



# JWM Smart Lock System

**ShenZhen DZF Electronic co.,Ltd**





# DZF Company Profile

- **DZF Electronics Co., Ltd.** is a high-tech enterprises integrating R&D, manufacturing, sales and service, and also a pioneer of Intellectualized Lock System in China. Since established, it devoted to development of Electronic Lock to meet the requirement for safety of human and their property accompanying with easy life. Its own brand JWM Smart Lock Series enjoys customer's favor by its reliable quality, perfect service and competitive price.
- We are specialized in intellectualized door lock, intellectualized cabinet lock, intellectualized case and patrol management system, which widely used in hotel, office, recreation ground, household, transportation, etc. we have our sales center in Beijing, Shanghai and Shenzhen, and products have been sold to 50 countries worldwide.
- We have advanced R&D and production base and a complete industrial chain in Shenzhen, which including development of lock management software, assembly of electronic parts, production, age testing and quality control. Our team gathers the professional talents in the industry and all the core personnels are experts with about 20 years experience.
- Our guideline: creative and pragmatic, customer oriented.
- We insist the ideal of harmonious development between society, company and employee.
- We believe: the core of brand management is qualified products with competitive price + enthusiasm for customer service.



# JWM Hotel Smart lock System

**JWM Hotel Smart Lock System** is composed of door lock, Lock management software, card encoder, card, energy saver, elevator controller, and so on. It is one of the Lock system with safest and highest intellectualized technology, which cover technologies of computer, micro-electronics, hardware manufacturing and environmental protection surface. It could provide all-round solutions of smart lock system for hotel, not only safe, convenient and efficient management for hotel guest room, but also for elevator control, passageway, energy saving, storage box and office lock.



# JWM Functionality Interface

JWM Hotel Smart Lock System has multifunction software interface easy management and operation.

JWM hotel lock system can be applied to:

- Fidelio
- Winsocket
- RS232 (PMS-VC)
- TCP/IP
- FILE
- DLL

For the Fidelio interface, it applies TCP/IP, it fits to MICROS-Fidelio



# JWM Hotel Smart lock System

The functions of hotel management are as below:

- Breakfast
- Booking
- Maintenance record of guest room
- Membership
- Elevator control
- Energy Saver control
- Access control
- Passage
- Villa card
- Family rooms ( a guest card could unlock 10 rooms at most)
- The headquarter issuing card of Chain Hotels
- Supporting all-in-one card
- Supporting USB encoder
- Supporting network edition
- Powerful function for guest room status



