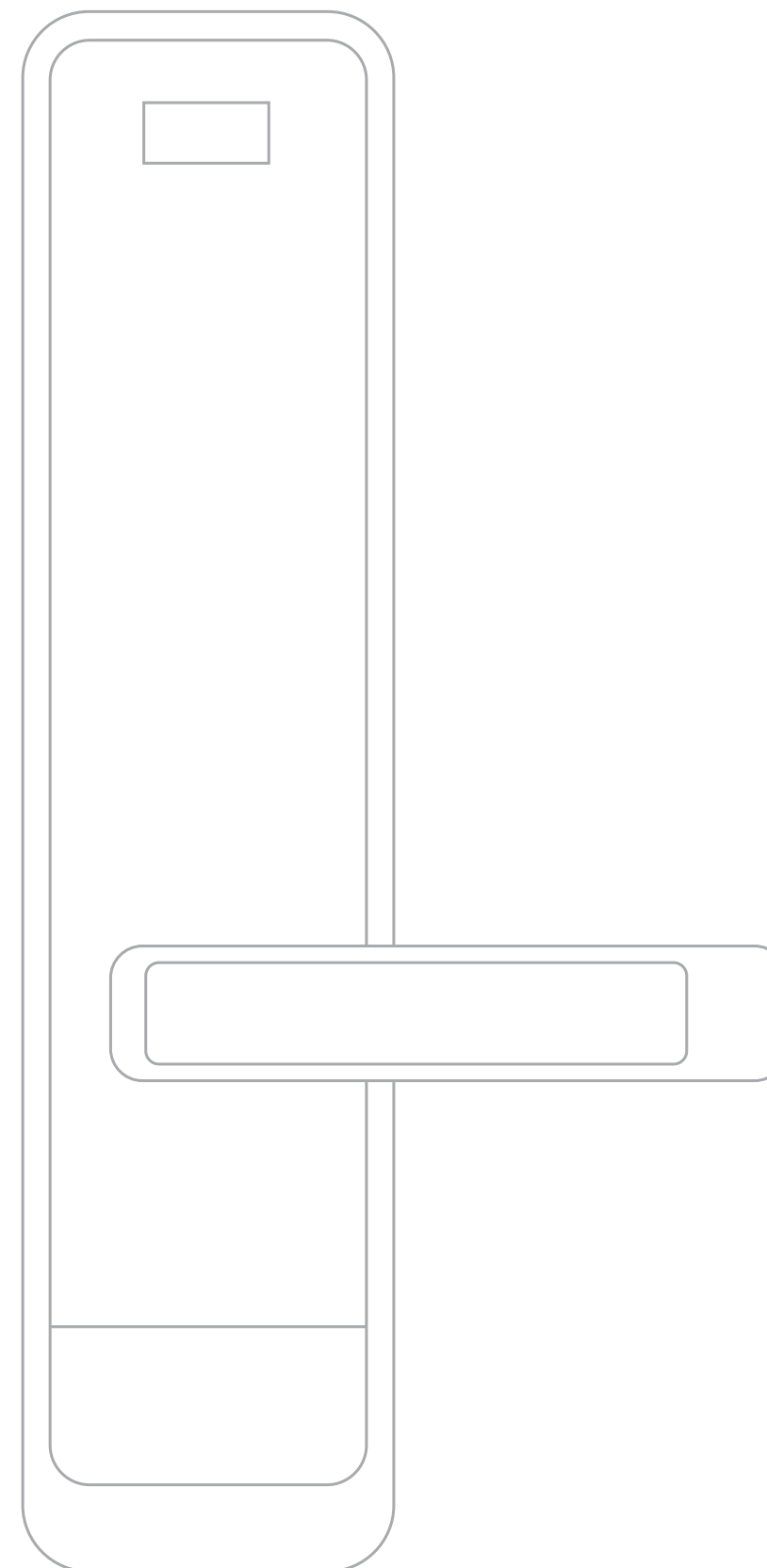


**CÔNG TY CỔ PHẦN CBIS VIỆT NAM**

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TP HCM: 388 Lê Văn Lương, phường Tân Hưng, quận 7, Tp Hồ Chí Minh  
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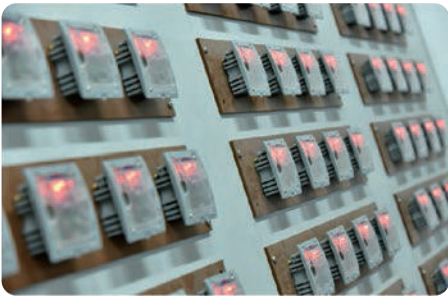


# QUALITY CONTROL

PCB LIFE TEST

Smartek focus on every detail during R&D, manufacturing and sales, we strictly execute the 5S management rules in the production line to ensure the quality of final products.

We always strive for excellence from the raw material and use the internationally renowned high-end brand components and parts, which will ensure the stability for our products.  
The PCB module are with moisture test, mouldproof proccession and high-low temperature test, vibration test and life test for special using condition.



SWITCH LIFE TEST

Energy Saving switch is with 24 hours continuous test under wide range 65-260v. working current capacity is 40AMP, it is much higher than the normal energy saver in the market.



SMT

SMT PCB production ensured the stability of our lock CPU, which solved the problem of pseudo soldering, welding leakage and short circuit and guarantee your safety during use.



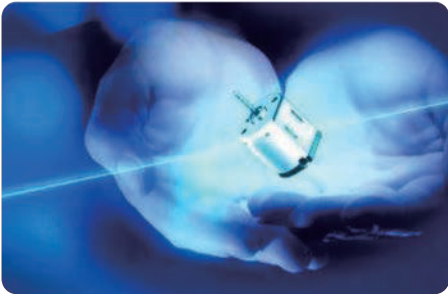
HIGH AND LOW TEMPERATURE TEST

High and low temperature test for PCB board, which ensure the using life under hot or cold condition.



