



# LEVEL INTELLIGENT LOCK

FOR YOUR SMART CHOICE



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With LEVEL

we enjoy the life of technology ,  
and start our dreams from fingertips !

hotel intelligent card lock ,  
release you and your guests with a keycard !

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PROJECT REFERENCE



▼  
Brief Introduction Of Level Group

The history of Guangdong Level Intelligent Lock Industrial Co., Ltd. can be traced back to 1989 with an original name “Langtian Hardware Products Factory”, the professional manufacturer of hardware products. New name Guangdong Level Intelligent Lock Industrial Co., Ltd. was registered in 2003 as a high-tech enterprise engaged in development and application of microelectronics technology and hardware. As one of the largest intelligent lock manufacturers in mainland China, LEVEL is equipped with complete production lines and staffed with a team of high-level R&D engineers and managers, for which it firstly attained ISO9001: 2000 certificate in the same industry and also CE, RoHS, EN certificate etc. LEVEL perfect management and professional after-sale services system guaranteed high quality products and satisfying services to the clients

Level Group consists of six branches including Level Int'l (Asia) group, Guangdong Level Intelligent Lock Industrial Co., Ltd, Foshan Level Intelligent System Co., Ltd. Level Electronic Development Center, Level Mechanical Development Centre, and Level Software Development Center. Dedicated to the development, production and sales of intelligent locks and intelligent control system, LEVEL has been keeping exchanging of technology and cooperation in all respects with international partners who are specialized in lock system from Germany, Italy, Australia, USA, Turkey and Korea, by which we are the leader with international most advanced technology in lock industry in China. Thus an industrial pattern was formed as industry diversification, development Scalization, operation specialization, business regionalization and management Differentiation.

Look into the future, Level Lock will persist on a development strategy of top quality, excellent service and eminent brand. With the aim of enterprise value maximization and resources deploying globalization, Level will further perfect the firm organization and management pattern to make LEVEL the best Chinese brand in lock industry.

CREATIVE . EXCELLENT . THOUGHTFUL



LEVEL certificate



LEVEL patents



Business partners



Introduction

Philips

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

LEVEL is keeping using original NXP chip, which is seldom used in other companies of this industry.

Atmel

Atmel Corporation is a worldwide leader in the design and manufacture of microcontrollers, capacitive touch solutions, advanced logic, mixed-signal, nonvolatile memory and radio frequency (RF) components. Leveraging one of the industry's broadest intellectual property (IP) technology portfolios, Atmel® is able to provide the electronics industry with complete system solutions focused on industrial, consumer, security, communications, computing and automotive markets.

ATMEL high-capacity memorizer is used in some LEVEL electronic products.

MySQL

The MySQL database has become the world's most popular open source database because of its high performance, high reliability and ease of use. It is also the database of choice for a new generation of applications built on the LAMP stack (Linux, Apache, MySQL, PHP / Perl / Python.) Many of the world's largest and fastest-growing organizations including Facebook, Google, Adobe, Alcatel Lucent and Zappos rely on MySQL to save time and money powering their high-volume Web sites, business-critical systems and packaged software.

The database of LEVEL network version software is MySQL, which saved database cost for hotel owners.



# Why Level hotel locks?

## Always bring peace and comfort for guests, security and efficiency for hotel manager

With a history of 14 years in lock hardware production and 10 years in electronic lock manufacturing, Level has gained rich experience to deliver high quality products focusing on securing hotel guests, their belongings and properties. The intelligent management software brings a high efficiency for hotel managers.



## Reliable quality

Level carries out one set of strict rules on the respect of materials & process instrument choosing, examination of technicians, warranty of techniques and ensured the high quality.



## Flexible and adapting solutions for hotel

Level provides flexible solutions with all requirements you need, and adapts our solutions to your specific needs.



## Serive

Service has always been an important part of our offering. Based on Level professional after-sales service system, we could provide any support and guidance on lock installation and maintenance, software running and upgrading etc.



## Continuous research and development

Level found solutions continuously to meet the various requirements of market in all aspects such as PCB stability, power consumption, environment protection, Anti-static, anti-magnetic and weatherproof. Especially on the power consumption of RF lock, LEVEL is the pioneer to solve it thoroughly. With the humanized design, easy installation, simply operation, every user can enjoy LEVEL products without any setback from purchase to operation.



# Selling point of Level hotel lock system



**A.** Work with NFC mobile phone.



**B.** Could use upgrading cards to change hotel mode to office mode freely.



**C.** Could check opening records of some management cards, not only lock's records.



**D.** Translate the software to use your local language.



**E.** Software is workable in touch screen PC which runs Windows Operating System.



**F.** Wide application range: can be installed on wooden or metal door whose thickness  $\geq 38$  mm (US standard), 28 mm (EU standard).



**G.** Advanced backup system: special functional card to issue temporary guest card to avoid the inconvenience caused to customers and the chaos for management.



**H.** Low power waste, the static current can be ignored. The lock can be used for more than 1 year normally with 4pcs AA Alkaline (LR6) batteries.



**I.** One card solution, the same card for lock, car parking, elevator, building entrance, time attendance, consumption system, staff management system etc.



**J.** Alarm function: alarm works for improperly door closing, low battery voltage, or someone pastes the latches purposely.



**K.** Can be set as a Passage Lock (normal opening state), especially for conference.



**L.** Can store the latest 1000pcs unlocking records (including mechanical key and inside open).



**M.** Equipped with mechanical key for double security.



**N.** With Public Door and Area Card function. One guest card could open maximal 7 rooms.



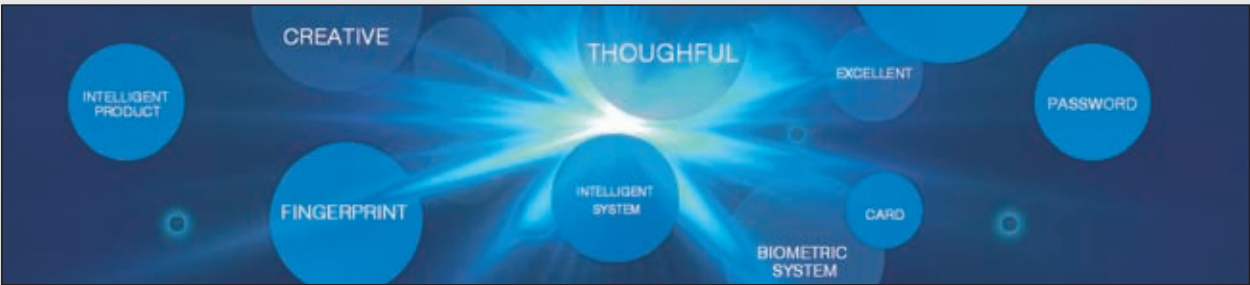
**O.** Stand-alone intelligent lock without cable connection, made up of intelligent card, intelligent lock and management software.



**P.** Using US or EU standard 5-latch mortise. Latches can be stainless steel according to customer's requirement, safe and reliable.



**Q.** Single version or network version software for your choice, easy and convenient to install and use, could interface with very famous PMS, including Fidelio, Opera.







Hotel intelligent card lock, release you and your guests with a keycard!

## Lock Parameters

**Power Supply** :DC4.5 V-6.5V, 4pcs 1.5V LR6 alkaline batteries;

**Store Temperature** :-20~+80℃;

**Store Humidity** :10~90% RH;

**Working Frequency** :13.56MHz;

**Working Temperature** :-10~+60℃;

**Working Humidity** :15~90% RH;

**Card reading distance** :0-35mm;

**Static Current** :< 20μA;

**Dynamic Current** :<200mA;

**Weight** :about 3.6 kg;

**Unlocking Time** :

Turning the handle to open the door after reading the card,if doesn't turn handle within 3 seconds,the door will be locked again automatically.

**Low Voltage Warning** :

When working voltage is less than 4.8V, indicator will be in red and buzzer sounded while unlocking. The lock can still be opened about 100 times before batteries are replaced.

