CISA



CISA eSIGNO

The future is on air

Contactless Wireless Seamless

Ingersoll Rand.

CISA eSIGNO Contactless lock

CISA eSIGNO is the latest addition to our range of security solutions designed for the hospitality industry and community buildings. Its elegant compact design forms the ultimate fusion of technology and ease of use:

- it requires no wiring (it is battery powered) and is easy to install,
- it is ideal when replacing existing systems (with work in progress),
- it meets the needs of all hotels: from large chains to family-run businesses.

Design
CISA eSIGNO combines the most innovative, superior Italian design with advanced security features. Its elegant, compact model meets all mechanical and aesthetic needs, blending in perfectly with the style of every location.

Non-invasive installation
CISA eSIGNO requires no wiring, making it easy to install and to upgrade existing systems. It can be integrated with previously installed CISA contactless locks and electronic cylinders.

Battery powered
CISA eSIGNO is powered by standard, off-the-shelf batteries which guarantee long life and ensure the lock remains fully functional even in the event of a power failure.

Contactless technology
Users open the door intuitively, by simply holding the card up to the reader.
This technology eliminates friction and contact, resulting in less wear and tear to parts.

Do not disturb
CISA eSIGNO is fitted with a LED "Do not disturb" signal advising staff whether guests are present in their rooms.

Wireless
CISA eSIGNO is also available in the wireless version, taking access control to a more advanced level. In wireless mode, CISA eSIGNO can be configured to communicate with a remote system, giving constant control over locks and making it even easier to reprogramme and delete cards. No wiring is required on the door or in the room.

NFC
CISA eSIGNO is compatible with NFC – Near Field Communication technology.

Installation service and training
The installation service is designed for customers looking for "turnkey" solutions. CISA engineers set up the entire system: installation, configuration and training, with maximum professionalism.

Technical assistance
In addition to the standard warranty, CISA offers post-warranty modular service contracts to prevent and correct any issues. A CISA service contract guarantees optimal maintenance of the security system with periodic checkups and rapid emergency response provided when required.

For more information:

cisahotels.com, twitter@CISAlocks











Technical features



Encoding system

- Encoder (ISO 14443B / Mifare ISO 14443A, NFC ready) which operates independently or with Smart Software on a PC
- Web-based encoder (requires an Internet connection)

Specifications

- NFC compatible contactless lock
- IP 55 protection rating (in the outdoor installation version)
- Contactless reader for standard credentials ISO14443B / Mifare ISO 14443A, NFC ready
- Wireless option (2.4 GHz Zigbee)
- Audit trail of 500 events
- Up to 60 auto-programmable timetables
- Batteries: 3 AAA batteries for 30,000 events
- Compatible with 8 mm square spindle locks
- European profile mechanical override cylinder
- Standard and RTD lever
- Operating temperature: from -10°C to 70°C
- CE marking
- Compatible with products which comply with standards EN1634 Parts 1 & 2, EN179 and EN12209

Classic handle

Return to door lever (RTD)
EN 179 certified

Finishes

CISA eSIGNO handle plates are available in 4 finishes: satin silver, polished silver, satin gold and polished gold and can be coordinated with handles for other rooms (e.g. bathrooms, communicating doors).



Satin silver



Polished silver



Satin gold



Polished gold

CISA solutions for hotels and community buildings.



CISA eSIGNO contactless lock

Electronic locks with no wiring. They can be configured as standalone units (offline) or as part of a wireless network.



Contactless security card

When the card is held up to the lock it opens the door granting access to the guest's room and/or other areas. Contactless security cards are programmed with an encryption system based on standard algorithms which protects them from cloning and duplication.



Contactless electronic cylinder

It allows hotels to upgrade from mechanically operated locks to electronic access control, granting access rights using cards or other electronic credentials. It easily replaces European profile mechanical cylinders and is available in the outdoor installation version.



Wall reader

The wall reader can be used to control access to other areas equipped with electrical devices (e.g. automatic barriers, electric gates, magnets, electric locks). Communal areas such as fitness and health centres, conference rooms, garages etc. are managed by holding the card up to the contactless wall-mounted reader. CISA readers can be configured offline or online and are also suitable for outdoor use.



Encoder

This device reads and programmes the security cards. It can be connected to a PC or used as a standalone unit, making the encoding system even more resistant to computer viruses. The encoder is portable and, therefore, a highly versatile device. When paired with an NFC mouse it can communicate with the CISA eSIGNO locks to programme them and access information such as the audit trail and battery status. Several encoders can be used in the same hotel to ensure reception runs as smoothly as possible.
The web-based version works with a PC equipped with a web browser and Internet connection.



Smart Software

CISA Smart Software is a software package which makes the CISA eSIGNO system quick and easy to manage and provides advanced functions specifically for the hospitality and community buildings sector. Compatible with MS Windows XP, Vista and 7.

Wireless coordinator and wireless control unit



These devices are part of the wireless infrastructure: the coordinator is used to communicate with the CISA eSIGNO wireless locks.
The coordinator is controlled by the wireless control unit which manages the connection between the central station and the CISA eSIGNO wireless locks.

Energy saver



When the security card is inserted in the lit cardholder, it switches on the electrical power in the room, preventing unnecessary energy wastage when the guest is out of the room.

Mechanical antipanic lock



The mechanical antipanic lock is the closing element controlled by the electronic unit. Using an automatic deadbolt gives hotel guests' greater security, protection and comfort compared to solutions with electric strike. The DPR (Door Position Report) function provides important information about door status. In real-time when combined with CISA eSIGNO wireless locks. The locks are EN179 certified.