CIRCUIT BOARD ASSEMBLY

Integrated PCB module provide one quick solution for maintenance;Friendly software provide you one easy and comfortable experience for managing the whole system!



LOCK MORTISE

Mortise is with Japan Mabuchi Motor, it is stable and reliable. Continue life test for motor is over 1000,000 times.



# EZ100 Series

## PATENT DESIGN SPLIT LOCK

PATENT NO.:ZL201630283587. 1



EZ100-GG Bright Golden

## SPLIT HOTEL LOCK

Pure 304# stainless steel material  
Die casting 304# mortise latch and deadbolt  
Hidden cylinder ensure the security  
Imported PC material for the reader  
Free to change to different handles



# S100 SERIES



EZ100-CR Satin Finish

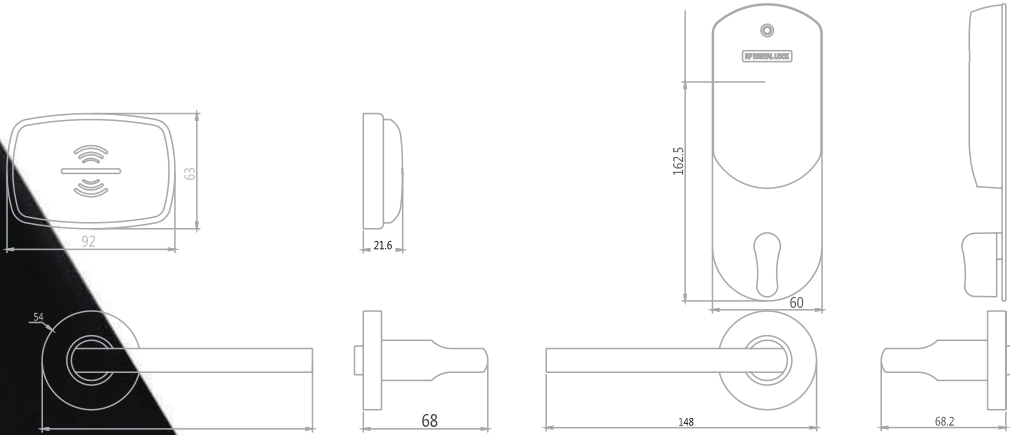
EZ100-BN Black Nickel

## INTRODUCTION

- 304#stainless steel reader,handle and collar.
- Backup mechanical key, brass +ABS.
- Proximity RF technology,fast and stable.
- ANSI mortise with die casting stainless steel latch and deadbolt.
- Low power alarm, guest card can still open the door.
- User-friendly software, easy to use and management.

## PARAMETERS

Mechanism:304# reader,front/back panel and handle  
Unlock way: Mifare card or mechical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current:< 150mA  
Working temperature:-20~45 degree  
Working humidity: 20~95%  
Available door thickness: 40~65mm  
Suggest usage: wood door





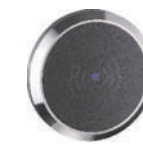
## EZ180 series

### PATENT DESIGN SPLIT LOCK

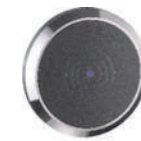
### SPLIT HOTEL LOCK

Pure 304# stainless steel material  
CNC made reader cover with mirror finish  
Imported leather handle with solid structure  
Die casting 304# mortise latch and deadbolt  
Hidden cylinder and pcb to ensure the security  
Imported PC material for the reader  
Free to change to different handles

## EZ180 Series



EZ 180-CR Mirror Finish

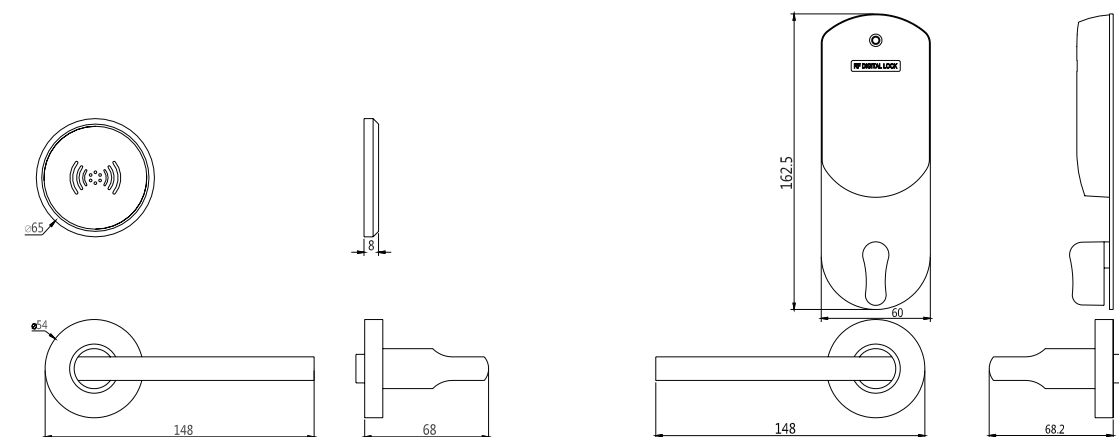


EZ 180-SS Stainless+Leather



### PARAMETERS

Mechanism: 304# reader, front/back panel and handle  
Available to choose leather handle with solid structure  
Unlock way: Mifare card or mechanical key  
Power supply: 4xAA alkaline battery (DC6v)  
Static current: 25uA  
Dynamic current: < 150mA  
Working temperature: -20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 40~65mm  
Suggest usage: wood door





## EZ500 Series Luxury Hotel Lock



### PROXIMITY ELECTRONIC LOCK

Luxury style lock for hotel/apartment use.  
With proximity technology, working frequency: 13.56MHZ.  
Standard treatment: Bright chrome and PVD golden.  
#5 Zinc alloy material for lock handle, panel, handle collar, good to use in high humidity area.  
Hidden cylinder design, provide you safety use.  
User-friendly software system, easy to install and maintain.  
With rustproof treatment, ensure long using life.  
Available to use on 30-60mm door.

