TimeLox®

TimeLox Optima RFID Lock

Key features

- Stand-alone, battery-powered electronic lock with RFID reader

- Card based system

- 2000 event audit trail with advanced search filter capability

- Moving Log™ - card tracking capability

- Lock Log™ - events are stored in the lock

- No accessible parts from the outside

- High security lock case available in ANSI, Japanese, Australian and European versions

- Three colour LED signals

- Different audio signals for different scenarios

- Optional online communication with locks

- Optional mechanical override

- Optional automatic dead-bolt

- Available with TimeLox DC-One proven technology which interfaces to most PMS, POS and selected loyalty systems

The Optima lock can read Ultralight/1KB cards (for guest cards) as well as 8KB CryptoRF cards (for staff cards and guest advanced cards) providing an ultimate combination of the advantages each card offers. TimeLox Optima is used together with TimeLox DC-One software.

Easy to maintain

The lock consumes very little power since it is inactive between uses. It is activated as soon as a card approaches the reader. After opening it returns to the sleep mode which gives the battery cassette with 3 AA batteries a long lifetime. When the battery cassette needs to be changed, a visual battery warning is given well in advance to staff only. It takes less than one minute to easily exchange the battery cassettes.

Lock storage information

The DC-One system lock stores different lists, for example the events in the Lock Log. The CryptoRF card stores events in the Moving Log. The different logs and lists can hold different amounts of items. The numbers below apply to the standard card:

Moving Log	300 items
Lock Log	2000 items
Cancel List	1000 items
Calendar	170 items

These items are stored in a non-volatile memory which means that they will be stored even if the power supply is disrupted.

The calendar contains information about holidays and daylight saving time.

Optional mechanical override

TimeLox Optima is available with an optional mechanical override cylinder. Any use of the mechanical override is registered in the lock memory for audit trail purposes.

The cylinder can be re-coded three times and may be supplied with a cap. The paracentric keyway has seven pins and a narrow channel to maximize security.

Online Option

With online locks, commands can be sent directly from the front desk to any door. The guest does not need to go reception to exchange rooms, receive prolonged validity for cards, etc.

Other options

The system can be expanded with several check-in stations and with an interface to the hotel's PMS system.

Technical data:

Power

4.5V – 3 AA batteries
Special 9V battery required for online

Battery lifetime: 20 000 openings
Example: In a hotel of 1000 rooms with an occupancy rate of 80%, when each door is opened 10 times a day, the batteries will last for 2.5 years.

Handles

The three standard handle styles were selected to compliment the elegant bezel. All handles are made of high quality, solid brass.

The TimeLox 1000 series offers door handles with a unified design for bathroom doors, suites and connecting rooms

Finishes

The Optima handle and the Optima bezel ring are available in the following finishes:

- Satin brass
- Polished brass
- Satin chrome
- Polished chrome

Lock case options (all 4.5V)

- ANSI (DA) with 2 switches
- ANSI (DA) with ADB
- ANSI (DB) with 2 switches
- ANSI (DB) with ADB
- ANSI (DA) with 4 switches
- ANSI (DB) with 4 switches
- ANSI AUS
- ANSI JPN
- EURO with 2 switches
- EURO with ADB

All ANSI types are available with lock front 25, 28 or 32 mm. All ANSI types have a backset of 70 mm.

The EURO types are available with lock front 25, 28 or 32 mm. *EURO with 2 switches* is available with lock front 65 or 80 mm and *EURO with ADB* is available with lock front 65 mm.

Measurements in mm (inches)

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