Spy/Spy Design/Spy Design Dual
WIRELESS

TESA
ASSA ABLOY

TECHNOLOGY

13,56 MHz RFID proximity identification technology: ISO 15693 and ISO 14443A (MIFARE). Operation mode: on-line (Wireless).

Higher storage capacity and data protection. High data transmission speed compatible with NFC (Near Field Communication) mobile phones. Security: the information is protected and encrypted. Integration with other hotel facilities.

ADVANTAGES

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 shits, 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.
-Remote opening of the door from the software.
-Remote activation of passage mode.
-Block/unblock of the doors.
-Time setting.

HANDLES

TESA offers a large collection of handles that can be fitted with any kind of doors and stvle:

VECTOR   SENA   XARA   ZAFIRA

DELTA   FSB   ARKO

FINISHINGS

Large variety of finishes which allows a combination with any decoration style, either modern or classic:

Cromo mate   Inox Satinado   Laiton pulido PVD   Laiton mate PVD   Laton antiguo   Marengo   Negro mate

CUSTOMIZATION

The proximity identification tag can be a card, keyfob, wristband, etc. Possibility to combine in one tag other technologies like magnetic stripe cards, contact chip cards, etc. High resistance to external conditions: bad use, water, dust, high temperatures, etc.

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ADAPTABILITY

The Spy electronic lock can be installed with other mortise locks and handles.

The perfect solution for UPGRADING operations where the customer want to keep part of the previous lock.
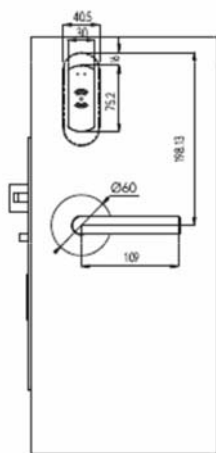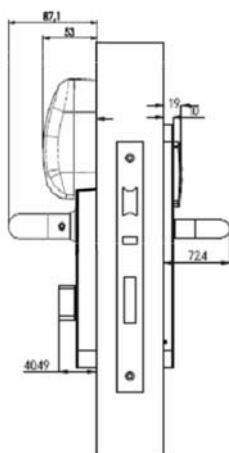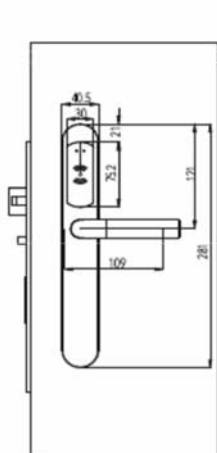
EMERGENCY CYLINDER

The Spy and Spy Design electronic lock can be supplied with a mechanical cylinder (hidden or seen) which allows to the user to open the door mechanically.

It is supplied with 3 different codes for a higher security.

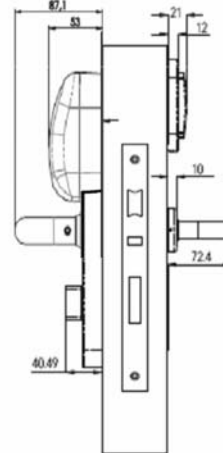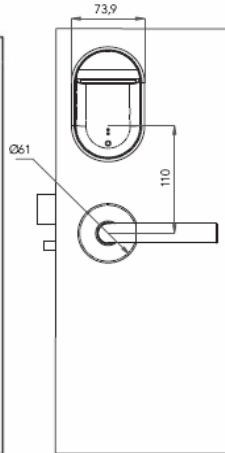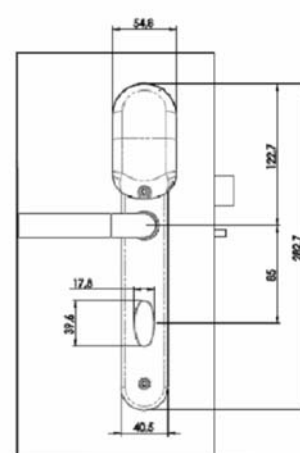Possibility to include unique master keys for total security.

DIMENSIONS

SPY EXTERNAL part

SPY DESIGN EXTERNAL part

SPY and SPY DESIGN INTERNAL part

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.

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, 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 AAA.

.Estimated duration: 3 years or 20.000 cycles.

.Consumption: 20µA in rest mode.

.Batteries easily changed without having to dismantle the lock.

LOCK MECHANISM

.The motorized clutch activates the spindle part of the external handle.

.Disengaged lock: The handles spin loose. Access denied.

MORTISE LOCK:

.Antipanic function: Turning the handle from inside, the door always opens.

.Axes distances between 70 mm and 105 mm.

.Possible to adapt to any mortise lock. Consult with TESA.

OPERATION CONDITIONS:

.Humidity: Up to 85% without condensation.

.Temperature: Between 0°C and 65°C with alkaline batteries.

.Fire: The Spy electronic lock is certified by the CIDEMCO laboratory as fire resistant for 90 minutes (RF90).

WIDTH OF THE DOOR:

.In order to install the lock and drill 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. Standard width of the door from 35 to 110 mm.

Euro ADB
20mm deadbolt projection

Option EXTREME