## EZ500 Series



EZ500-GG PVD Golden



EZ 500-CR Bright Chrome

### PARAMETERS

Mechanism: #5 Zinc reader, front/back panel and handle  
Hidden cylinder structure ensure the security  
Unlock way: Mifare card or mechanical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current: < 150mA  
Working temperature: -20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 30~65mm  
Suggest usage: wood door





# EZ700 Series

EUROPE HOTEL LOCK



Europe style hotel lock  
Work with 60/85 mortise with panic function  
Very convenient to replace the old locks  
304# stainless steel material for long time use.  
Patent handle structure, easy to change from left to right  
With rubber gasket and sealed PCB to prevent the water

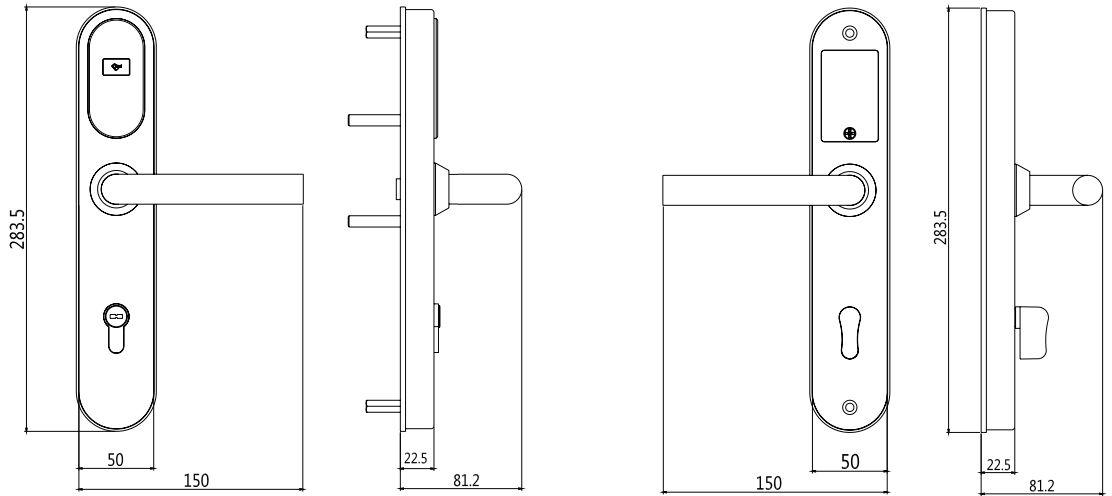
# EZ700 Series



EZ700-SS Satin Finish

## PARAMETERS

- Mechanism: 304# reader, front/back panel and handle
- Patent handle structure with bearing inside to ensure the smooth
- Unlock way: Mifare card or mechanical key
- Power supply: 4xAAA alkaline battery(DC6v)
- Static current: 25uA
- Dynamic current: < 150mA
- Working temperature: -20~45 degree
- Working humidity: 20~95%
- Battery life: Normal open: 15000 times
- Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.
- Audit trial: 990 latest records include the mechanical key
- Available door thickness: 40~65mm
- Suggest usage: wood door/aluminum door





# EZ200 Series

## SLIM ELECTRONIC LOCK



EZ200-BN Black Nickel

EZ200-BN轴黑

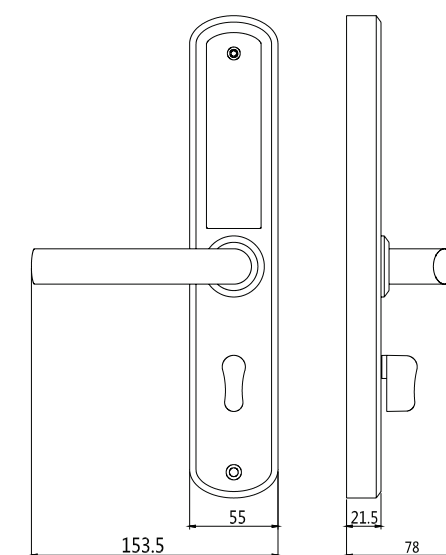
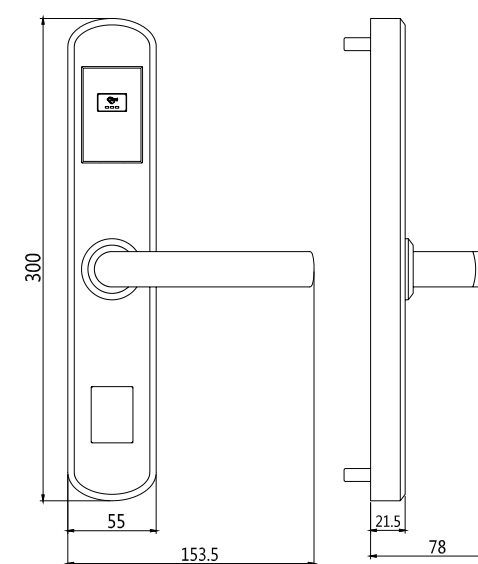
# EZ200 Series



EZ 200-GG PVD Golden EZ 200-SS Satin Finish

## PARAMETERS

Mechanism: Arcylic reader,304# front/back panel and handle  
CNC made handle collar and 304# stainless steel battery box cover  
ensure the use under high humidity area  
Unlock way: Mifare card or mechical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current:< 150mA  
Working temperature:-20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, thre is di-di-di beep,  
then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 30~65mm  
Suggest usage: wood door





