



When Design and Technology create something exclusive

A new concept in hotel electronic locks from TESA.

A minimalistic and innovative lock design. The most advanced technology at the service of the hotel to offer the most complete access control on the market, along aesthetics that blend with any decor concept.



The most advanced technology



Smartphone opening



Careful minimalist design



Secure encrypted communications



Total wireless online control



A wide range of finishes and handles

A single platform, Tesa Hotel, and two systems: Read&Write or wireless online. Easily upgradable to wireless online model.



Collect events stored on the locks



Battery status monitoring



Access modification without lock updating



New user registration without lock updating



Express card cancellation

FULL DOOR CONTROL

Internal sensors that control doors left open, incorrectly closed and intrusion monitoring
Record of emergency cylinder openings.

IDENTIFICATION TECHNOLOGIES

- RFID: MIFARE 14443A. Security: card information protected and encrypted.
- Smartphone solution for opening the locks (BLE technology): **Openow** app.
- Remote smartphone opening solution (internet): **TESA HOTEL** app.



i-volution
Electronic lock



ASSA ABLOY

ASSA ABLOY, the global leader in door opening solutions

HANDLES

TESA offers a wide range of compatible handles to install in any style. In addition, other handles on the market can be installed subject to DIN (consult for other handle models).



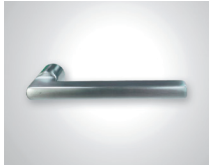
Vector



Sena



Cubo



FSB



Xara



Zafira



Kubika



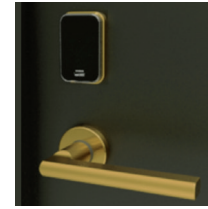
Obal



Tundra

FINISHES

A variety of finishes: allows for black or white-finished outside reader, with black, white, chrome or brass finish ring. The different combinations allow the lock to adapt to any decor style, whether modern or classic.



EMERGENCY CYLINDER

The i-volution electronic lock can be installed with an optional mechanical cylinder that enables the user to open the door in an emergency. It records emergency openings in the lock's opening auditor.



TECHNICAL FEATURES

READER MODULE

- Identification technology: contactless Mifare Classic or ultralight 13.56MHz RFID chip. Blue and red operations LED. Buzzer for signal confirmation.
- Low battery signal (in real time over wireless system).

CONTROL MODULE

- Non-volatile memory (1000 openings).
- 30 time shifts.
- 20 status changes in operational mode (block, free access, etc.).
- 2 calendars, automatic DST.
- 1500 users.
- Interior Privacy button.

BATTERY MODULE

- Three AAA alkaline batteries LR03 1.5V
- Estimated autonomy: 80,000 (wireless model) and 105,000 cycles (Read&Write model) or 3 years on standby approximately.
- Batteries easily changed, solely from inside the room, with no need to dismount the lock.

LOCK

- Auto deadbolt: 2.54cm – AAA norm.
- The motorised clutch in the mortise lock activates the outside handle. When the lock is closed, the outside handle turns freely to prevent forcing.
- Panic function: On turning the inside handle, the door opens even when automatic bolt and electronic privacy are activated.
- May be installed on door widths of between 30 and 110mm.

OPERATING CONDITIONS

- Humidity: Up to 85% without condensation.
- Outside temperature between -20° and 70°. Interior between 0°C and 50°C
- Fire: Lock certified fire-resistant for 60 minutes (RF60 – EN1634).
- Certificates:
 - EC (EMC, R&TTE)
 - ROHS, REACH, WEE
 - IP56
 - EN 14846
 - EN12209



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