**LEVEL**  
**INTELLIGENT** |  
**HOTEL LOCK**  
..... **2013**



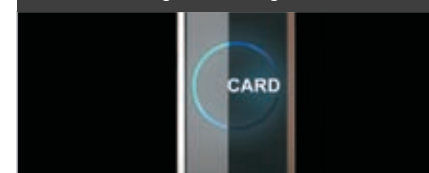
# Rose Gold Finish

distinguished beauty

LIS2008-RF-1330



Gradient light, shining and fashion.



Sliding cylinder cover



Battery box in back panel



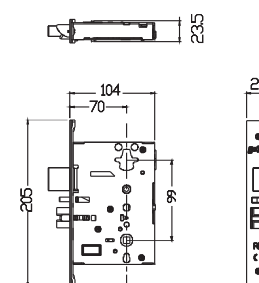
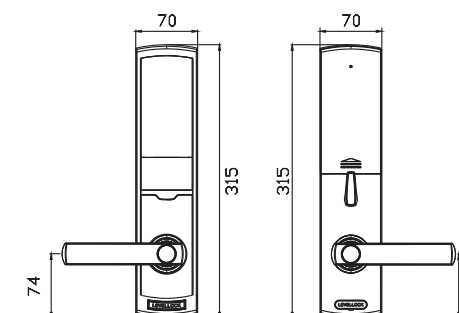
## 1

### Characteristics

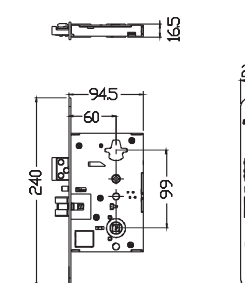
Material: Plexiglass + Zinc Alloy  
Optional finishing: RG, CR, SPVD  
Workable mortise: M001, M002, SS M003

## 2

### Specification



Standard mortise M001 upside down, suitable for  $\geq 38$ mm thickness doors.



Optional mortise SSM003 upside down, suitable for  $\geq 28$ mm thickness doors.

## 3

### Optional finishing



CR



RG



LIS2008-RF-1 660/22



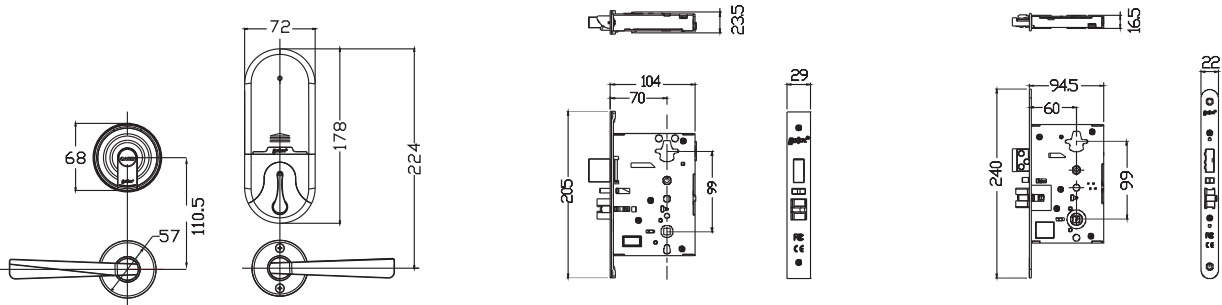
1

Characteristics

Battery box in back panel;  
Cylinder inside front reader, a double security;  
Material: Zinc Alloy;  
Optional finishing: NCR, CCR, CR, PVD, SPVD;  
Workable mortise: M001, M002, SSM003.

2

Specification



Standard mortise M001 upside down,  
suitable for ≥38mm thickness doors.

Optional mortise SSM003 upside down,  
suitable for ≥28mm thickness doors.

3

Optional handle

Zinc Alloy handles:



SS handles:





LIS2008-RF-1620/22

◀ front view

back view ▶

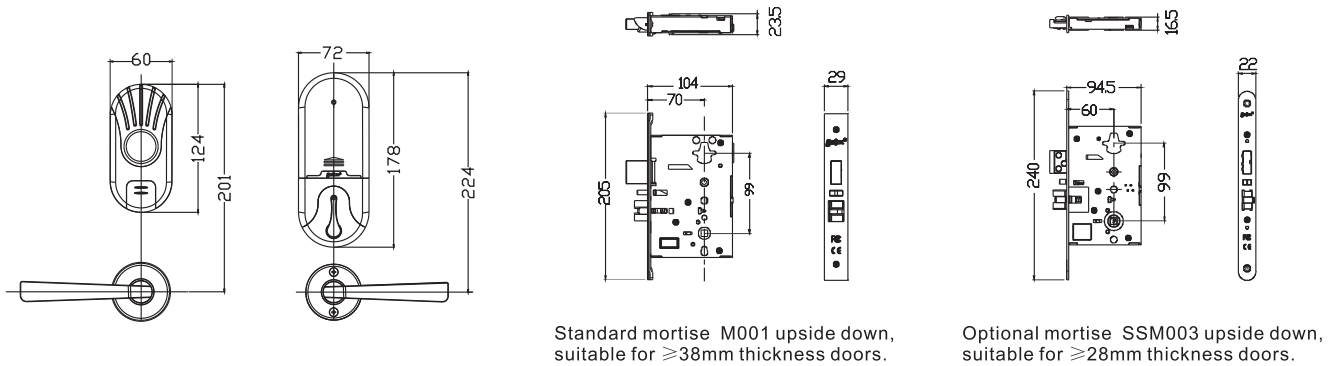
1

Characteristics

Battery box in back panel;  
Cylinder inside, a double security;  
Material: Zinc Alloy  
Finish :PVD,CCR,SPVD,CR  
Workable mortise : M001, M002, SSM003

2

Specification



3

Optional Handle

Zinc Alloy handles:



SS handles:





# LIS2008-RF-1008/4



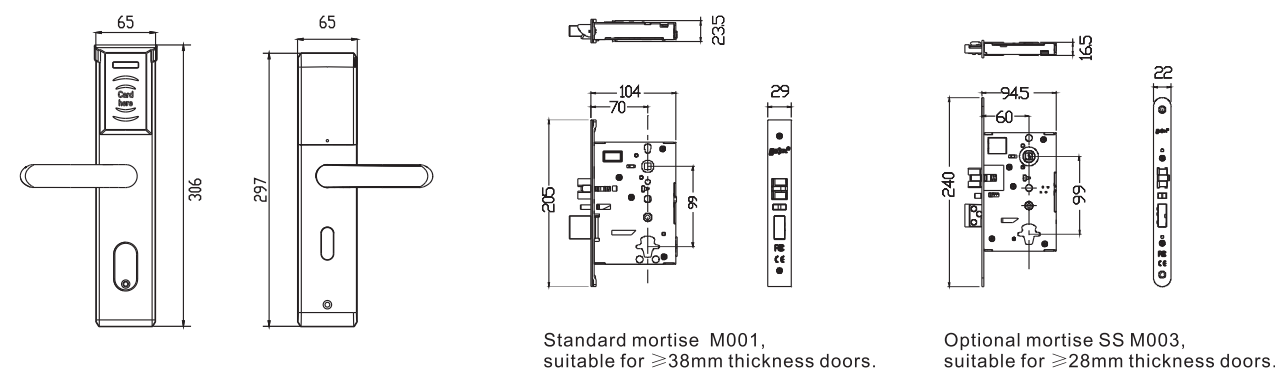
## 1

### Characteristics

Battery box in back panel;  
Cylinder inside front panel, a double security;  
Material: Zinc Alloy  
Optional finishing: CCR, PCR, PVD, AC, AB  
Workable mortise: M001, M002, SS M003