# EZ300 Series

## CLASSICAL HOTEL LOCK (RFID)

PATENT NO.: ZL201630285056. 6



EZ300-AC

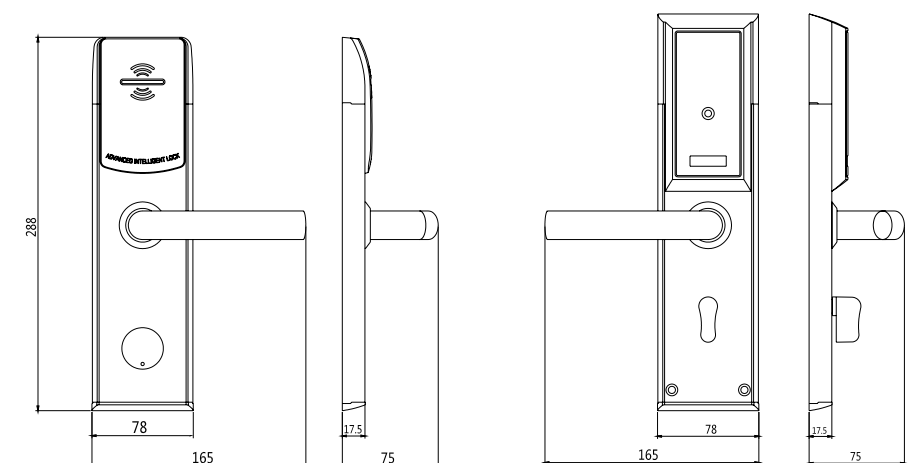
# EZ300 SERIES



EZ300-GG PVD GOLDEN    EZ300-BN Black Nickel    EZ300-SS Satin Finish

## PARAMETERS

Mechanism: 304# front/back panel and handle  
 304# cylinder cover and handle collar ensure the use under high humidity area  
 Unlock way: Mifare card or mechanical key  
 Power supply: 4xAA alkaline battery(DC6v)  
 Static current: 25uA  
 Dynamic current:< 150mA  
 Working temperature:-20~45 degree  
 Working humidity: 20~95%  
 Battery life: Normal open: 15000 times  
 Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.  
 Audit trial: 990 latest records include the mechanical key  
 Available door thickness: 30~65mm  
 Suggest usage: wood door





# EZ 300 Series

## CLASSICAL HOTEL LOCK (RFID)



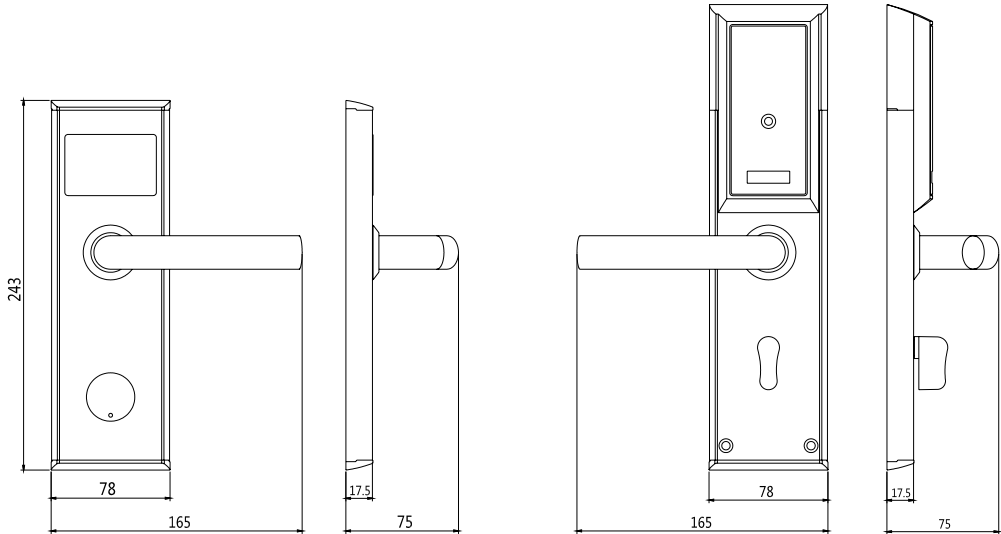
# EZ 300 Series



EZ 300-GG PVD Golden      EZ 300-SS Satin Finish

### PARAMETERS

Mechanism: 304# front/back panel and handle  
304# cylinder cover and handle collar ensure the use under high humidity area  
Unlock way: Mifare card or mechical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current:< 150mA  
Working temperature:-20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, thre is di-di-di beep, then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 30~65mm  
Suggest usage: wood door



# EZ 280H Series

PROXIMITY ELECTRONIC LOCK (RFID)



EZ280R-SS Satin Finish ( 70 ANSI Mortise )

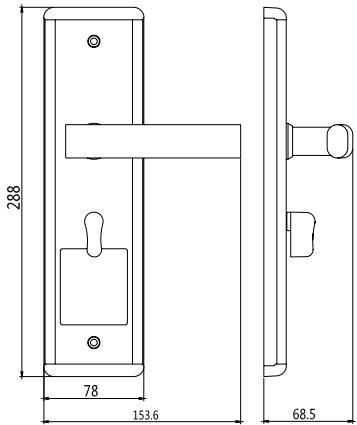
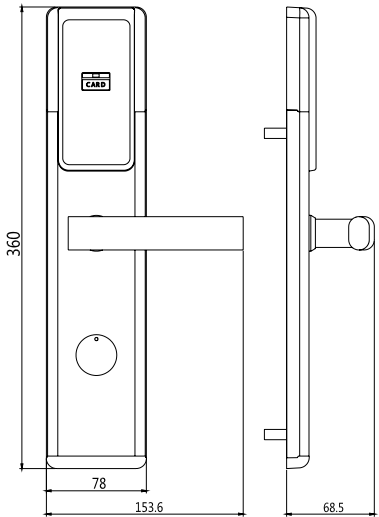
# EZ 280H Series

