

Hotel RF Prox-card Lock

Features:

Global exclusive RF card lock using embedding system.

16-bits CPU, more powerful function and higher efficiency than the traditional 8-bits CPU.

Double power supply feature, external 6V power supply work with batteries at the same time.

With reset safeguard circuit, the circuit can well-balanced work under strong disturb.

Adopt Flash tech of TI company, as having feature of high-security, incapable reworked; can be written in million times.

Adopt inner timer, no time error

Adopt technical crystal of Japan, with high-quality component, high-quality product

Unique decode circuit, with built-in two decode program, operation at will with no error of read card

Unique lock-frequency tech, can ensure 125KHz frequency in voluntaries environment, read card with no infection by environment.

Low-power design: 4 entries 5# batteries, which ensure lock natural working 1 year; reflected infrared switch which resolve the problem of the infrared power is effected under strong light, and voluntarily sense sun irradiation, as when door lock in sun irradiation, it can shutdown partial circuit to economize power. This tech expend the application locale of door lock, that no localization in hotel.

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Functions:

Card Type: TEMIC card or Mifare1 card

Level to Level Management with clear authority

A. Multi-purpose card can be developed from RF card, to support lock sys and hotel consumption sys as credit card, to realize no-cash consumption.

B. Perfect key card management, 14 types function cards under 5 management levels, with clear authority

a. Administration Level: CEO card, Manager card

b. General Control Level: General control card, Emergency card

c. Subsidiary Level: Foreman card, Floor card, Meeting card, Cleansing ca

d. Control Level: Terminate card, Time card, Check-out card, Data Card

e. Guest Level: Guest card, Spare card

C. With Encoder controlled by Software to encode, erase, encrypt, set card
Extending Function for "One-card" management, such as Access control, Time&Attendance, Consumption sys and Parking management system.

Over 800 pcs latest unlocking records can be stored in "Black box" in the lock, and hotel manager can inquiry the records with the Data Card.

Automatic Time Control function

It can identify automatically time of card. When clients' card is overdue, it can terminate the client card and the client can not unlock the door.

In case of emergency, the lock can be opened by mechanical key

Long beep alarm will warn to the guest or waiter, when the latch of the lock is compulsively operated or guest does not close the door properly.

Constitutes: Lock, Rwriter, RF card and Management Software

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Parameter:

Static Power Consume: $<30\mu\text{A}$

Dynamic Power Consume: $<200\text{mA}$ run once in 0.8 seconds

Read card time: $<0.4\text{ S}$

Card Type: Temic, Mifare (option)

Card life: 10 years

Fixing Door ply: 38mm-45mm

Communication frequency: 125KH

Door-opening records: over 256

Read card Distance: 25mm

Relative humidity: 90%

Voltage bound: 4.5-6.5V, 4*1.5V

Hotel RF Card – TEMIC Card

TEMIC RF Card

Working Frequency: 100-150MHZ

Data stock: 10 years

Working time: 35ms

R/Write distance: 1-5cm

Memory: 330 bit

Dimension: 86.5 × 54 × .076mm

Memory: EEPROM

Working temperature: -20 -50

Preservation temperature: -20 -50

Manufacturer serial No: 32bi (one and only)

Relative humidity: 90%

Care input time: more than 100,000 times

(theoretically speaking there should be no limitation)

Material: PVC2

Hotel RF Card – MIFARE Card

MIFARE RF Card

Working Frequency: 13.56MHZ

Data stock: 10 years

Working time: 96ms

R/Write distance: 2.5-10cm

Memory: 8K bit

Dimension: 86.5 × 54 × .076mm

Memory: EEPROM

Working temperature: -20 -50

Multi-applied area: 16 subarea

Preservation temperature: -20 -50

Manufacturer serial No: 32bi (one and only)

Relative humidity: 90%

Care input time: more than 100,000 times

Material: PVC2