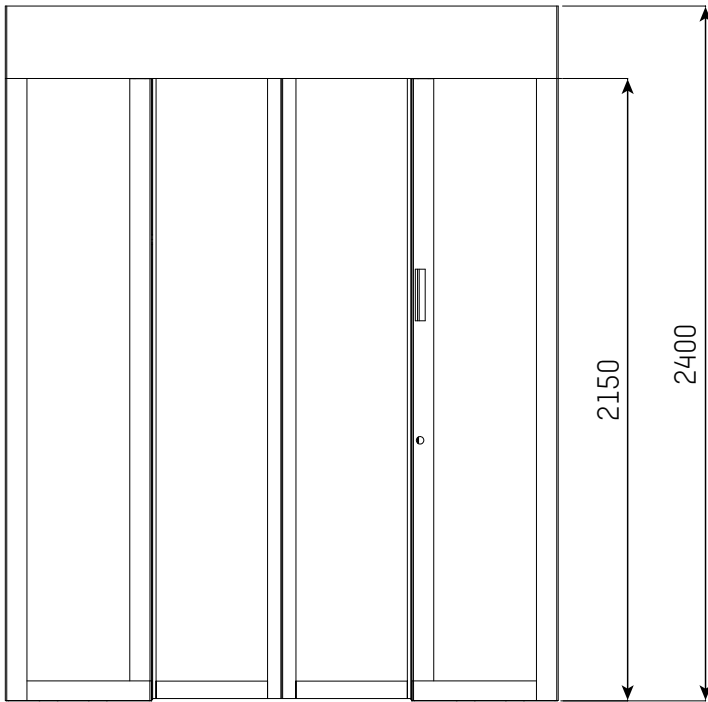
- Metal plate cover on the top of the booth.
- Microswitch contact under the cover for anti infraction alarm.
- Non standard RAL colour.
- Smooth RAL colour.
- Brushed stainless steel 304 L - large security doors.
- Floor frame for built-in installation.
- Support for reader (card, biometric...), placed inside the booth.
- Support for readers (width > 4 cm) fixed on the internal (exit) or external (entrance) side of the booth metal structure.
- Mechanical locker for metal objects with 10 drawers.
- Radar for automatic door opening (entry and/or exit way).
- Colour video camera inside of the booth.
- Auxiliary control console (in connection with the standard control console).
- Remote special console with extra buttons (3 rows of buttons).
- 12V 7 Ah batteries (2).
- Converter RS485 to LAN for network consoles (each).
- Service kit (cable, software, key...).
- Top canopy with different height.
- Virtual Console for remote monitoring (software & PC).

## SPECIFICS OPTIONS

- Single person detection by floor weight detection system.
- Rain protection / product with weight detection (IP33) +50 mm height of the product.
- Metal detector & Left object control devices (clear passage of more than 810mm) entry way only.
- Mechanical emergency opening system external + internal doors.
- Opening internal roof for assistance service.
- Heating of the canopy for outside front installation.
- Dismountable booth (instead of welded). Delivered assembled or shipment in parts.
- Frosted glass.

**Note:** For restrictions on options, please contact us.

## STANDARD DIMENSIONS (MM)



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