## PARAMETERS

- Mechanism: 304# front/back panel and handle
- 304# cylinder cover and handle collar ensure the use under high humidity area
- Unlock way: Mifare card or mechanical key
- Power supply: 4xAA alkaline battery(DC6v)
- Static current: 25uA
- Dynamic current:< 150mA
- Working temperature:-20~45 degree
- Working humidity: 20~95%
- Battery life: Normal open: 15000 times
- Low power alarm: when power is less than 4.8v, thre is di-di-di beep, then you can still open 150 times.
- Audit trial: 990 latest records include the mechanical key
- Available door thickness: 40~90mm
- Available mortise: ANI mortise and 60~68 security mortise
- Suggest usage: wood door



EZ280R-SS Satin Finish(6068 Mortise)





# EZ 280P Series

BLUETOOTH DIGITAL APARTMENT LOCK



EZ280P-SS Satin Finish(70 ANSI Mortise)

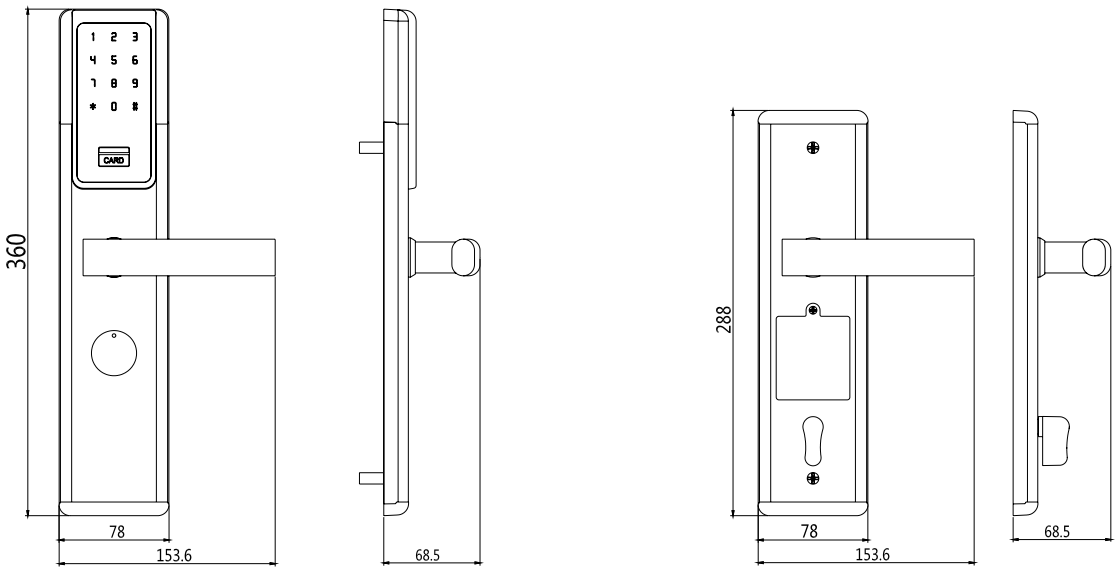
# EZ 280P Series



E280P-SS Satin Finish(6068 Mortise)

## PARAMETERS

Mechanism: 304# front/back panel and handle  
304# cylinder cover and handle collar ensure the use under high humidity area  
Unlock way: IC card/Mobile APP/password or mechanical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current:< 150mA  
Working temperature:-20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 40~90mm  
Available mortise: ANI mortise and 60-68 security mortise  
Suggest usage: wood door



# EZ 600H Series

RFID ELECTRONIC LOCK



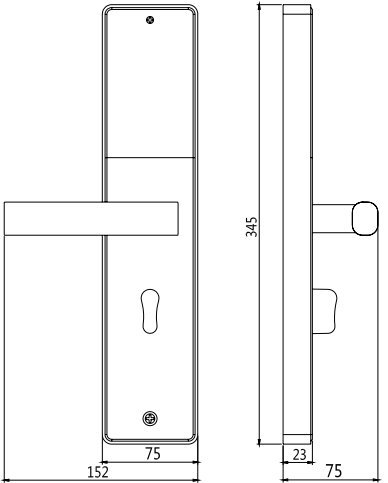
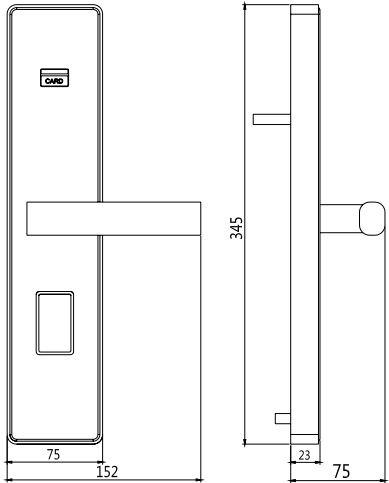
# EZ 600H Series



EZ 600R-SS Satin Finish(ANSI Mortise)

## PARAMETERS

- Mechanism: 304# front/back panel and handle
- Sliding cylinder cover with acrylic and 304# handle collar
- Unlock way: Mifare card or mechanical key
- Power supply: 4xAA alkaline battery(DC6v)
- Static current: 25uA
- Dynamic current:< 150mA
- Working temperature:-20~45 degree
- Working humidity: 20~95%
- Battery life: Normal open: 15000 times
- Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.
- Audit trial: 990 latest records include the mechanical key
- Available door thickness: 40~90mm
- Available mortise: ANI mortise and 60~68 security mortise
- Suggest usage: wood door