远程管理



电梯控制器



智能停车



酒店消费



酒店预订



酒店门锁



发卡机



数据卡



酒店门锁软件



节电开关

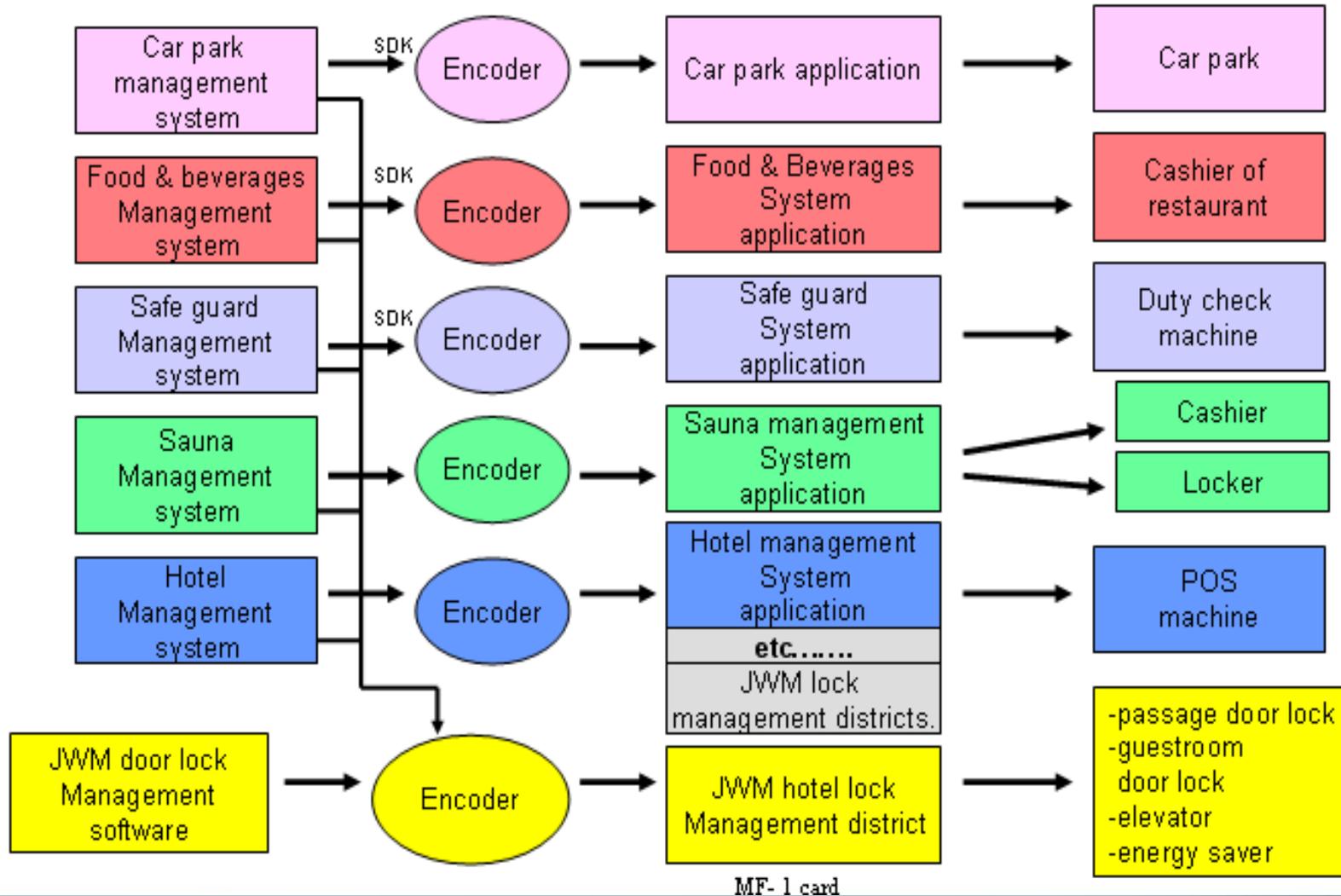


智能通道锁





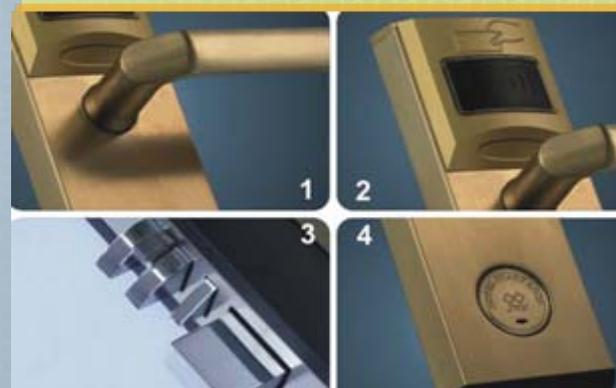
# JWM all-in-one Card





# Hotel Smart Lock

- International "G" shape handle, Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator
- International standard mortise A, pickproof and nondeformed.
- Mechanical key for emergency use with advanced technology



## Features

- Surface: Classic design, embossed induction area is easy for induction;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120$ mm

## Colour

Stainless steel / Gold



JWM-F1-A



# Hotel Smart Lock

- International "G" shape handle, Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator
- International standard mortise A, pickproof and nondeformed.
- Mechanical key for emergency use with advanced technology



JWM-F1-B

## Features

- Surface: Classic design, embossed induction area is easy for induction;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120\text{mm}$

## Colour

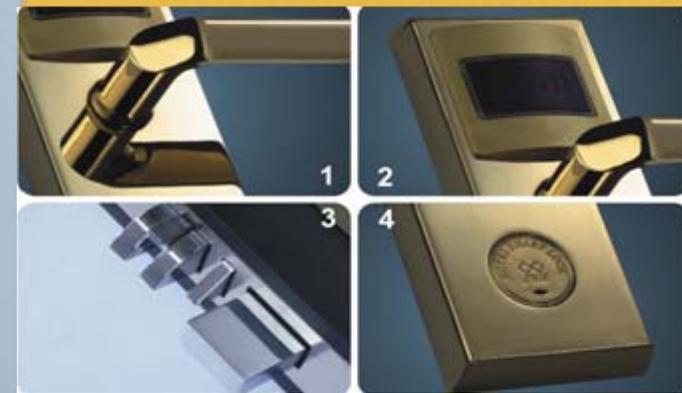
Stainless steel / Gold





# Hotel Smart Lock

- International "G" shape handle;
- MF induction area, induct within 3cm efficiently;
- Alloy mortise with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use.



JWM-F1-G

## Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Advanced integrated foundry process, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120$ mm

## Colour

- Pearl chrome
- Shiny gold
- Smooth chrome





# Hotel Smart Lock

- Modern straight handle;
- MF induction area with LED indicator, induct within 5cm efficiently.
- International standard mortise made in high hardness alloy material, pickproof and nondeformed.
- Concealed lock cylinder, mechanical key for emergency use.



JWM - F7

## Features

- Surface: Classic and generous design, suitable for upscale hotel and other locations;
- Structure: Integrated foundry process with high hardness alloy material, strong anti-destruction;
- Handle: Straight handle, zinc alloy material with PVC finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Concealed lock cylinder, mechanical key for emergency use;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120$ mm

## Colour

- Pearl chrome
- PVD gold
- Smooth chrome





# Hotel Smart Lock



## Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, stable and convenient;
- Card type: Magnetic Card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm;
- Decorative frame edge:  $\geq 120\text{mm}$

JWM-F1 Magnetic Card





# Hotel Smart Locks



## Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, stable and convenient;
- Card type: IC card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm;
- Decorative frame edge:  $\geq 120\text{mm}$

JWM-C1 IC card





# JWM Office Smart Lock System

## Introduction

**JWM Office Smart Lock System** is composed of computer board, card reader, emitter, intellectualized mortise, mechanical lock body etc. The card reader and emitter are installed inside lock, so that all parts could be connected without external linkage.

**JWM Office Smart Lock System** supports unlocking with RF card, grade-management, data record, card reading and all-in-one card. The all-in-one card is authorized through Lock Management System Software, then could be compatible with other sub-system of Access controller, Time attendance and consumption etc. The all-in-one technology is warmly welcomed due to its characteristics of convenience/ safety/ high efficiency, and used widely particularly in intellectualized office condition. It includes identification, time attendance, access control, elevator control, vehicle access control management, inner consumption, personnel files, meeting attendance and voting etc.



# JWM Office Smart Lock System

## Features:

JWM Office Smart Lock System is divided into lock with system and without system.