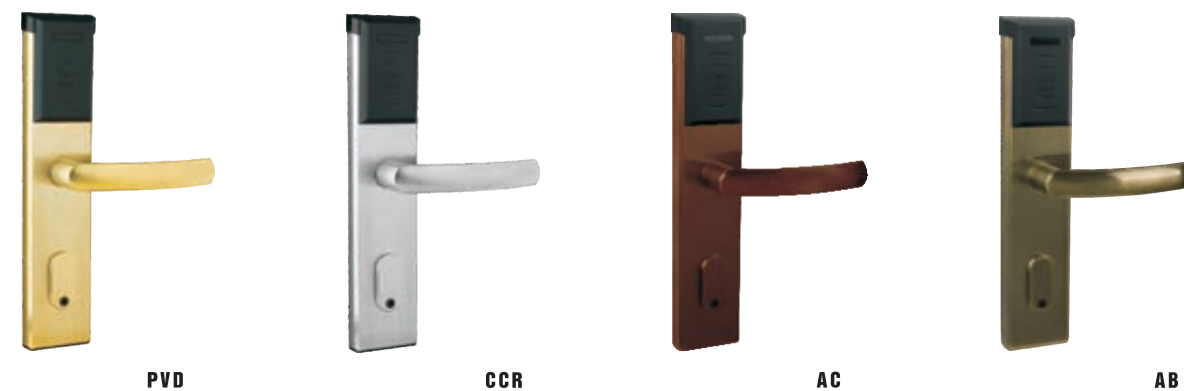
## 2

### Specification



## 3

### Optional Finishing



PVD

CCR

AC

AB



## Armored lock for outdoor use LIS2008-RF-S800LAS/32

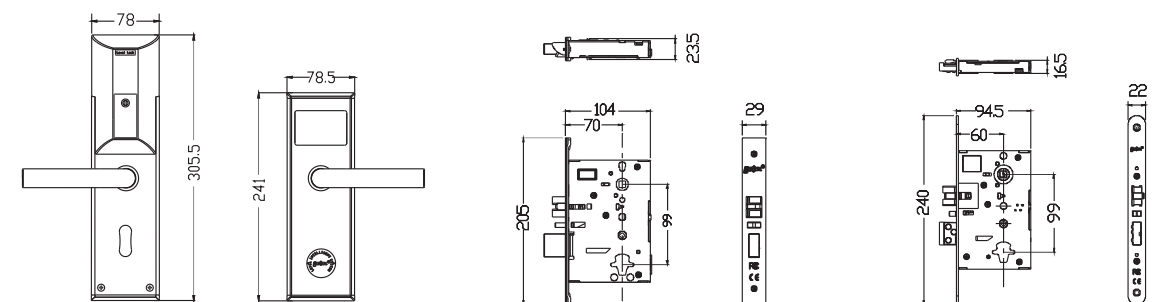
# 1

### Characteristics

Stainless steel material, anticorrosive and antirust;  
Sealed PCB, water and high temperature proof;  
Cylinder inside, a double security;  
Stainless steel handle, type No.32;  
Material: Stainless Steel  
Optional finishing: SS  
Workable mortise: SS M001, SSM002, SS M003

# 2

### Specification



Standard mortise SSM001,  
suitable for  $\geq 38$ mm thickness doors.

Optional mortise SS M003,  
suitable for  $\geq 28$ mm thickness doors.

# 3

### Optional Handle



32# handle

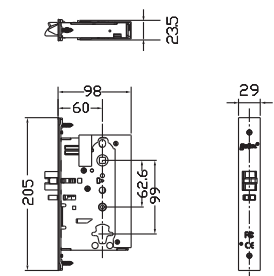


33# handle

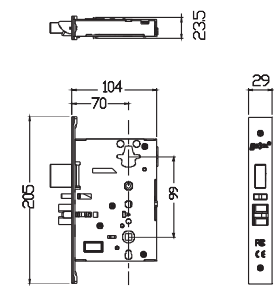


Product sheet

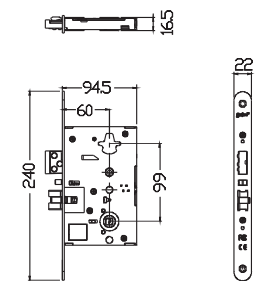
hotel intelligent card lock,release you and your guests with a keycard.



M002 upside down and without deadbolt, suitable for ≥38mm thickness doors.



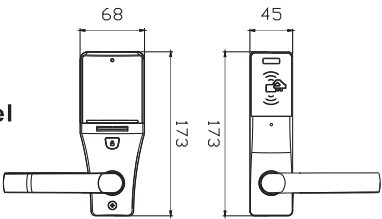
Standard mortise M001 upside down, suitable for ≥38mm thickness doors.



Optional mortise SSM003 upside down, suitable for ≥28mm thickness doors.

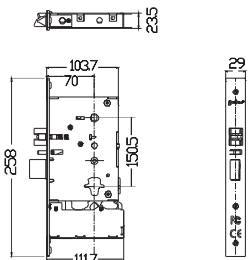
LIS2008-RF-N500/1

Double lock button on the back panel  
Material: Zinc Alloy  
Finish: CCR, PVD



Product sheet

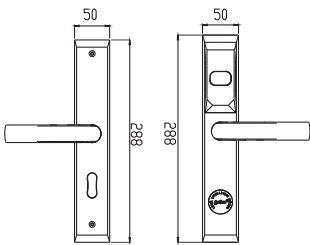
hotel intelligent card lock,release you and your guests with a keycard.



Standard mortise M001P  
Suitable for ≥40mm thickness doors

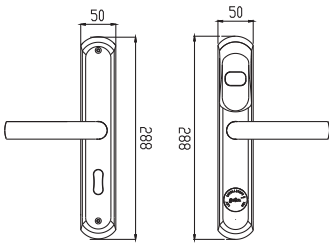
LIS2008-RF-N200/5

Material: Zinc Alloy  
Finish: CCR, PVD



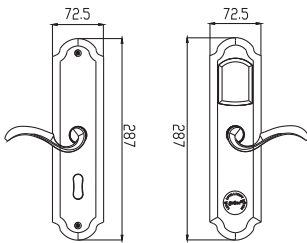
LIS2008-RF-N300/4

Material: Zinc Alloy  
Finish: CCR, PVD



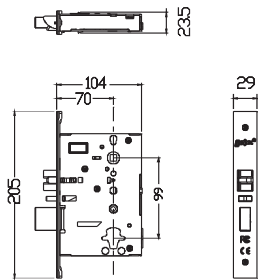
LIS2008-RF-N600/2

Material: Zinc Alloy  
Finish: CR/SCR, PCD/SCR, PVD/SPVD

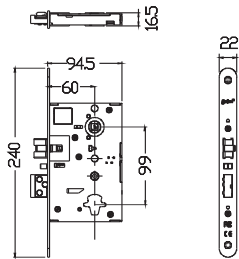


Product sheet

hotel intelligent card lock,release you and your guests with a keycard.



Standard mortise M001, suitable for ≥38mm thickness doors.



Optional mortise SS M003, suitable for ≥28mm thickness doors.

LIS2008-RF-1500/20

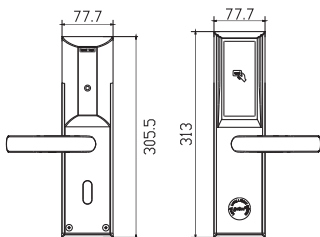
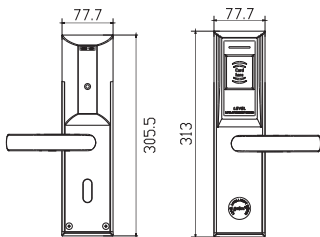
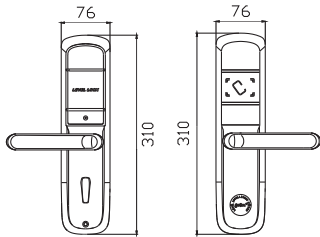
Material: Zinc Alloy  
Finish: CR, SPVD

LIS2008-RF-1020A/5

Material: Zinc Alloy+stainless steel  
Finish: CCR, PVD

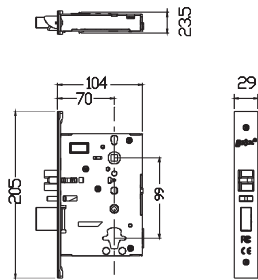
LIS2008-RF-1020iA/5

Material: Zinc Alloy+stainless steel  
Finish: CCR, PVD

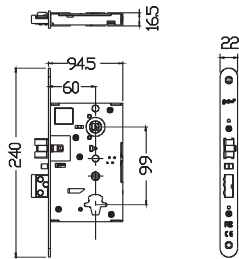


Product sheet

hotel intelligent card lock,release you and your guests with a keycard.