# EZ 600P Series

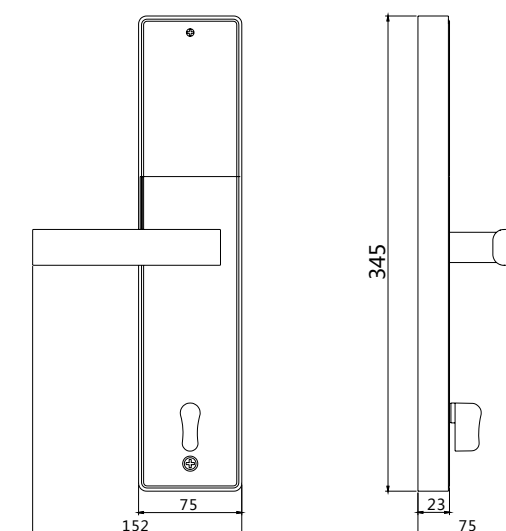
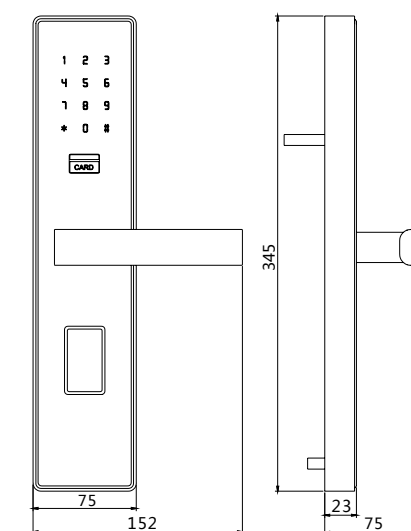
BLUETOOTH DIGITAL APARTMENT LOCK



# EZ 600P Series

## PARAMETERS

Mechanism: 304# front/back panel and handle  
Sliding cylinder cover and 304# handle collar  
Unlock way: IC card/Mobile APP/password or mechanical key  
Power supply: 4xAA alkaline battery(DC6v)  
Static current: 25uA  
Dynamic current:< 150mA  
Working temperature:-20~45 degree  
Working humidity: 20~95%  
Battery life: Normal open: 15000 times  
Low power alarm: when power is less than 4.8v, there is di-di-di beep, then you can still open 150 times.  
Audit trial: 990 latest records include the mechanical key  
Available door thickness: 40~90mm  
Available mortise: ANI mortise and 60~68 security mortise  
Suggest usage: wood door



# HOTEL LOCK SYSTEM



Computer: Memory:500GB above, hard disk suggested 2G above, USB port required.  
Software: Windows system, windows 7/8/10.  
Database: Windows Access / Microsoft SQL server 2008 above.  
Encoder: Read/write card and software registration.  
Door Lock: Installed on each room.  
LCD Handset: Configure room No.,adjust time, audit trial records etc.  
RF Card: Unlock the door lock.  
Printer: as request from the site.

## LOCK SYSTEM ACCESSORIES

### MCE02-17 CARD ENCODER

#### Technical Parameter

- Working voltage:DC5V
- Rated current:500mA
- Working humidity:RH 10%~90%
- working temperature:-20° C~55° C
- Reading speed:< 1 S
- Detect type: auto check

#### Specification

- Universal USB port, no need extra driver.
- Auto detect the card.
- Fast reading speed and stable to use
- Support one card system integration

### PHD01-16 LCD HANDSET

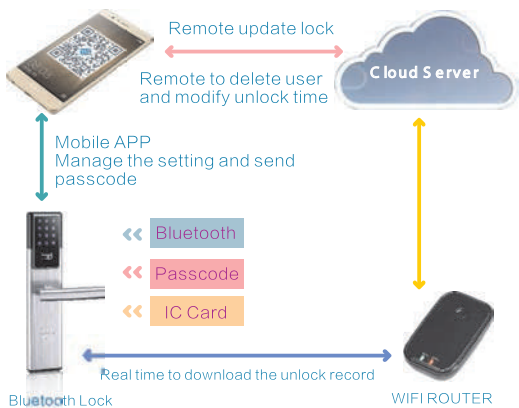
#### Technical Parameter

- Working voltage: DC3V
- Static current: < 10 uA
- Working current: <100mA
- Storage humidity: RH 5%~95%
- Working temperature:-25~ 70℃
- Reading speed: < 1 S
- Size: 177.6 x 85 x 30mm

#### Specification

- One station solution, no need special room setting card
- Fast and correct time adjustment
- Special system checking for hardware and firmware
- Easy to check the card information
- Convenient to check audit trial records
- Support checkout function,

# BLUETOOTH LOCK SYSTEM



APP QR(Android)



APP QR(IOS)

#### Technical Parameter

Power supply: 4pcs AA alkaline batteries.  
Communication: Bluetooth 4.0.  
System: Android 4.3 or IOS 7.0 above.  
Static current: < 30uA  
Working current: 150mA  
Card type: Mifare 1  
Reading distance: 0~2cm  
Working temperature:-20~ 50℃  
Storage temperature:-20~ 60℃  
Storage humidity:5%~95%

#### Specifications

Remote to modify the valid time for the passcode/card or ekey.  
Remote to send the passcode or ekey.  
Real time to check unlock record.  
Remote to upgrade the lock system.  
Real time to check the batter power of door lock.  
Support WIFI router to remote to unlock.  
Support multi-language under different system.  
Save the management cost without the front reception.