## Lock with system:

- Unlock with M1 card, support all-in-one card;
- There are four grades card: system card, master card, area card and personal card, totally 15 types, to meet customer's various requirement;
- The personal card could set normal open status.

## Lock without system(stand alone lock):

- Unlock with M1 card;
- There are program card and key card;
- The program card is used for setting lock;
- There are two kinds of key cards: one is used for unlocking the door at deadbolt status and setting normal open status; another is for unlocking the door at non-deadbolt status;
- The open access could be authorized freely according to management needs.



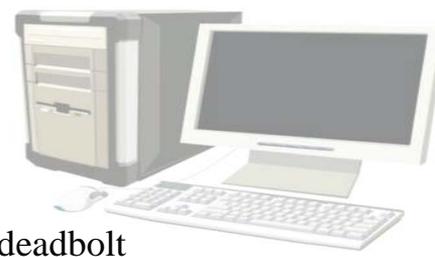
发卡机



智能停车



数据卡



酒店消费



酒店门锁软件



智能通道锁

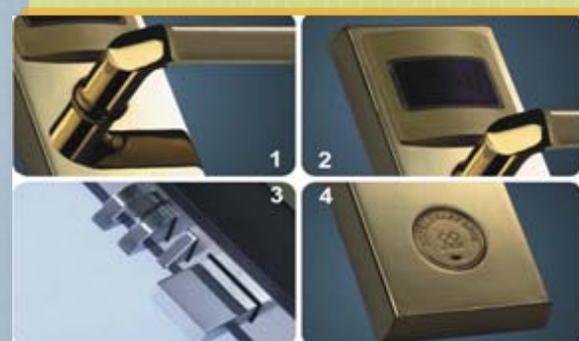
网上办公





# JWM Office Smart Locks

- International "G" shape handle. Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator;
- International standard alloy mortise A with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use



## Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Advanced integrated foundry process, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120$ mm

## Colour

- Pearl chrome
- Shiny gold
- Smooth chrome



JWM-H1-G



# JWM Office Smart Locks



JWM-H1-A

## Features

- Surface: Classic design, embossed induction area is easy for induction;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120\text{mm}$

- International "G" shape handle. Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator;
- International standard alloy mortise A with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use.

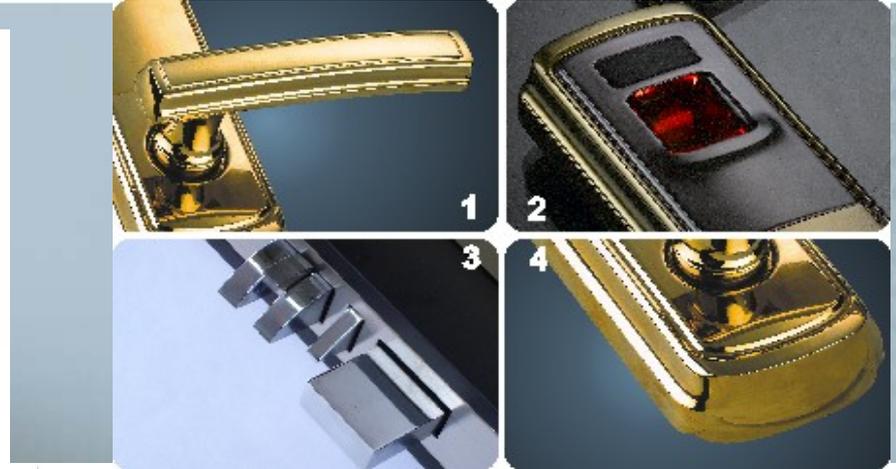




# JWM Fingerprint Locks



JWM-Z7



Modern straight handle;  
Fingerprint,RF card, mechanical key.  
International standard mortise made in high hardness alloy material, pickproof and nondeformed.  
Concealed lock cylinder, mechanical key for emergency use.

## Features:

**Surface:** The latest design from Europe, heavy duty and graceful.  
**Structure:** Aadvanced Integrated foundry process of cylinder with improved alloy material.  
strong anti-destruction,consummate craft.  
**Three ways of unlocking:** Fingerprints, RF Cards, and Key overraide. Secure and convenient.  
**Easy operation:** Open your door with your finger only.  
**Management:** 3 level user management  
**Large memory capacity:** Max 130 fingerprints or 120 cards.  
**Latest fingerprint algorism technology:** FAR(False Acception Rate)<2ppm : FRR(False rejection rate)<0.3%  
**Low power consumption desig:**Static<100μA  
Advanced induction measurement, without any extra fingers, strong anti-jamming capability.

## CE Certificate

## Colours:

Smooth chrome / PVD gold / Pearl chrome



# JWM Fingerprint Locks



JWM-Z1

## Features

- Surface: German style design, suitable for upscale hotel and other locations;
- Structure: Integrated foundry process with high hardness alloy material, strong anti-destruction;
- Handle: Straight handle, zinc alloy material with PVC finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Concealed lock cylinder, with mechanical key for emergency use;
- Unlocking: three ways to unlock: fingerprint, PIN, mechanical key;
- Identification: Great capability of fingerprint identification that could identify fingerprint from children aged 8 to old people aged 80;
- Management: Grade-management of fingerprint for authorizing reasonably.
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge:  $\geq 120\text{mm}$





# JWM Hotel Lock Management Software

- Use SQL Server to manage door lock software
  - More stable, safe and convenient
- English and Chinese version for the system





# JWM Hotel Lock Management Software

Detailed instructions in the software is provided

- Easier to learn the operation of the system





# JWM Hotel Lock Management Software

## Issue Parameter Card

- Parameter Card can be issued after Setting Card is made.