Standard mortise M001, suitable for ≥38mm thickness doors.



Optional mortise SS M003, suitable for ≥28mm thickness doors.

LIS2008-RF-1028AS/32

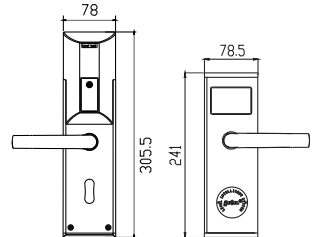
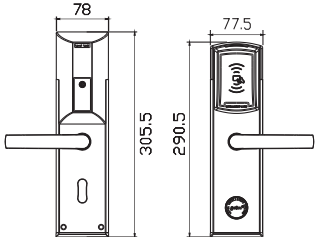
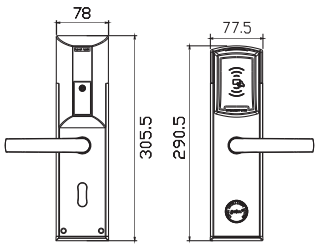
Material: Zinc Alloy+stainless steel  
Finish: CCR, PVD

LIS2008-RF-1108AS/32

Material: SS  
Finish: CCR, PVD

LIS2008-RF-S800AS/32

Material: SS  
Finish: CCR, PVD







01 / Door Access Controller

Function description

- \* Release a door access by authorized valid MF1 card which could limit the access right of users and increase the security level.
- \* Touch keypad reader for your choice. To protect user's privacy, a pretended code that contains the true one can be used for opening.
- \* Support NFC mobile phone opening.
- \* Door access, hotel lock and lift can be operated with one card, which is very convenient for users.
- \* Normal open and Normal close can be set easily for special case.
- \* Can set automatic opening during user-defined period, and one reader support multi locks.
- \* The latest 1000pcs opening records can be tracked. When power fails, records can be saved well for at least 10 years.
- \* With water-proof function (optional).
- \* Relay release time: 0-35 seconds adjustable.
- \* Connect with fire alarm device, could release the lock automatically upon signal.
- \* Could connect with Open door switch and Video door phone for opening.

Parameters

Power	DC12~15V stable power supply
Store temperature / humidity	-20℃ ~ +80℃ / 10~95%RH
Working temperature / humidity	-10℃ ~ +70℃ / 15~90%RH
Reader working current	<150mA
Card type	Mifare one series IC card
Card reading distance	0-50mm
Reader dimensions	13.0cm×6.0cm×2.2cm
Opening record	The latest 1000pcs records
Maximal output	3A
Workable lock type	Rim lock, electromagnetic lock, electric strike



02 / Lift Access Control System

Function description

- \* Operating the lift by authorized valid MF1 card which could limit the access right of users and increase the security level.
- \* Touch keypad reader for your choice. To protect user's privacy, a pretended code that contains the true one can be used for opening.
- \* Support NFC mobile phone opening.
- \* Read the valid mono-floor card, the lift will go straight to the pre-setting floor without pressing the bottom. Read the valid multi-floor card, it needs to press the bottom after swiping card.
- \* Lift, hotel lock and door access can be operated with one card, which is very convenient for users.
- \* Multi-floor controlled: 16 floors can be controlled with one system main board and extended board, adding another extended board, more 16 floors can be controlled and maximal 4 extended boards supported.
- \* Connect by passive dry contact, LEVEL lift control system runs separately from the lift, safe and reliable.
- \* Card right of calling lift can be programmed for one single lift or several different lifts, one certain floor or different floors, and with valid period.
- \* Each floor of the lift can be set as "controllable" or "incontrollable", and with valid period.
- \* Blacklist management: 1000pcs cards can be put into the blacklist to avoid illegal use.
- \* With 10000pcs lift calling records, including card ID, time of using and the floor of reaching. When power fails, records can be still saved well for at least 10 years.
- \* With self-protection function: connect with fire alarm device, when fire disaster happens, the system stops working till the fire alarm signal is cleared up. (The fire-fighting signal should be passive dry contact).

Parameters

Power	DC12~15V stable power supply
Store temperature / humidity	-20℃ ~ +80℃ / 10~95%RH
Working temperature / humidity	-10℃ ~ +70℃ / 15~90%RH
Reader working current	<155mA
Extended board working current	<300mA
Reader working current	<100mA
Card type	Mifare one series IC card
Card reading distance	0-50mm
Reader dimensions	13.0cm×6.0cm×2.2cm
Main board dimensions	16.3cm×10.1cm×2cm
Extended board dimensions	16.3cm×10.1cm×1.7cm
Lift calling record	The latest 1000pcs records
Application	Various lifts

# Level hotel lock management software



## LEVEL hotel lock management software



Lite version

★ ★ version

★ ★ ★ ★ ★ version



Standard version

★ ★ version

★ ★ ★ ★ ★ version

### Introduction of LEVEL hotel lock management software(★ ★ version)

- \* Could check opening records of some management cards, not only lock's records. 1
- \* Translate the software to use your local language. 2
- \* Software is workable in touch screen PC which runs Windows Operating System.
  - Works in Windows XP / Vista / Win7 32/64 bit / Win8 OS.
  - Guest card for suite can be set to open main entrance door + any doors inside the suite (1-8 doors).
  - Automatic read/write card function to speedup check-in.
  - Speedily search and report function.
  - Guest card could be replaced by newly programmed one.
  - Single check-in and Group check-in function.
  - Special card including Floor card, Building card, Master card, Emergency card, Spare card, Check-out card, Data card etc. 3

### Extension menu (★ ★ ★ ★ ★ version)

- Public door function.
- Area card function.
- One guest card could open maximal 7 rooms, host room and kith room. 4
- Special card could be replaced by newly programmed one.
- Setting of User right, administrator could set different position and select each specified right for user. 5
- Interface with Fidelio/Opera. 6
- Search and report for consumption bill.
- Guest information register.
- Room reservation.





System accessories

PNP Encoder

Made of ABS insulating material, Level PNP Encoder is used to read and write cards with characteristics of fast speed, plug and play. Works in Windows XP / Vista / Win7 32/64 bit / Win8 OS.



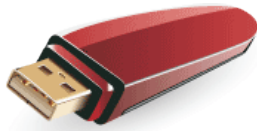
Card

MF1 card, can be issued to different types of cards with different functions to open the lock, can be reported lost, recycled and reused.



Dongle

A key to lock software, and double security for your mangement.



3 in 1 Hand terminal

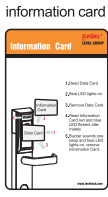
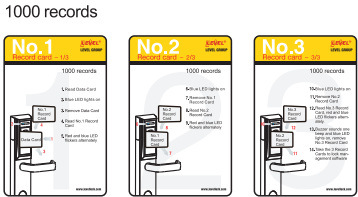
One device with 3 functions of issuing Clock card, Installation card, and downloading unlocking records without a connection with computer, providing clients with most convenient and high efficiency solution.



DAQ SET

Information card  
It is used to retrieve all information of PCB, including detailed parameter settings of lock, card type code, blacklist of card ID, status of lock etc. which plays a very important role in some special situation. For example, certain rooms have things stolen.

Record card  
It is used to retrieve unlocking records from PCB, including the one by mechanical key and inner handle.