Mechanical override



This ensures prompt, non-invasive emergency access to the room, guaranteeing maximum protection for hotel guests and preventing damage to the door or lock.

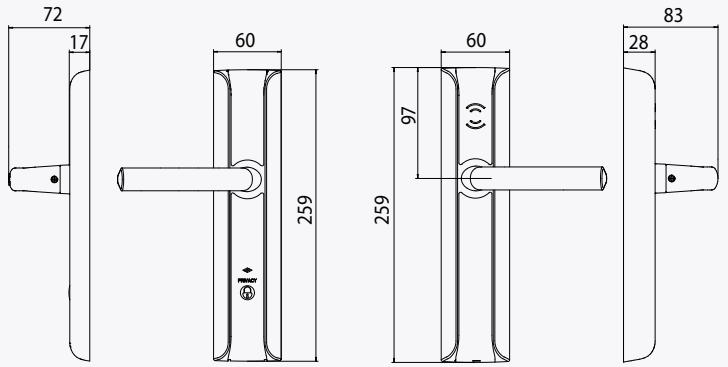
CISA eSIGNO safe



Battery powered electronic hotel safe with LED display and motorised lock. The 90° door opening and cantilevered hinges are designed to hold a laptop. Laser cut design with minimal space between the door and frame to guarantee maximum security against attacks.
ADA - compliant keypad to help guests with visual impairment and automatic interior LED lighting. Audit trail able to trace the previous 300 events and store them onto ordinary SD cards. The integrity of the audit trail file can be verified online.
Emergency mechanical override with CISA C2000 key or, upon request, CISA AP3S (patented and can only be duplicated with a Security Card).

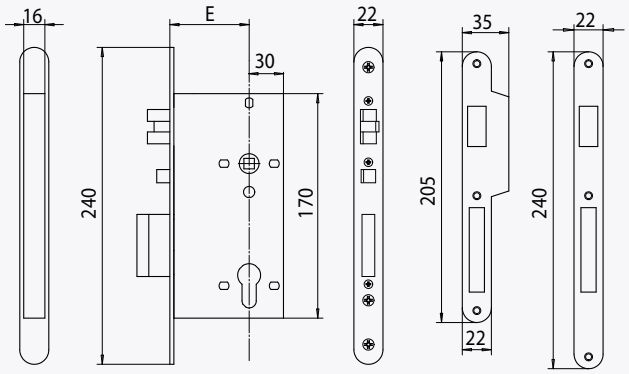
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Handle plate

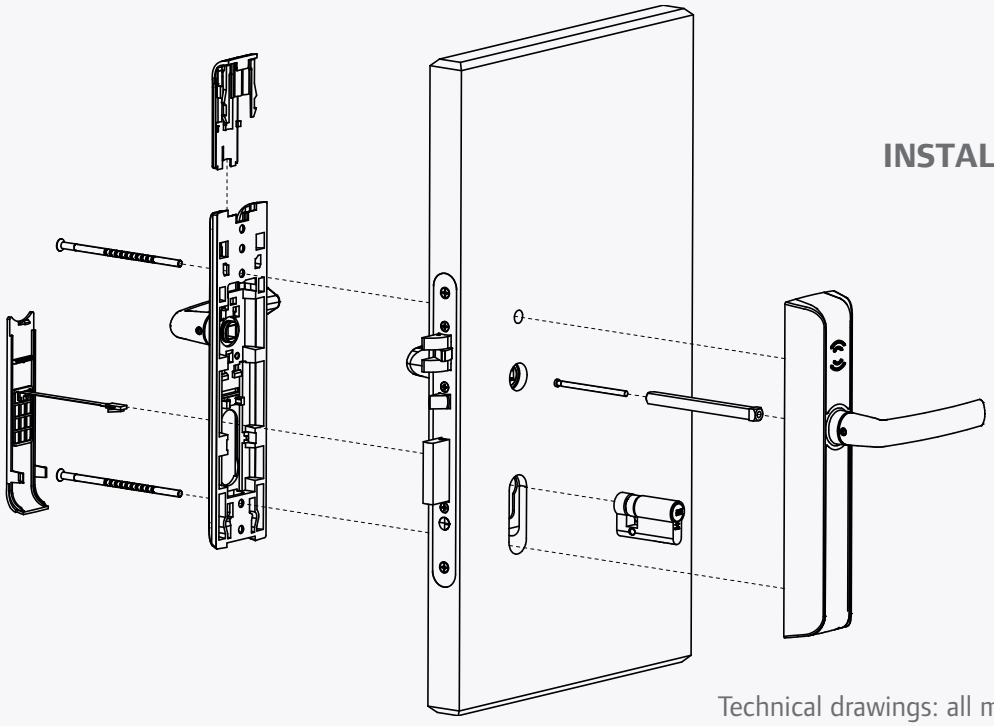


internal external

5A504, 5A514 lock series – Strike plate



INSTALLATION



Technical drawings: all measurements are in mm.

CISA S.p.A. reserves the right to make any changes to the products illustrated in this catalogue without prior notice. All measurements are in millimetres.

CISA is a brand of Ingersoll Rand. Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; secure homes and commercial properties; and increase industrial productivity and efficiency. We are a $14 billion global business committed to a world of sustainable progress and enduring results.

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PDE664 2013 edition.