**Setting card**

Card Type

- System card
- Setting Card
- Parameter Card**
- Clock Card
- Inhibit Card
- Meeting Card
- Emergent Card
- Erase Card
- Query Card

Holder

Name

ID No.

Card(s)

1	2	3	4	5	6	7
8	9	10	11	12	Series	

Parameter

Lock Common Door 电梯

Floor Zone Floor 1

Set Clock 2008-10- 2 12:45:00

Lock No.	Lock Name	Floor Zone
<input checked="" type="checkbox"/> 0101	0101	Floor 1
<input checked="" type="checkbox"/> 0102	0102	Floor 1
<input checked="" type="checkbox"/> 0103	0103	Floor 1
<input checked="" type="checkbox"/> 0104	0104	Floor 1
<input checked="" type="checkbox"/> 0105	0105	Floor 1
<input checked="" type="checkbox"/> 0106	0106	Floor 1
<input checked="" type="checkbox"/> 0107	0107	Floor 1
<input checked="" type="checkbox"/> 0108	0108	Floor 1
<input checked="" type="checkbox"/> 0109	0109	Floor 1
<input checked="" type="checkbox"/> 0110	0110	Floor 1

Keyboard

7	8	9	X	↑
4	5	6	BkSpe	↓
1	2	3	Enter	←
0	Del			→

Log

Issuer

Issue Time

Modifier

Modify Time

Card Status

Data Status

Issue(F5)

Read(F6)

Modify(F7)

Erase(F8)

Exit(F3)



# JWM Hotel Lock Management Software

## Database

- Users need to maintain the database from time to time. Please refer to the following steps

**JWM Lock System - [Database]**

Data Card Report System Help

Data Lock Setting Employee Guest Group Read Query Lost Log Card Record Status Logoff Exit

Database

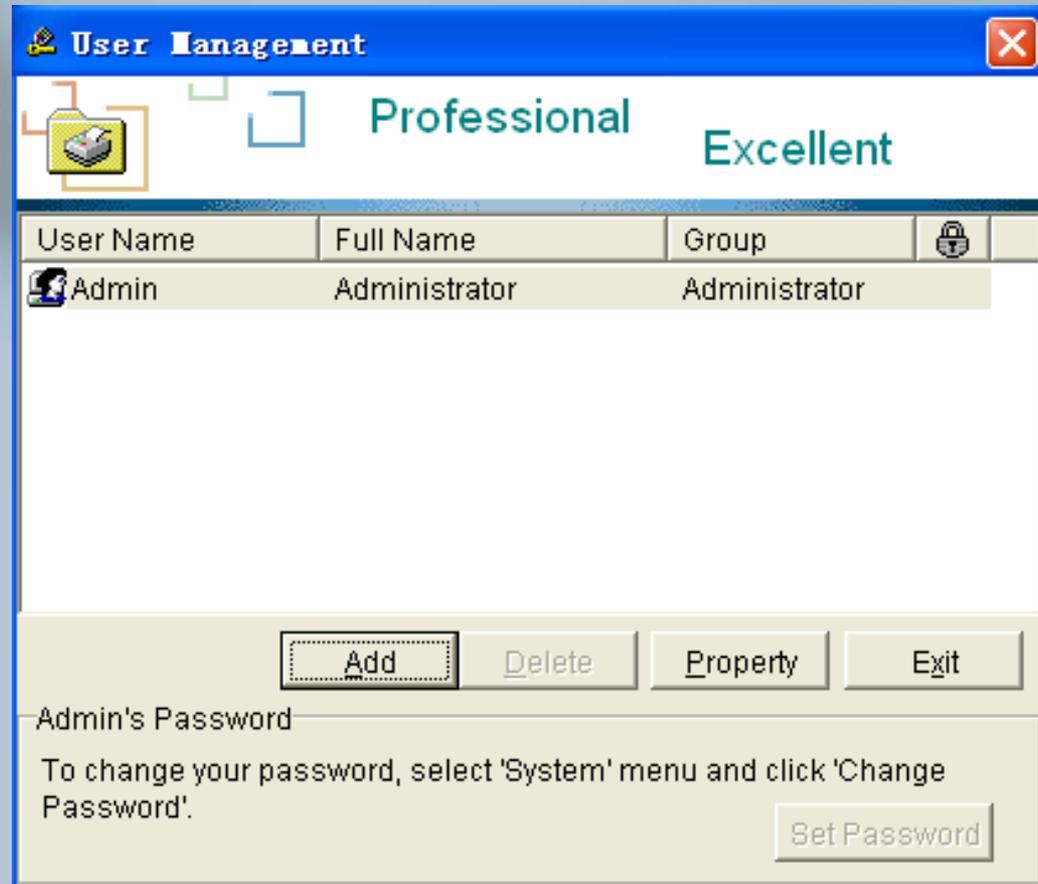
Name	Value
Database Id	6
Database Name	ADEL9200
Create Date	2008-5-22 21:12:48
Size	10M



# JWM Hotel Lock Management Software

## Users Management

- Users Management comes after Role Authority. Each users should have a name when entering this system.





# JWM Hotel Lock Management Software

## Basic Setting for Guest Room

- Guest Room Wizard

**Main functions: generating the foreman, floor and maid zone for a Guest Room**

- Guest Room Wizard

**Function: Room numbers in the software will be made to match the room numbers on the doors**

**Zone Wizard**

**Floor Zone**

**Foreman**

Number of floor zone: 10

**Maid Zone**

Floor No. start: 1

**Finish**

Exit Back Next

**Room Wizard**

**Welcome**

Welcome to use the room forming wizard. According to the prompt the room No. will be formed automatically. They can be modified by 'Lock Management'.  
To continue, click Next.  
To exit, click Exit.