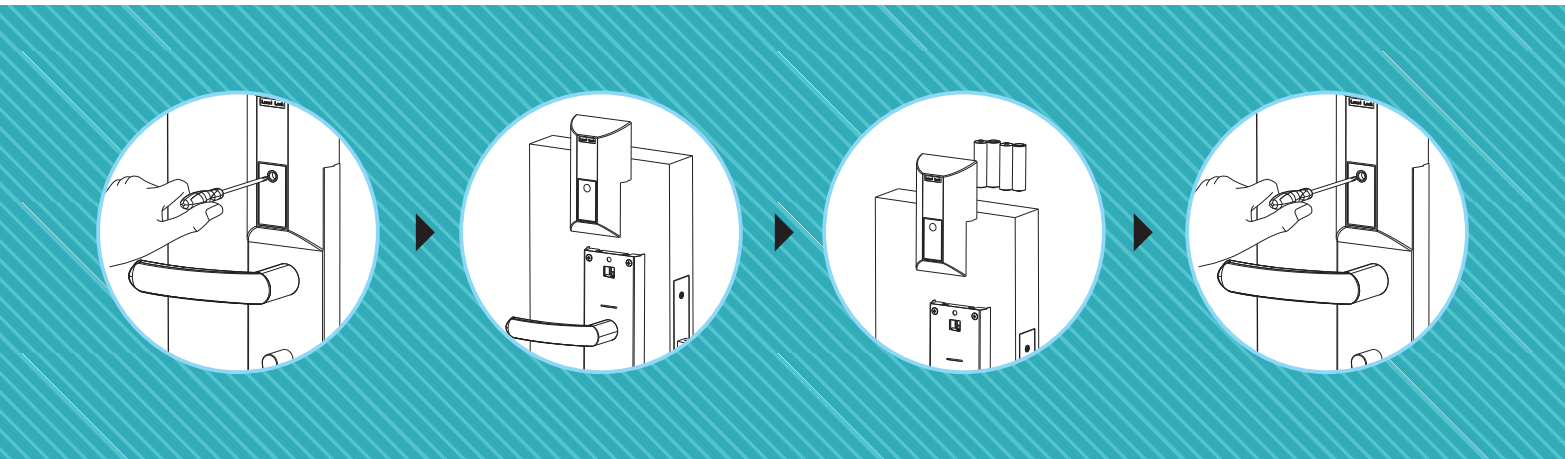


Handest

It is used to issue Clock card and Installation card without a connection with computer, convenient and high efficiency for the lock's setting.

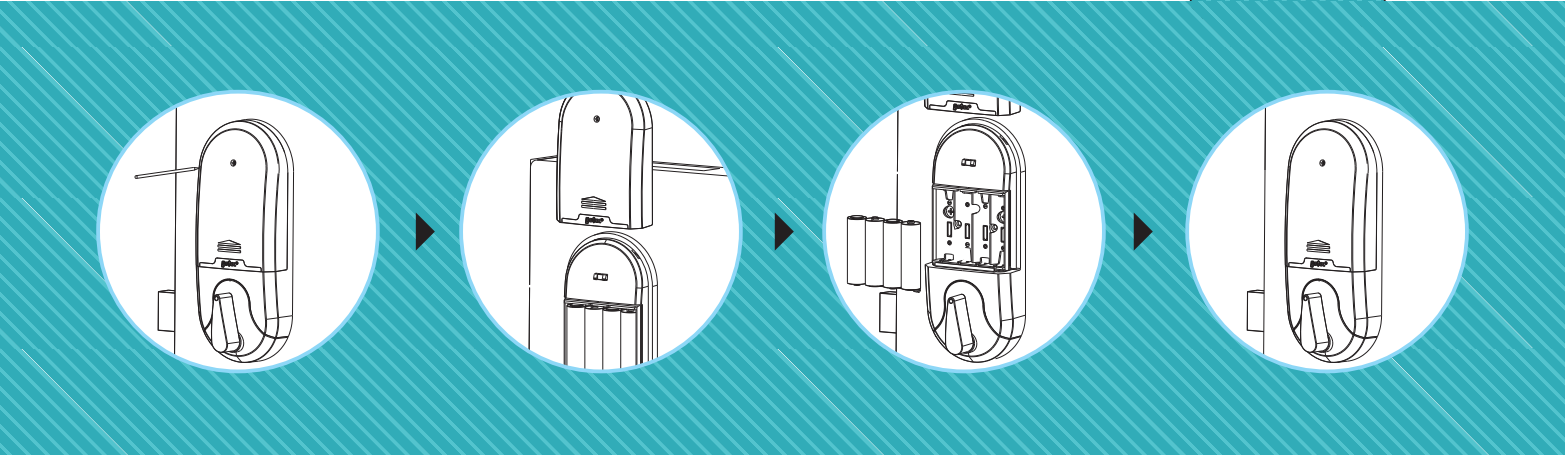
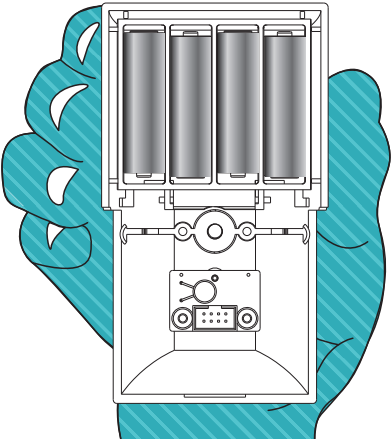


Battery Replacement



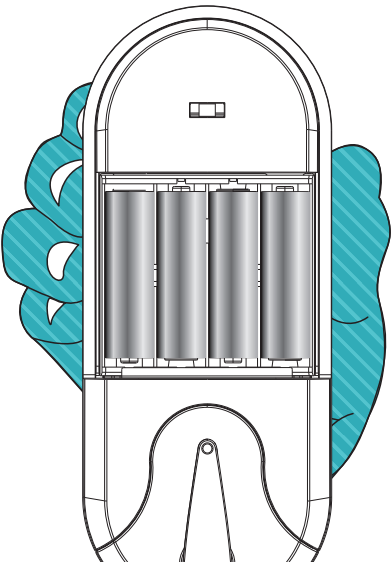
External battery case on back panel

- Step 1: unscrew the battery case.
- Step 2: change old batteries with new ones.
- Step 3: fix the battery case.



Battery box inside back panel

- Step 1: Insert a sharp tool into the hole for opening battery box cove, press it and move upwards to open the cover.
- Step 2: change old batteries with new ones.



Note: Either Hand Terminal or Handset can be chosen.



With LEVEL, we enjoy the life of technology, and start our dreams from fingertips!

## Lock Parameters

### Fingerprint / Keyad lock

Fingerprint collected time: <0.5 second  
Fingerprint contrast time: <1 second  
FRR:  $\leq 1\%$   
FAR:  $\leq 0.0001\%$   
Dynamic power waste: <200mA  
Operating temperature:  $-8^{\circ}\text{C} \sim +60^{\circ}\text{C}$   
Fingerprint window solution: 500pdi  
Fingerprint setting template: twice form a template  
Working voltage: 4.8-6.0V, 4pcs of 1.5V AA alkaline batteries  
Static power waste:  $\leq 20\mu\text{A}$

### Keypad/card lock

Power supply: DC 4.5~6.5V  
4pieces of 1.5V AA alkaline batteries  
Static current: < 20 $\mu\text{A}$   
Dynamic Current: <200 mA  
Store temperature:  $-20 \sim +85^{\circ}\text{C}$   
Password: 2 groups  
Store Humidity: 10~85% RH  
Working temperature:  $-8 \sim +60^{\circ}\text{C}$   
Working Humidity: 15~85% RH  
Working frequency: 13.56MHz (MF 1)  
Reaction time:  $\leq 100\text{ms}$

#### Low Voltage Warning:

Another 100 times opening since the first low-power warning given out by the lock.  
Applied to wooden or metal door of 28~75mm door thickness

### RF card lock

Power supply: DC 4.5~6.5V  
4 pieces of 1.5V AA alkaline batteries  
Static current: < 20 $\mu\text{A}$   
Dynamic Current: <200 mA  
Store temperature:  $-20 \sim +85^{\circ}\text{C}$   
Store Humidity: 10~85% RH  
Working temperature:  $-8 \sim +60^{\circ}\text{C}$   
Working Humidity: 15~85% RH  
Working frequency: 13.56MHz (MF 1)  
Reaction time:  $\leq 100\text{ms}$

