

Safety Interlock PIL-CB02

e.g. for the material transport from unsecured to secured area



Safety Interlock PIL-CB02

This unit is for moving material from an unsecured to a secured area while ensuring there is no unauthorized access by any person.

The interlock is closed and locked in the basic position. Access is authorised by means of a card reader and/or biometric recognition. The first door opens and the material can be transported inside. After positioning the material the transporting person steps out of the interlock through the first door. During the entire process, it is checked whether there is indeed only material and not a person inside.

This is done by a special sensor system which recognises whether there is a person inside the interlock. The sensors can detect even hidden persons, e.g. if someone is hiding in a box.

If the presence of a person is detected, the entrance door opens again and after acknowledgement the process can be restarted.

At a negative scan the door to the secure area opens and the material can be removed.

The interlock is designed to store different authorisation profiles. To let pass material only or indeed to allow staff passing with or without material to the secure side.

The accommodation of further secondary identification systems, such as face recognition, contact mats, scales, etc. is optionally possible. The latest face recognition technology (recognition of mouth and nose protection) can also be integrated and thus offers additional security.

Cambaum also offers other types of sensors, such as optical 3D-sensors, which can be used to ensure singling of persons.

The stable drive and locking units runs reliable and quiet.

Thanks to the service-friendly accommodation of the electronic in the control cabinet, upgrades, maintenance and repairs can be carried out easily.

Equipped with an intuitive user interface with an icon to signalize the status and intuitive LED-lighting visualisation for user guidance.

Areas of application: The interlock can be used in versatile areas of application such as IT data centers, banks, office buildings up to airports.

The Safety Interlock is made of high-strength, corrosion-free stain-less steel and thus offers the best surface to avoid scratches and wear, even with intensive use. At the same time, it has a carbon footprint that is up to ten times better than that of aluminium and thus makes a major contribution to environ-mentally friendly equipment.



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e.g. for the material transport from unsecured to secured area

Technical Details

Body:
Stainless steel, AISI 304

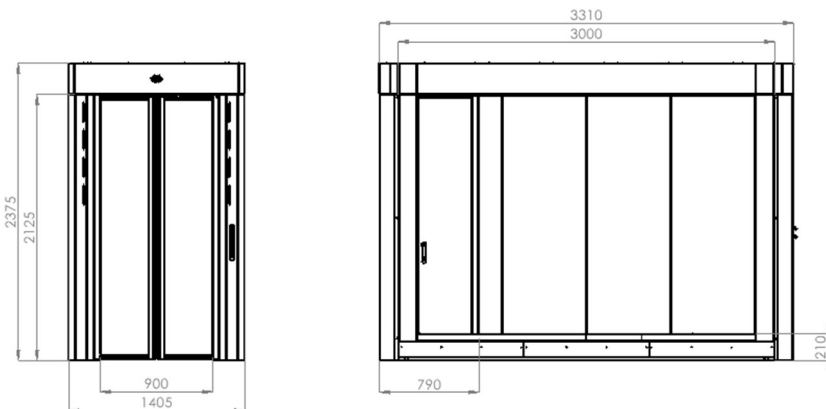
Electricity:
Network-compatible CAN bus control
integrated in the system.

Housing:
All control and power supplies are fully
integrated in the housing.

Sensor technology:
Innovative sensor technology detects
people even in plastic, cardboard or
wooden crates

Technical parameters

Total height	2.380 mm
Total width	1.405 mm
Total length	upon request
Passage width	900 mm
Passage height	2.100 mm
Doors	Swingdoors, optional folding doors
Electricity	110-240V VAC 50/60Hz, 350VA
Installation	on finished floor level



Options & variations

- Passage width deviating from standard
- also available with folding doors
- CCTV can be integrated
- Escape route function upon request

