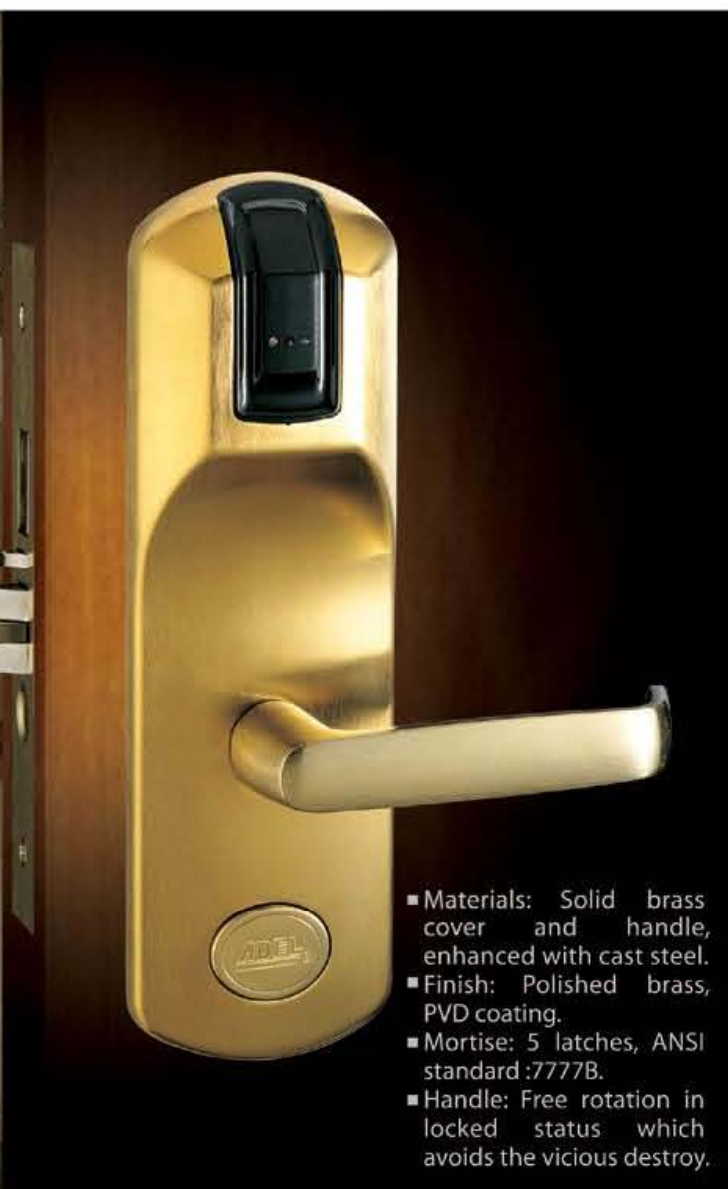
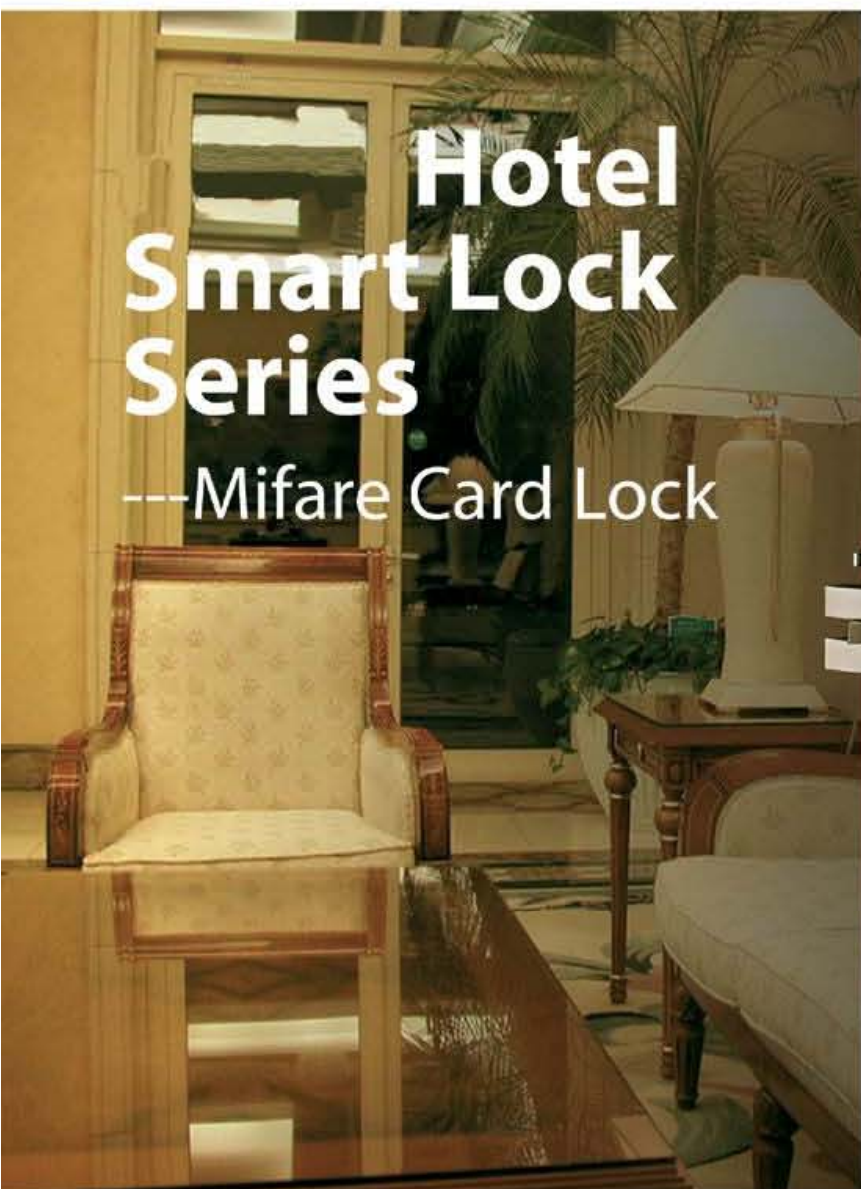