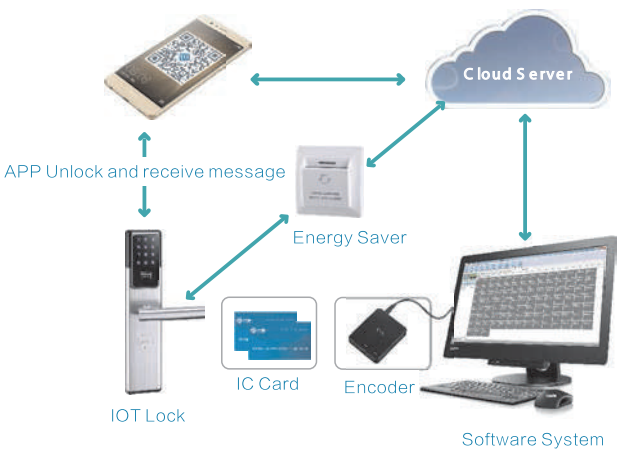
# IOT Hotel APARTMENT LOCK SYSTEM

#### Technical Parameter

Power supply: 4pcs AA alkaline batteries.  
Communication: 2.4G  
Unlock way: card/passcode/Mobile/computer/mechanical key.  
Static current: < 40uA  
Working current: 150mA  
System: Windows  
Reading distance: 0~2cm  
Working temperature:-20~ 50℃  
Storage temperature:-20~ 60℃  
Storage humidity:5%~95%

#### Specification

Remote to modify the valid time for the passcode/card.  
Remote to issue the passcode or card.  
Real time to check unlock record.  
Remote to upgrade the lock system.  
Real time to check the batter power of door lock.  
Real time to sending lock information.  
Support multi-language under different system.  
Save the management cost.  
Available to integrate with the PMS.





## ENERGY SAVING SWITCH

The energy saver is specially designed to be used as power switch in the hotels, home, office, pubs, etc and suitable for Mifare/RF card to control the power with high security. It can save about 40% power consumption in your daily use.

Use method: You can insert one card into the switch to get the power, the signal light will show red. Upon drawing out the card, the power will be off after 15 seconds.

Special function: We offer the special savers that only accept the right room keycard. Such as 101 room, room key card from 102 will not work on 101 switch.



## INTRODUCTION

### 1. Intelligent Energy Saver(Model: ESS-MF40E)

Insert the RF card to the saver and power on the device inside the room, it is simple to install the saver and connect the cable with the input/output/null pole, it is safe and convenient to use with the high performance relay.

### 2.Room No. Type Energy Saver(Model:ESS-MF40S)

Only the right room card can be used on the saver for power. it is simple to install the saver and connect the cable with the input/output/null pole.

## PARAMETERS

Working voltage:AC220V $\pm$  10%

Working current:40A

Rated power:7000W

Time delay:15 seconds

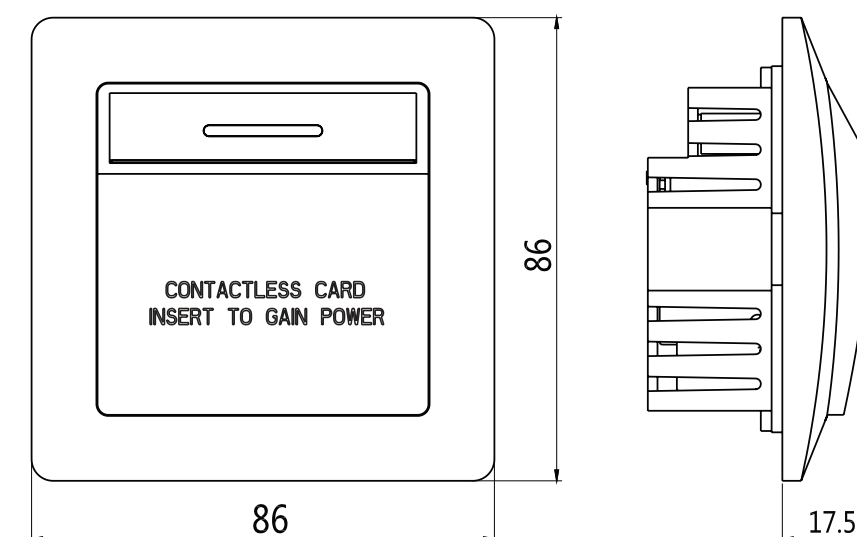
Dimension:86mm $\times$  86mm

Working temperature:-40 $^{\circ}$ C ~ +50  $^{\circ}$ C

Working humidity:RH 10%~90%;

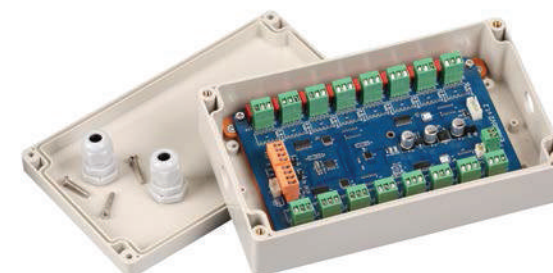
Material: flame-retardant PC.

Color: White/Golden/Grey/Black



# ELEVATOR CONTROL

Model:EC01-16F



## INTRODUCTION

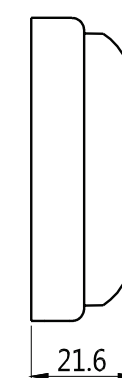
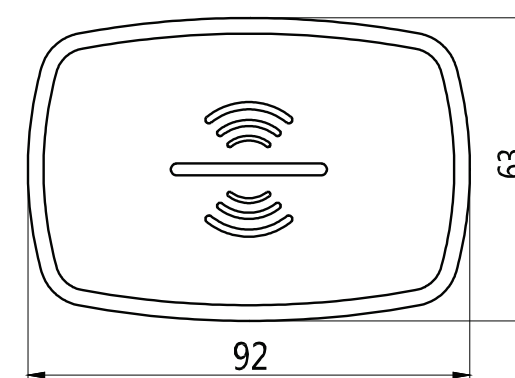
- Long reading distance ( 0~30mm )
- Support hotel guest card, no need extra software
- Three mode: free mode, Floor mode and Floor+time mode.
- Direct function: touch card and reach to the floor directly .
- Support public floor and valid time setting.
- Support audit trial function: 2000 records maximum.
- Fully compatible with the hotel locking software..
- Stainless steel reader with rubber gasket.