**LEVEL**  
INTELLIGENT LOCK  
FOR  
RESIDENCE AND OFFICE  
.... 2013





LI 2010-MT-1300

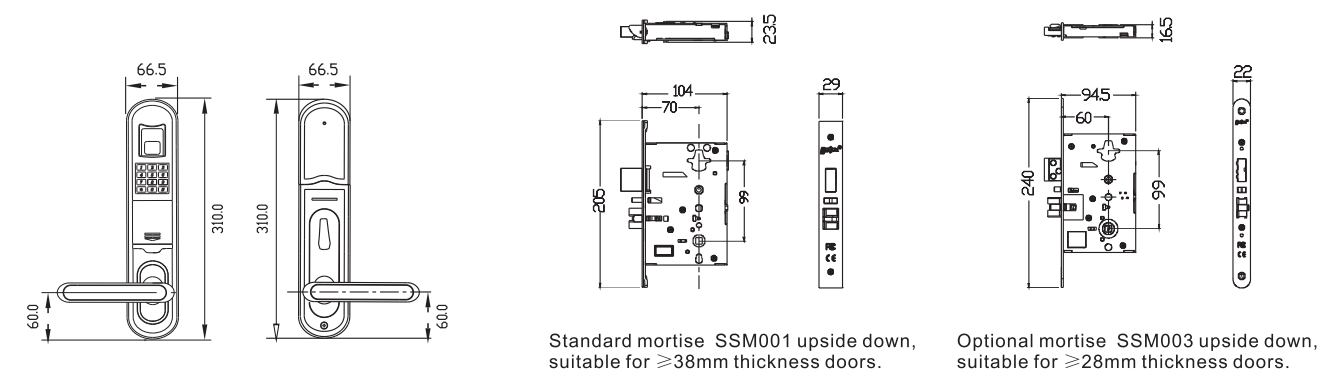
# 1

## Characteristics

Three ways to open, fingerprint / keypad / mechanical key  
 Slide cover on cylinder  
 Material: Zinc Alloy  
 Finish :PVD/PCR , PVD/SPVD , CR/PCR  
 Workable mortise : SS M001, SS M002, SS M003

# 2

## Specification



# 3

## Optional finishing



CR/PCR



PVD/PCR



PVD/SPVD



LI 2010-MT-1020

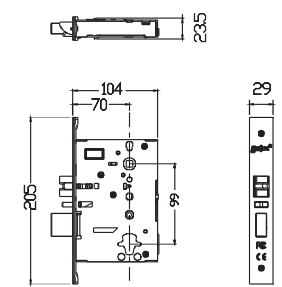
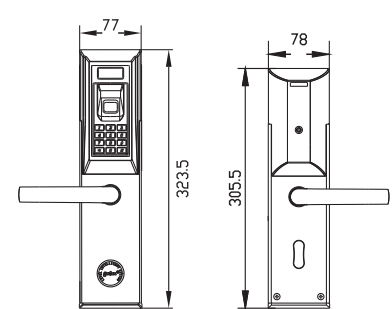
# 1

## Characteristics

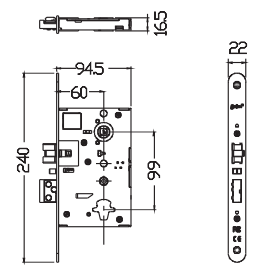
Three ways to open, fingerprint / keypad / mechanical key  
 Material: Zinc Alloy+stainless steel  
 Finish :CCR,PVD  
 Workable mortise : SS M001, SS M002 , SS M003

# 2

## Specification



Standard mortise SSM001,  
 suitable for ≥38mm thickness doors.



Optional mortise SS M003,  
 suitable for ≥28mm thickness doors.

# 3

## Optional finishing



CCR



PVD





LI 2010-MT-1800

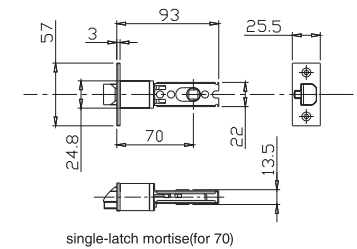
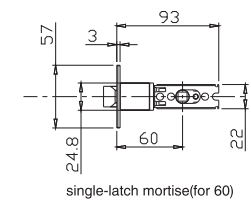
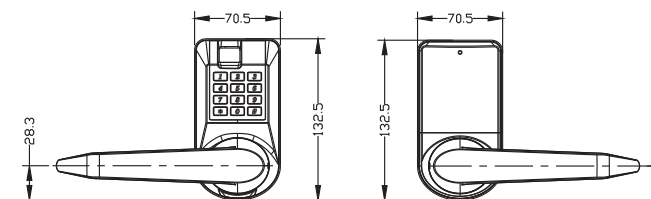
# 1

## Characteristics

Three ways to open, fingerprint / keypad / mechanical key  
Material: Zinc Alloy  
Finish :CCR , PVD  
Workable mortise : 60/70 sigle-latch

# 2

## Specification



# 3

## Optional finishing



CCR



PVD

# Gorgeous choice

## LIS2018-TDT-1330



01 /Touch keypad



02 /RFID card



03 /Mechanical keys



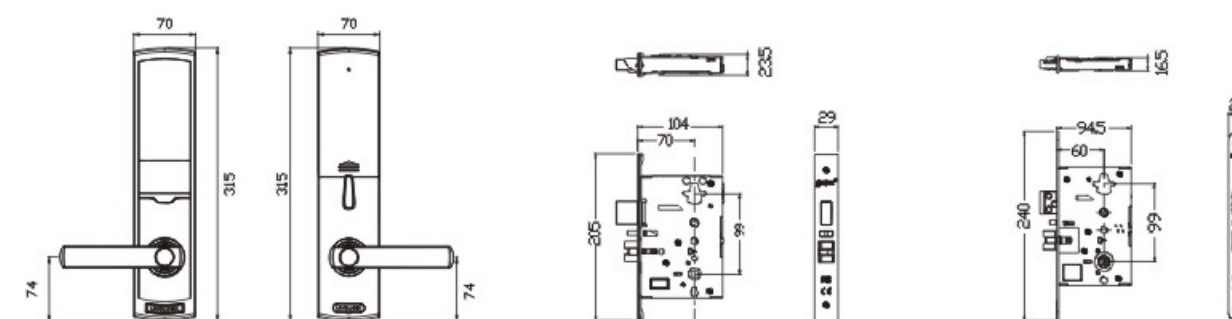
## 1

### Characteristics

Three ways to open: touch keypad / RFID card / mechanical key  
Slide cover on cylinder  
Material: Plexiglass + Zinc Alloy  
Optional finishing: RG, CR, SPVD  
Workable mortise: SS M001, SS M002, SS M003

## 2

### Specification



Standard mortise SSM001 upside down, suitable for  $\geq 38$ mm thickness doors.

Optional mortise SSM003 upside down, suitable for  $\geq 28$ mm thickness doors.

## 3

### Optional finishing



CR



RG



# LIS2018-TDT-1550/20



01 /Touch keypad



02 /RFID card



03 /Mechanical keys



## 1

### Characteristics

Three ways to open: touch keypad / RFID card / mechanical key

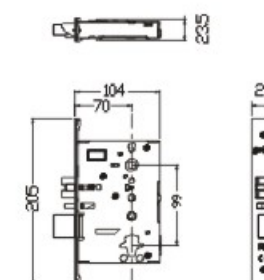
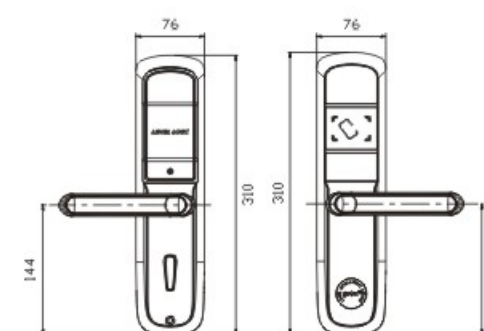
Material: Plexiglass + Zinc Alloy

Optional finishing: CR, SPVD

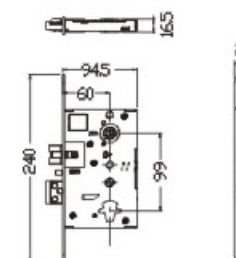
Workable mortise: SS M001, SS M002, SS M003

## 2

### Specification



Standard mortise SS M001,  
suitable for  $\geq 38\text{mm}$  thickness doors.