**Zone**

**Lock**

**Finish**

Exit Back Next



# JWM Hotel Lock Management Software

- Issue Guest Card through room status

Room Status Legend:   Vacancy   Occupied   Today Check-out   Tomorrow Check-out [Hide Settings<<](#) Refresh Exit

Color: Vacancy  Occupied  Today  Tomorrow

Layout: Width  Height  Columns   New Floor New Line

Order By:  Room No.  Floor Zone  Room Type  Lock Flag

Floor Zone:  Floor 1  Floor 2  Floor 3

0101	0102	0103	0104	0105	0106	0107	0108	0109	0110
------	------	------	------	------	------	------	------	------	------



# JWM Hotel Lock Management Software

## Issue Guest Card through room status

In case many guests check in in the same time( specially when there is a meeting or a group tourist), the function fo Guest card in Group is helpful to front desk,where they can issue guest cards in group and save time.

**Guest Card**

Guest Group

Group Info

Name

No.

Check-in 2008-10- 2 12:00:00

check-out 2008-10- 3 12:00:00

+1 +10 +30 -1 -10 -30

Keyboard

7	8	9	X	↑
4	5	6	BkSpe	↓
1	2	3	Enter	←
0	Del			→

Parameter

Room No.

Card(s)

Room	Type	Bed(s)	Occupied	Card(s)

Common Door



# JWM Hotel Lock Management Software

## ■ Specifications of functions on MIFARE CARD LOCK

In Chapter I, you are supposed to obtain the basic operation steps on the system. You will come to learn more about the specifications of functions on this system.

The screenshot displays the 'JWM Lock System - [Base Data]' window. The menu bar includes 'Data', 'Card', 'Report', 'System', and 'Help'. The toolbar contains icons for 'Data', 'Lock', 'Setting', 'Employee', 'Guest', 'Group', 'Read', 'Query', 'Lost', 'Log', 'Card', 'Record', 'Status', 'Logoff', and 'Exit'. The main area shows a 'Room Type' table with columns for Code, Name, Number Of Bed, and Point. The table is currently displaying three rows of data.

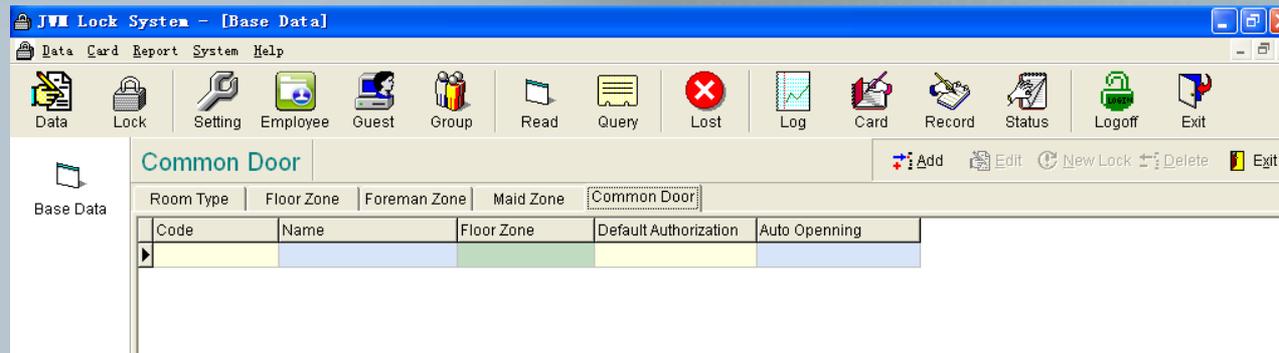
Code	Name	Number Of Bed	Point
0001	Standard	2	200
0002	single	1	100
0003	suite	3	100



# JWM Hotel Lock Management Software

## ■ Common Door

Common Door means a passage where a guest needs to pass before going into the guest room, who includes a Hotel Gate(s), a Building Gate(s) (if a hotel has some more buildings in order that guests in Building A can't get accessed to Building B when each building has a passage), or Floor Door(s) (in order that guests in Floor 3 can't visit Floor 4) .





# JWM Hotel Lock Management Software

## ■ Lock Management

You may edit, delete or add a room in the software when rooms are wizarded in beach.

The screenshot shows the 'JWM Lock System - [Lock]' window. The menu bar includes 'Data', 'Card', 'Report', 'System', and 'Help'. The toolbar contains icons for 'Data', 'Lock', 'Setting', 'Employee', 'Guest', 'Group', 'Read', 'Query', 'Lost', 'Log', 'Card', 'Record', 'Status', 'Logoff', and 'Exit'. The 'Lock Management' section has a toolbar with 'Add', 'Edit', 'New Lock', 'Delete', and 'Exit' buttons. Below this are input fields for 'Lock No.' (0101), 'Lock Name' (0101), 'Floor Zone' (Floor 1), 'Foreman Zone' (Floor 1), 'Maid Zone' (Floor 1-2), and 'Room Type' (Standard). A table lists lock details for rooms 0101 through 0110.