# Hotel Smart Lock Series

## ---Mifare Card Lock



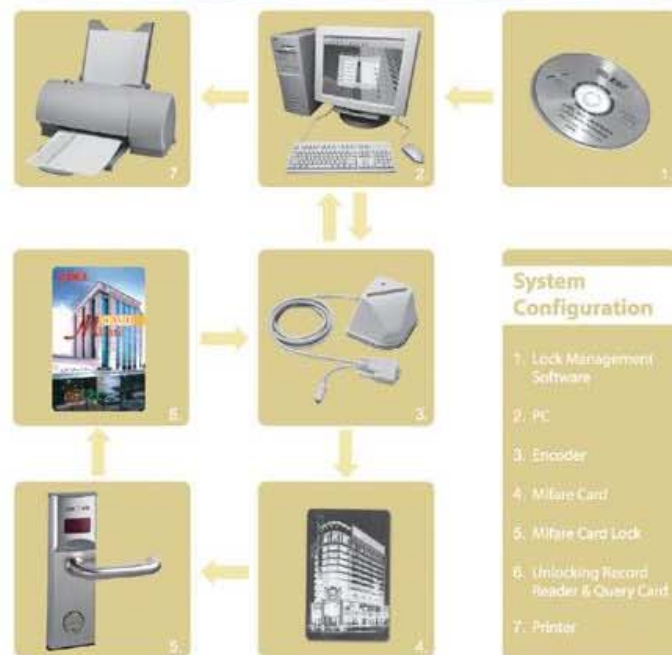
- Materials: Solid brass cover and handle, enhanced with cast steel.
- Finish: Polished brass, PVD coating.
- Mortise: 5 latches, ANSI standard :7777B.
- Handle: Free rotation in locked status which avoids the vicious destroy.

### Mifare Card Lock

ADEL Mifare card lock adopts Mifare-1 S50 card, Mifare technology is the 13.56 MHz contactless technology that is owned by Philips Electronics. It combines RF authentication with Integrated Circuits technology successfully, fulfils contactless transmission of data and supply energy (no battery needed in the card). The Mifare card has 16 separate sectors, which can be configured as purses or for general data storage, mostly suitable for Multi-application. Different systems will use the different sectors in the card. Mifare RF Interface complies to ISO/IEC 14443 Type A Standard.

### System

With the lock management software, the encoder writes software information into smart cards. The lock will be programmed with the encoded smart cards.



737UMF1000-PP



- Material: Stainless steel .
- Finish: Stainless steel .
- Mortise: 5 latches with deadbolt, ANSI standard.



737UMF1000-RR



- Material: Stainless steel.
- Finish: Polished gold with PVD coating.
- Mortise: 5 latches with deadbolt, ANSI standard.

737UMFB2000-PP



- Material: Zinc alloy.
- Mortise G: 5 latches, suitable for Euro rebated door.
- Circuit: Designing with EMC and EMI international standard.
- Driving Clutch: Gear changing clutch, make the driving powerful and equable.

ADEL-A7MF



### ANSI mortise: 7777A or B

- 5 latches, motor built-in, alarming function.
- 3D design.
- Backset of mortise A:70
- Backset of mortise B:63.8



### Mortise G:

- 5 latches, with alarming function.
- Installation size matches ANSI.
- Suitable for rebated door for its small thickness.

### Entrance Function

- A lock will be set as entrance door lock to make authorized guests or staff unlock, max. 15 entrance locks can be set in a system.



### Energy Saver

- Special for Mifare card, that only Mifare card in the hotel will work on it.



### Elevator Controller

- Enable the authorized card holders to access the specified floor.



### Finishing

- PVD coating: Surface coated with PVD which protects the surface for 10 years.
- Satin chrome
- Stainless steel

### Multi-application Functionality Interface

- DLL ■ FILE ■ PMS-VC
- WINSOCKET ■ FIDELIO

### Features

- 1 K bytes of EEPROM memory, organized in 16 sectors with 4 blocks of 16 bytes each (one block consists of 16 byte). User definable access conditions for each memory block.
- Up to 15 different applications can be stored on a Mifare card, and these applications will be separate and secure from one another by using unique keys for each sector.
- Each Mifare card has unique 32-bit random serial number.
- An intelligent anticollision function allows to operate more than one card in the field simultaneously.
- Data retention of 10 years, write endurance 100,000 cycles.
- Operating temperature: -20<sup>o</sup> C~50<sup>o</sup> C
- Operating Humidity: 70~90%
- Operating frequency: 13.56 MHz
- Operating distance: Up to 100mm (depending on antenna geometry)
- Fast data transfer: 106 kbit/s



Mifare card lock is suitable for luxurious hotel, office, school, governmental building, modern uptown, etc.