Optional mortise SS M003,  
suitable for  $\geq 28\text{mm}$  thickness doors.

## 3

### Optional finishing



CR



SPVD

# LIS2008-TDT-1020/5



01 /Touch keypad



02 /RFID card



03 /Mechanical keys



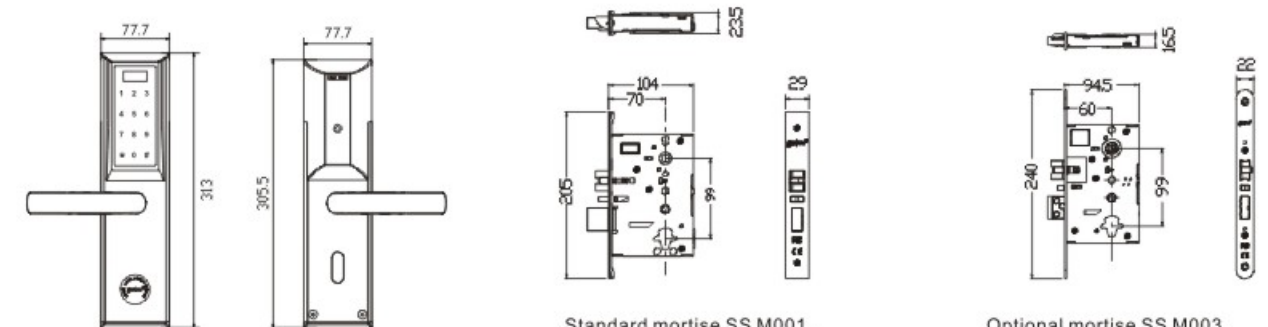
## 1

### Characteristics

Three ways to open: touch keypad / RFID card / mechanical key  
Slide cover on cylinder  
Material: SS + Zinc Alloy  
Optional finishing: CCR, PVD  
Workable mortis: SS M001, SS M002, SS M003

## 2

### Specification



Standard mortise SS M001,  
suitable for  $\geq 38$ mm thickness doors.

Optional mortise SS M003,  
suitable for  $\geq 28$ mm thickness doors.

## 3

### Optional finishing



CCR



PVD



# LI 2010-DT-1020

## Characteristics

Three ways to open: MF1 card/ keypad / mechanical key

Material: SS + Zinc Alloy

Finish: CCR,PVD

Workable mortise : SS M001, SS M002, SS M003



CR/PCR

PVD/PCR

PVD/SPVD

## Characteristics

Slide cover on cylinder

Three ways to open: MF1 card/ keypad / mechanical key

Material: Zinc Alloy

Finish :PVD/PCR , PVD/SPVD , CR/PCR

Workable mortise : SS M001, SS M002, SS M003




# LI 2010-DT-1300




# Product sheet


LEVEL RF card lock for residence and office.




LIS2018-RF-1330  
Finish:RG,CR,SPVD




LIS2018-RF-1660  
Finish:CR,SPVD,CCR,PVD




LIS2018-RF-1620  
Finish:CR, SPVD, CCR, PVD




LIS2018-RF-1500  
Finish:CR/SPVD




LIS2018-RF-1300  
Finish:CR/PCR, PVD/SPVD, PVD/PCR




LIS2018-RF-1008  
Finish:CCR, PVD, PCR




LIS2018-RF-N300  
Finish:CCR/PVD




LIS2018-RF-N200  
Finish:CCR/PVD




LIS2018-RF-1028  
Finish:CCR/PVD




LIS2018-RF-1108  
Finish:CCR/PVD




LIS2018-RF-S800  
Finish:CCR/PVD




LIS2018-RF-S800L  
Finish:CCR




LIS2018-RF-1020i  
Finish:CCR/PVD



LIS2018-RF-1020  
Finish:CCR/PVD















LIS2018-RF-N600  
Finish:CR/SCR, PVD/SCR, PVD/SPVD



LIS2018-RF-N500  
Finish:CCR/PVD

# Handle sheet


Zinc alloy handles:

 1# handle	 2# handle	 4# handle
 5# handle	 7# handle	 10# handle
 15# handle	 17# handle	 20# handle
 22# handle	 25# handle	 28# handle
 29# handle	 30# handle	 31# handle

Stainless steel handles

 18# handle	 32# handle	 33# handle
---	---	---

Colors:

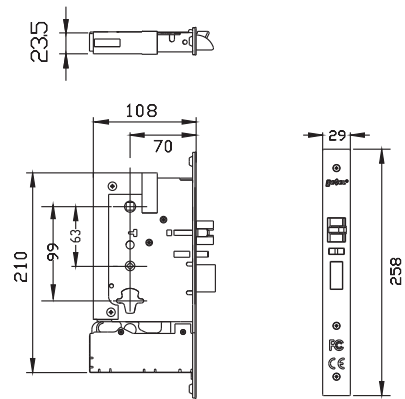
 CCR	 PVD	 CR	 SPVD	 PCR	 NCR
--	--	---	---	--	--



Mortise



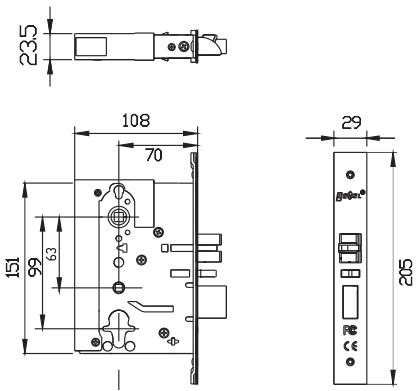
Model:M001P



Standard: Zinc alloy latches.  
Optional: Stainless Steel latches.



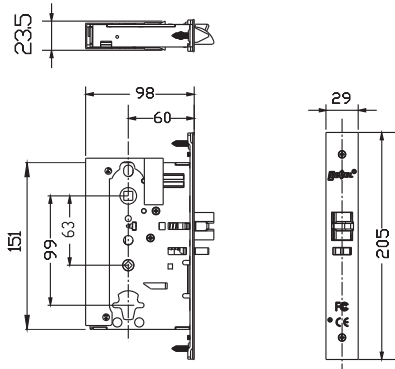
Model:M001



Standard: Zinc alloy latches.  
Optional: Stainless Steel latches.



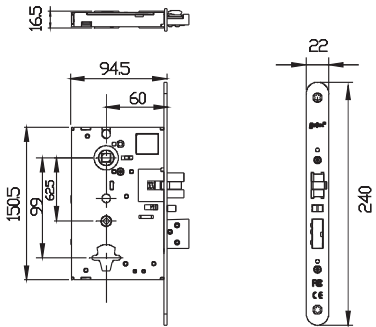
Model:M002



Standard: Zinc alloy latches.  
Optional: Stainless Steel latches.



Model:M003

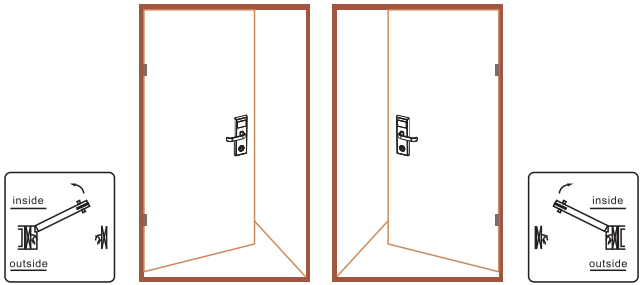


Standard: Stainless Steel latches.