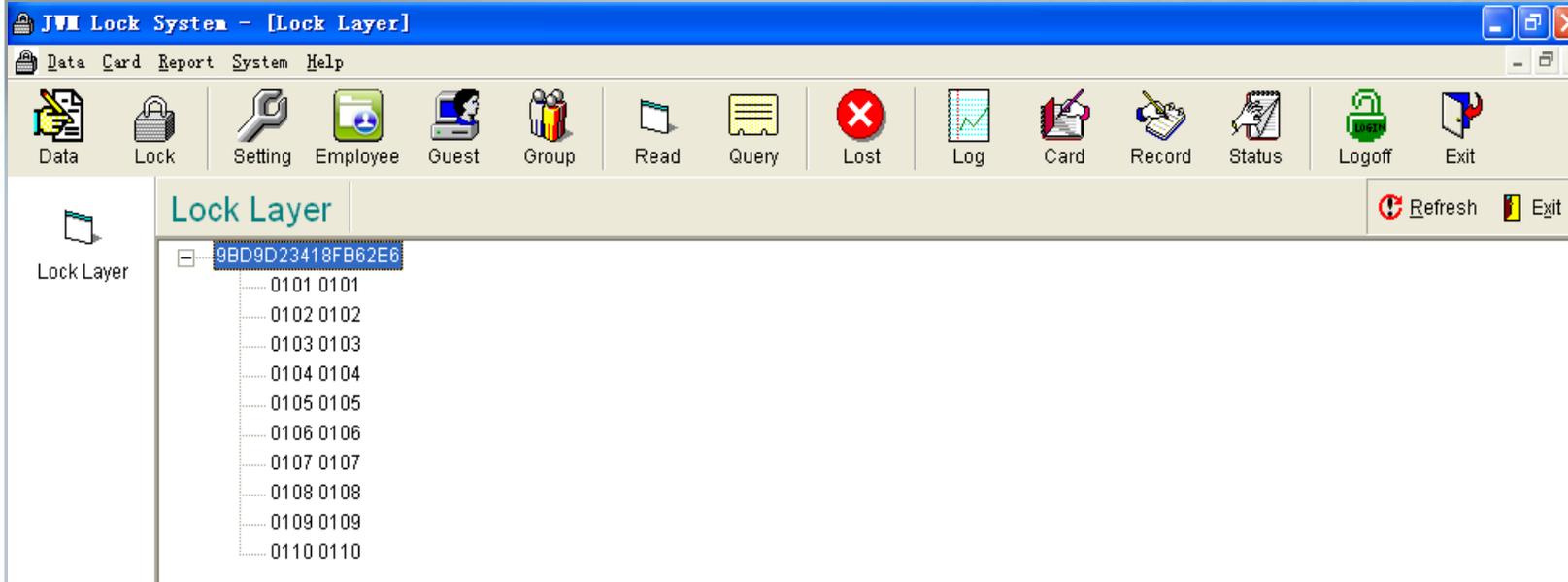
Lock No.	Lock Name	Room Type	Floor Zone	Foreman Zone	Maid Zone
0101	0101	Standard	Floor 1	Floor 1	Floor 1-2
0102	0102	Standard	Floor 1	Floor 1	Floor 1-2
0103	0103	Standard	Floor 1	Floor 1	Floor 1-2
0104	0104	Standard	Floor 1	Floor 1	Floor 1-2
0105	0105	Standard	Floor 1	Floor 1	Floor 1-2
0106	0106	Standard	Floor 1	Floor 1	Floor 1-2
0107	0107	Standard	Floor 1	Floor 1	Floor 1-2
0108	0108	Standard	Floor 1	Floor 1	Floor 1-2
0109	0109	Standard	Floor 1	Floor 1	Floor 1-2
0110	0110	Standard	Floor 1	Floor 1	Floor 1-2



# JWM Hotel Lock Management Software

## ■ Layer Management

In many cases, a suite may have more than 2 guest rooms. A guest card should open the suite's door before getting accessed into his/her guest room. A Layer Card is needed to program all the locks in this suites

