

Spy Wireless Lock



MANAGEMENT

The Spy Wireless proximity locks operate as RFID devices wired online but they are autonomous locks, standard batteries powered.

The locks and the software communicate in real time, collecting instantly all the information recorded in the locks:

- Staff's access permissions.
- Attempts of openings from non authorized users.
- Attempts of openings outside the shifts, guest's accesses to hotel commodities.
- Remote report of locks with low battery level.

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.
- Guest stay extension.
- Remote opening of the door from the software.
- Remote registry of internal handle activation.
- Remote activation of open mode.
- Block/unblock of the doors.
- Update date and time.

COMMUNICATION

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 corresponding lock.

TECHNOLOGY

RFID 13,56MHz PROXIMITY identification technology:
ISO 15693 and ISO 14443A mifare ®.

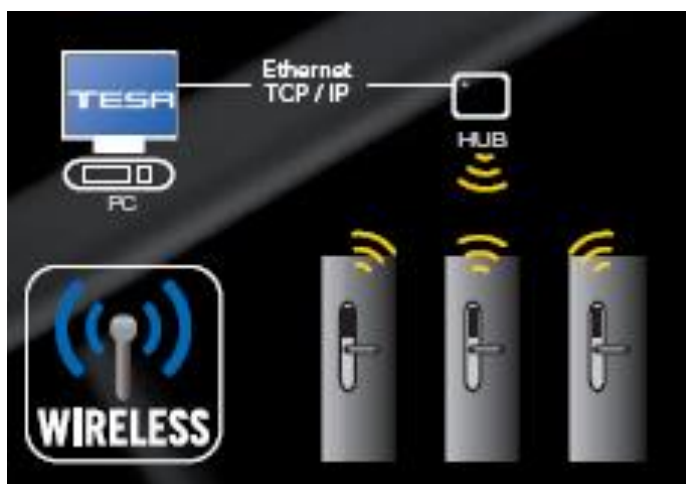
Compatible with NFC (Near Field Communication) mobile phones.

More storage capacity and data protection.

High transmission speed.

Security: The information is protected and encrypted.

Possibility of multi-application with other hotel application.



FINISHING

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



HANDLES

Large handle selection that adapts to any of door and style:



TECHNICAL FEATURES

Electronic technical features:

READING MODULE:

- Identification technology: 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.

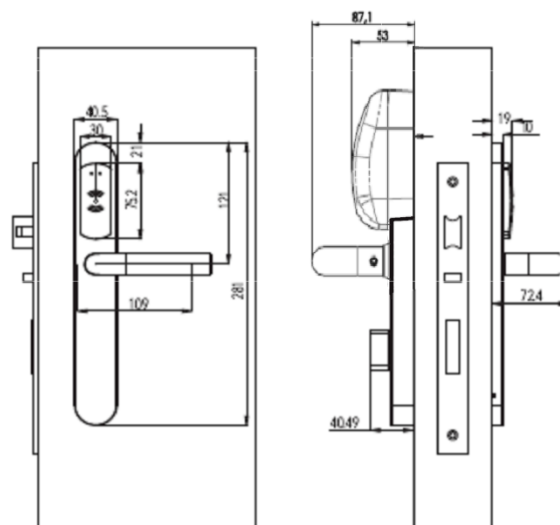
CONTROL MODULE:

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

BATTERY MODULE:

- . Three 1,5V alkaline batteries like the LR6 AAA.
- . Autonomy 70000 openings or 3 years in standby mode.
- . Consumption: 60µA in standby mode.
- . Batteries easily changed without having to disassemble the lock.

DIMENSIONS



IDENTIFICATION

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



Mechanic technical features:

LOCK MECHANISM

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

EMERGENCY CYLINDER:

- .Optional: Emergency mechanical cylinder which allows to the user to open the door mechanically.
- .The emergency opening can be recorded in the lock's memory.

MORTISE LOCK:

- .Compatible with European standard mortise locks.
- .Axes distances between 72 mm and 105 mm.
- .Possible to adapt to any mortise lock. Consult.
- .Panic 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 lock is certified by the CIDEMCO laboratory as fire resistant for 90 minutes (RF90).

Euro ADB
20mm deadbolt
projection

Option
EXTREME