Lock Installation guide

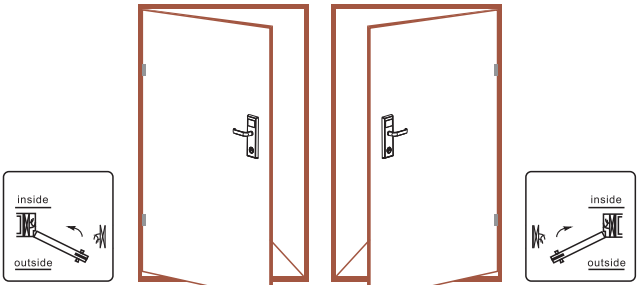
judge lock direction

► Inside open



left hand      right hand

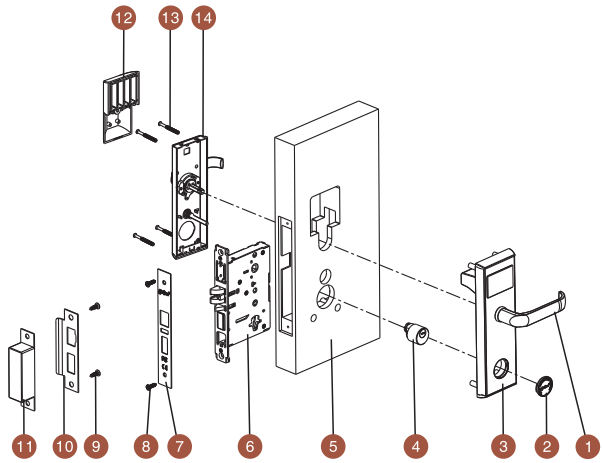
► outside open



left hand      right hand

Left hand:stand outside the door,and face towards door,hinge is in left hand.  
Right hand:stand outside the door,and face towards door,hinge is in right hand.  
Inside open:push in to open the door.  
Outside open:pull out to open the door.

Lock installation diagram



- |                    |                  |                 |
|--------------------|------------------|-----------------|
| 1 Handle           | 2 Cylinder cover | 3 Front panel   |
| 4 Cylinder         | 5 Door           | 6 Mortise       |
| 7 Face Plate       | 8 Pan Screw      | 9 Tapping Screw |
| 10 Strike Plate    | 11 Strike box    | 12 Battery Box  |
| 13 Hexagonal Screw | 14 Back panel    |                 |

Cylinder Cover



cylinder cover



opening tool of cylinder cover

It is made by integrated foundry. With foundry revolving groove, its position is fixed well through revolving spring of cover, rotation proof and drop proof. You can pull it out by Level particular tool, and completely solved the problem that cylinder cover is shook down or lost easily when open and close the door. It is also LEVEL patented.

Level Intelligent safe



Model	Thickness	Size	Color
SF-810I-DG	1.2mm(body), 5mm(door)	H200xW420xD370	Ivory \ Black
SF-800B-DG	1.5mm(body), 5mm(door)	H180xW400xD350	Ivory \ Black
SF-820B-DG	2mm(body), 5mm(door)	H200xW420xD370	Ivory \ Black
SF-830B-DG	1.5mm(body), 5mm(door)	H180xW400xD350	Ivory \ Black

SF-810I-DG    SF-800B-DG

- 1. International standard ADA digit keyboard and the advancing one time molding technology are adopted in manufacturing the box.
- 2. 3-6 digit codes are for option.
- 3. Supporting LED displaying and multiple operational massage, such as battery status, error tips and programming status.
- 4. With many accessories for option, such as emergency mechanical keys and emergency decoder.
- 5. Two sets of code are provided: user code for guests and master code for management (optional).
- 6. Emergency decoder is equipped for higher management.
- 7. Wrong codes input four times continuously, self-lock function of the system will be acted, safer and reliable.
- 8. Working mode: hotel mode.
- 9 .Low power consumption: 4pcs 1.5V AA alkaline battery can be used normally for more than one year.

SF-820B-DG    SF-830B-DG

- 1. International standard ADA digit keyboard and the advancing one time molding technology are adopted in manufacturing the box.
- 2. 3-6 digit codes are for option.
- 3. Supporting LED displaying and multiple operational massage, such as battery status, error tips, programming status and door opened record.
- 4. With many accessories for option, such as emergency mechanical keys, emergency decoder, computer connector and software for printing statements.
- 5. Two sets of code are provided: user code for guests and master code for management (optional).
- 6. Emergency decoder is equipped for higher management.
- 7. Wrong codes input four times continuously, self-lock function of the system will be acted, safer and reliable.
- 8. Multiple working modes are for option: personal mode and hotel mode.
- 9. The latest 100 times opening record can be printed.
- 10 .Low power consumption: 4pcs 1.5V AA alkaline battery can be used normally for more than one year.



# Energy Saver



SW-2000M1  
RF Energy Saver, works with Philips MF1 card.

SW-6000RMF1  
RF Energy saver, works with Philips MF1 card  
with correct room number.



SW-2000N  
Normal Energy Saver, works with any type of card.

## SW-2000M1

Working voltage : AC 50/60Hz 100-120V, 50Hz 200-240V, 60Hz 200-240V  
Load current : 30A  
Self-consumption power waste : <3W  
Lifetime of contact of relay : > 100,000 times at 220V 20A  
Delay-time after power off : 8-15s  
Working temperature : -10℃~60℃  
Working humidity : 10~95%RH  
Environment : -20℃~80℃ for transportation and stock  
Installation : Level standard 86 base box  
Exterior dimension : W86 X H86 X D42mm

## SW-6000RMF1

Working voltageAC : 50/60Hz 100~250V  
Load current : <30A (suggest 16A)  
Self-consumption power waste : <3W  
Lifetime of contact of relay : > 100,000 times at 220V 20A  
Delay-time after power off : 8-15s  
Working temperature : -10℃~60℃  
Working humidity : 10~95%RH  
Environment : -20℃~80℃ for transportation and stock  
Installation : Level standard 86 base box  
Exterior dimension : W86 X H86 X D42mm

## SW-2000N

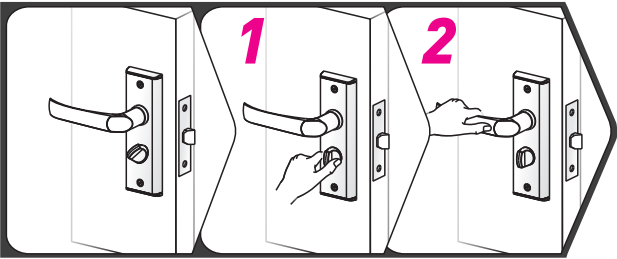
Working voltage : AC 50/60Hz 100-120V, 50Hz 200-240V, 60Hz 200-240V  
Load current : 30A  
Self-consumption power waste : <3W  
Lifetime of contact of relay : > 100,000 times at 220V 20A  
Delay-time after power off : 8-15s  
Working temperature : -10℃~60℃  
Working humidity : 10~95%RH  
Environment : -20℃~80℃ for transportation and stock  
Installation : Level standard 86 base box  
Exterior dimension : W86 X H86 X D42mm

# Bathroom lock

- Designed by famous Italy designer, the style matches with electronic lock, providing the convenience of using the security system of hotel.
- Made by high-precision alloy casting in optical finishing (CCR and PVD) , pure and durable. Patented lock-from-inside structure, humanistic design, reliable and durable.
- Can turn the handle to open the door one step (patent) from inside, and no need turn dead bolt.
- Turn the knob on the back panel to lock the door, and no need use mechanical key to lock (patent) .

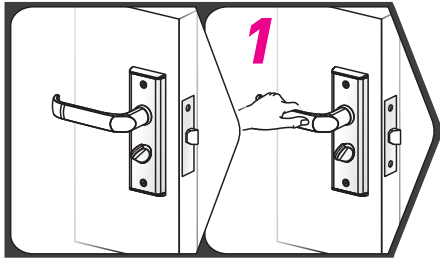
## Other

After double locked from inside, turn back the knob firstly, then turn handle to open the lock.



## LEVEL'S

After double locked from inside, turn handle directly to open the lock.



W1-1101 PVD



W1-1202 PVD/SPVD



W1-1503 PVD



W1-1630 PVD



W1-1101 CCR



W1-1202 PVD/SCR



W1-1503 CCR



W1-1630 CCR

PROJECT REFERENCE





PROJECT REFERENCE