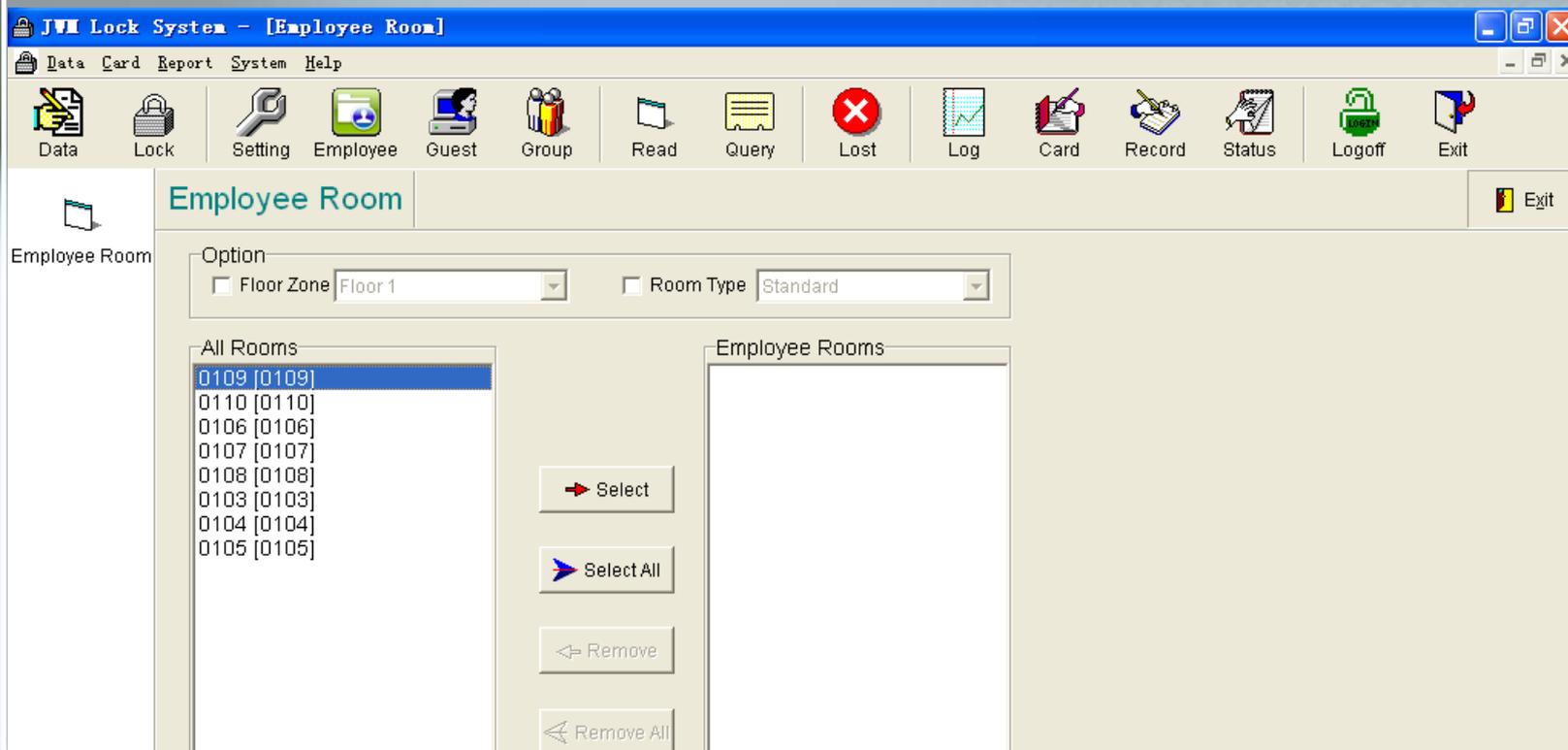




# JWM Hotel Lock Management Software

## ■ Staff ( Office )Room

In a hotel, some rooms may be used for staff or office, the locks can be programmed with with the function of Staff(Office) Room.





# JWM Hotel Lock Management Software

## Issue Staff Card

JWM Lock System - [Staff Card]

Data Card Report System Help

Basic Lock Setting Staff Guest Group Read Query Lost Log Card Info Record Status Logoff Exit

Staff Card

Card Type

- Master Card
- Foreman card
- Floor Card
- Maid Card
- Staff Card**
- Lift card
- Spare Card

Holder

Name

ID No.

Card(s)

1	2	3	4	5	6	7
8	9	10	11	12	Series	

Parameter

Floor Zone

End Time

Lock No.	Lock Name	Floor Zone
<input type="checkbox"/> 0109	0109	Floor 1

Common Door

Select All Reversal Cancel All Default

- Front Gate
- VIP Floor
- Lobby Gate

Log

Issuer

Issue Time

Modifier

Modify Time

Card Status

Data Status

Issue(F5)

Read(F6)

Modify(F7)

Erase(F8)

Exit(F3)



# JWM Hotel Lock Management Software

## ■ System Maintenance

There are System Parameter, Database, Group, Users, Language, Change Password under the menu of System. You can add or edit each items

The screenshot shows a 'Parameter' dialog box with the following fields and values:

Field	Value
Hotel Name	9BD9D23418FB62E6
Checkout Time	12:00:00
Net Port	10001
Default Day(s)	1
Encoder Port	COM3
Lift Controller Port(s)	1
E-Point Interval	15

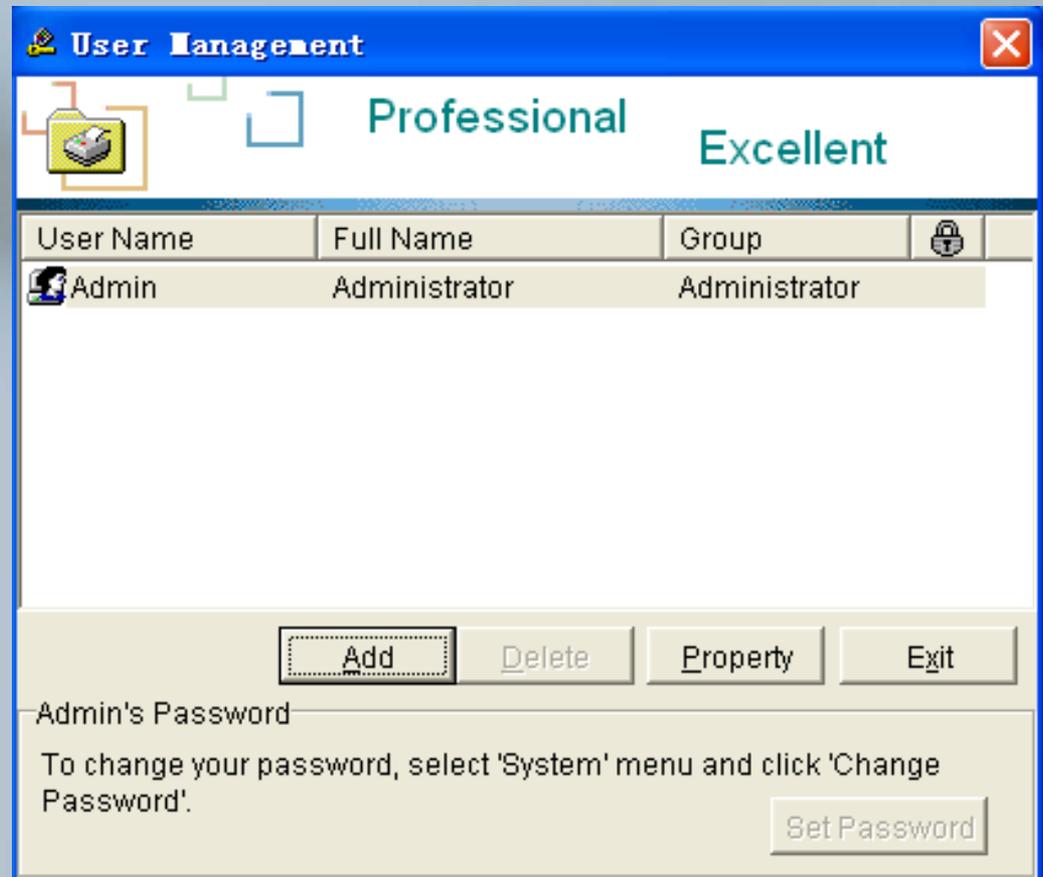
Buttons at the bottom: OK, Cancel, Apply



