



MANAGEMENT

The wireless proximity locks work like cabled on-line RFID devices but with battery fed autonomous locks.

The locks and the software communicate in real time, recording right away all the information stored in the locks:

- Staff's access schedule
- Attempts of openings from non authorized users
- Attempts of openings outside the schedules and shifts, guest's accesses to hotel commodities.
- Battery level
- etc

And updating in the moment any change made in the software's database:

- Giving access to users and guests
- Denying access to users and guests
- Opening the door from the software
- etc

COMMUNICATION

Each Hub can manage up to 30 locks, being possible to increase this number up to 300 locks per installation. The communication protocol between the Hub and the locks is RF 868 MHz.

The Hub connects to the PC via Ethernet cable or via TCP/IP.

The Hub receives the PC's messages and sends the messages to the lock in an efficient and rapid way, depending on the existing stage, and vice versa.

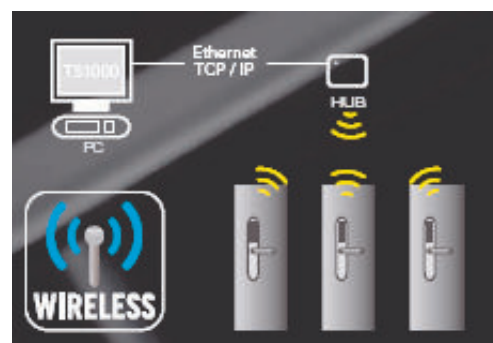
Limits of the wireless system:

- 30 locks per Hub
- 30 Hubs per installation
- 300 locks per installation

For projects with a number of locks higher than 300 units, consult with Inhova.

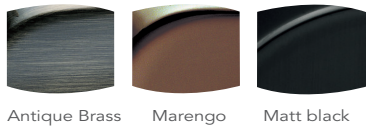
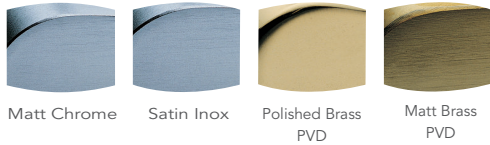
TECHNOLOGY

RFID 13,56MHz PROXIMITY identification technology: ISO 15693 and ISO 14443A **mifare**®.
Compatible with NFC (Near Field Communication) mobile phones.
More storage capacity and data protection.
High transmission speed.
Security: The information is protected and encrypted.
Possibility of multi-application with other hotel devices.



FINISHING

Large variety of finishes that allow a combination with any decoration style.

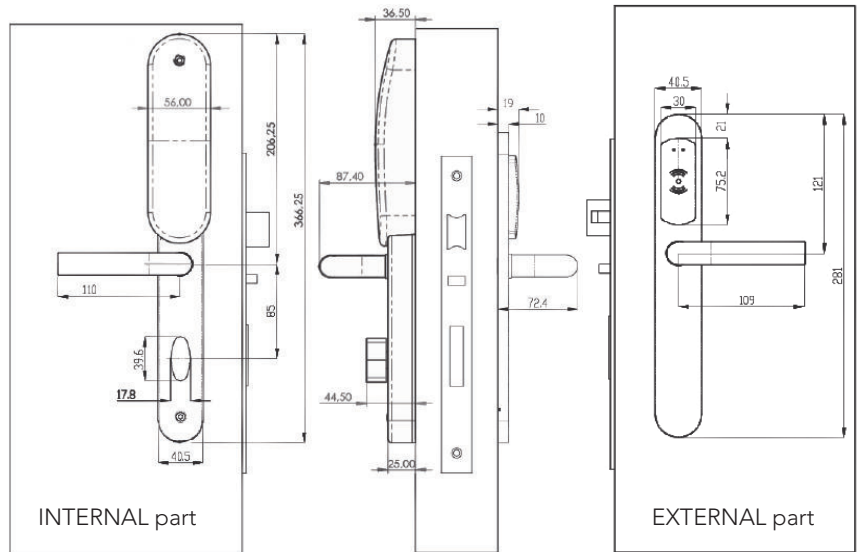


HANDLES

Large handle selection that adapts to any type of door and style.



DIMENSIONS



IDENTIFICATION

Different identification tags: Card, keyring, bracelet, etc.



TECHNICAL FEATURES

Electronic technical features:

READING MODULE:

- Identification technology: read and write 13,56MHz RFID contactless chip.
- Activation mode: The lock is activated without a previous contact. Low consumption.
- Reading distance: 10mm with standard credentials.
- The jack connecting to the portable programmer is in the reading module.

CONTROL MODULE:

- Non volatile memory.
- Up to 1500 users and 1000 events (openings and/or attempts of openings).
- Clock and calendar in real time. 14 time zones with 5 periods of time each of them.
- Green and red warning LEDs. Different warnings: Low battery level, access denied, etc.
- Ways of operation:
 - Passage mode: Lock always opens
 - First user: Lock in passage after the first authorized access for the user.
 - Standard: Operation by default. Card needed for opening.
 - Double user: Two authorized users must insert their card in order to open.

BATTERY MODULE:

- Three 1,5V alkaline batteries like the LR03 AA.
- Estimated duration of the batteries: 3 years (20,000 cycles).
- Consumption: 20mA in rest mode.
- Batteries easily changed without having to dismantle the lock.

Mechanic technical features:

LOCK MECHANISM:

- The motorized clutch activates the spindle part of the external handle.
- Disengaged lock: The handles spin loose. Access denied.
- Engaged lock: The handle spins on the spindle retracting the latch bolt and/or the mortise lock bolt. Access allowed.

EMERGENCY CYLINDER:

- Optional: Mechanical cylinder which allows to the user to open the door mechanically

MORTISE LOCK:

- Compatible with European standard mortise locks.
- Axes distances between 70mm and 105mm.
- Possible to adapt to any mortise lock. Consult
- Antipanic function: Turning the handle from inside, the door always opens.

OPERATION CONDITIONS:

- Humidity: Up to 85% without condensation.
- Temperature: Between 0°C and 65°C with alkaline batteries.
- Fire: The Spy Wireless SmartAir lock is certified by the APPLUS laboratory as fire resistant for 90 minutes (RF90).

WIDTH OF THE DOOR:

- It is important to define exactly the location of the mortise lock, as well as the door measurements, giving the distances between the middle point of the mortise lock and the internal and external part of the door before ordering the lock.



Euro ADB
20mm deadbolt projection

**Option
EXTREME**