# JWM Hotel Lock Management Software

- **Users Management**

Users Management comes after Role Authority. Each user should have a name when entering this system





# JWM Hotel Lock Management Software

## Issue Spare Card

JWM Lock System - [Staff Card]

Data Card Report System Help

Basic Lock Setting Staff Guest Group Read Query Lost Log Card Info Record Status Logoff Exit

Staff Card

Card Type

- Master Card
- Foreman card
- Floor Card
- Maid Card
- Staff Card
- Lift card
- Spare Card

Holder

Name

ID No.

Card(s)

1	2	3	4	5	6	7
8	9	10	11	12	Series	

Parameter

Floor Zone

Room No.	Room Name	Floor Zone
<input type="checkbox"/> 0103	0103	Floor 1
<input type="checkbox"/> 0104	0104	Floor 1
<input type="checkbox"/> 0105	0105	Floor 1
<input type="checkbox"/> 0106	0106	Floor 1
<input type="checkbox"/> 0107	0107	Floor 1
<input type="checkbox"/> 0108	0108	Floor 1
<input type="checkbox"/> 0110	0110	Floor 1

Common Door

Select All Reversal Cancel All Default

- Front Gate
- VIP Floor
- Lobby Gate

Log

Issuer

Issue Time

Modifier

Modify Time

Card Status

Data Status

Issue(F5)

Read(F6)

Modify(F7)

Erase(F8)

Exit(F3)



# JWM Auxiliary products for hotels

第四代·智能节电开关



4th-generation Intellectualized Energy Saver

Energy Save is a delay switch designed to save electricity for hotels. When guests check in, they need to insert the key card into energy saver to get power, then the light/TV set/socket could be used normally. When they leave room and remove the card, the power will be off automatically to save power.

## Specification:

- Intellectualized recognition, prevent illegal card to get power;
- Conform to relevant CEC and EU standard;
- Suitable for voltage standard of all countries worldwide;
- Low-power technology;
- Special protection circuit design;
- Frequency modulation technology, make a big reduction of EMI





# JWM Auxiliary products for hotels



Encoder

## Encoder:

JWM Encoder is convenient connecting to computer by USB interface. As a hardware platform of issuing/reading/testing card, JWM encoder has characteristics of small size, multifunction, quick sense, convenience and high speed.



Data card

## Data card:

Using Philip high capacity card as data medium, could download and analyse all data exactly and conveniently.



# JWM Auxiliary products for hotels



Key card

## Key card:

Using Philip M1 card as data medium, could set data freely for about 100million times. The artwork of card surface is optional according to customer's design.



Elevator Control:

## Elevator Control:

JWM Elevator Control supports all-in-one card and could control 1~8 floors separately. It provides 485 interface for network using, and has functions of cut-off protection/ emergency button/time controller /refusing illegal cards. It works at voltage of 9~36V.



# Technical Specifications

## Technical Specifications

- Operation platform: LINUX
- Hardware platform: Maincon
- Identification time: < 1 second
- Record capacity: 80000/120000
- Way of communication: RS232/RS485 TCP/IP, realtime
- Temperature operating: -10°C --- 65°C
- Humidity operating: 15% --- 80%
- Support language: Chinese, English, and Multi language.
- Standard: ID card
- Optional: HID/Mifare card, Scheduler bell, USB host, short message, Workcode, Printer, 5V UPS





# Product introduction

- **Product introduction**
- Delicate exterior, LCD with four lines display, digital keyboard very convenient to input numbers. Its transaction storage can reach 80000 records; can be hung on the wall; developed on the basis of hardware platform. Its maincon

## Benefits

- Built in 32 bits RISC CPU
- Embedded LINUX operation system
- Standard TCP/IP communication
- Built in WEB LINUX SERVER browser
- Built in multi-language interface
- The Public and private short message that can be sent to defined person



# JWM Service

- **Aim of service:** Fast, considerate, hospitable;
- **Ideal of service:** Honesty-based and service-oriented;
- **Guarantee of service:** We offer free one-year quality warranty and life-long maintenance services;
- **Content of service:**

After many years testing of different environment, with support from customs all over the world, JWM built complete technology system and measurement for service of before-sale, in-sale and after-sale, these include: products introduction, consultant, program designing, system supporting, installation and adjustment, personnel training, maintenance, and version upgrading etc. All is for customer's comfort and satisfactory.





**ShenZhen DZF Electronic co.,Ltd**

**The End**  
**Thank You**