## PARAMETERS

Power supply: 12VDC  
Working current: 1000mA  
Card type: Mifare card  
Reading distance: 0~30mm  
Output method: 16 group always close contact(normal mode),  
16 group always on contact(Direct mode)  
Working temperature: -20~70℃  
Storage temperature: -25~70℃  
Working humidity: 5%~95%

## DIMENSION





# WALL READER

Model:AC02-MF



型号 : AC02-MF



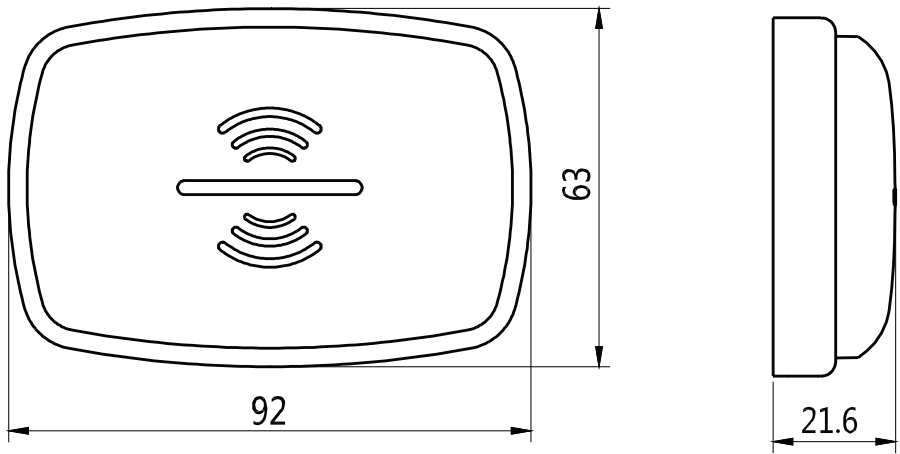
## INTRODUCTION

Support the hotel system card  
Reading distance: 0-3cm.  
No need extra software, easy to use.  
Available to control the electric drop bolt or electromagnetic lock or elevator floor button.  
Support wiegand 26 output signal.  
Stainless steel reader with rubber gasket to prevent the dust or water.

## PARAMETERS

Power supply: 12VDC  
Working current: 100mA  
Card type: Mifare 1  
Reading distance: 0-30mm  
Input method: Exit switch signal  
Output method: Dry contact 1 group(NO/NC/COM), Wiegand26  
Working temperature: -20~60℃  
Storage temperature: -25~70℃  
Storage humidity5%~95%

## DIMENSION

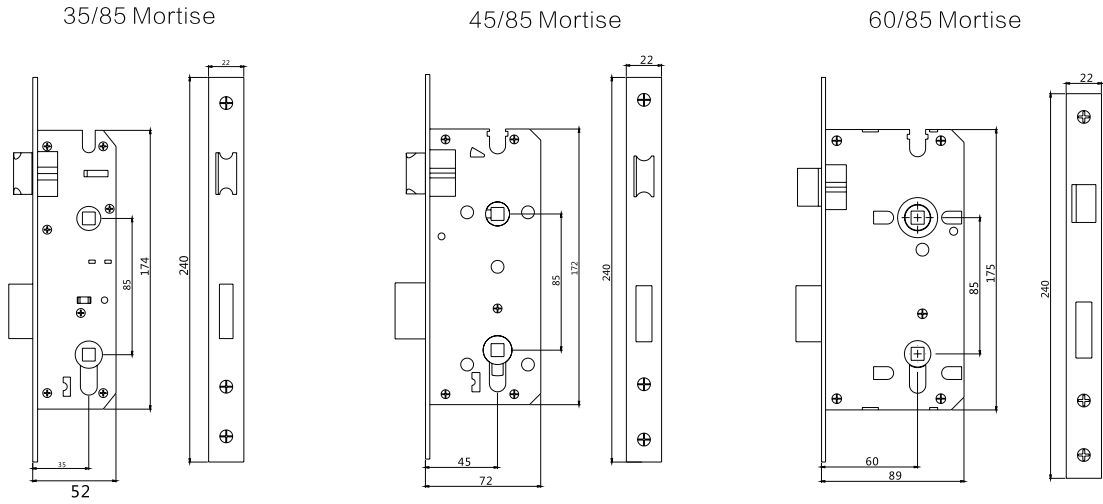




Model: M70#

# PATENT MORTISE

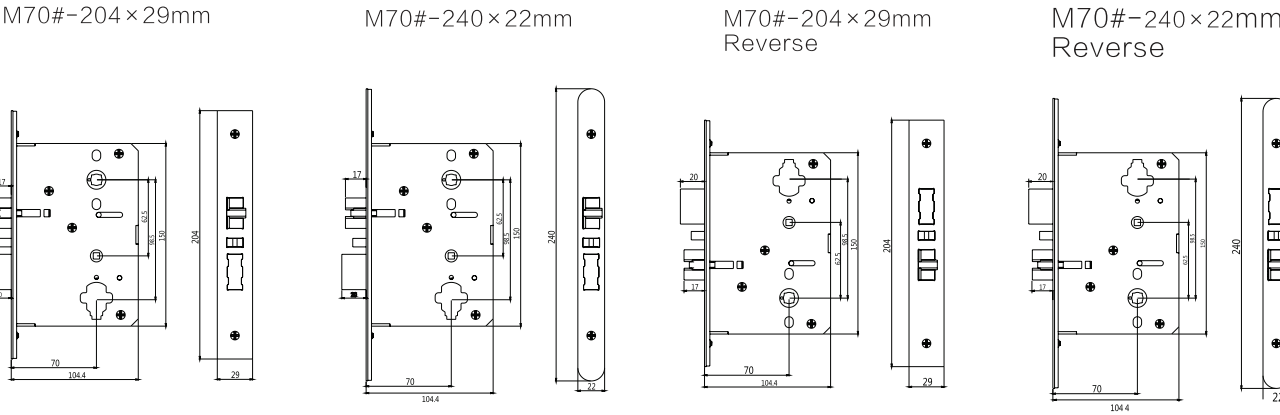
## Europe Mortise



### Specification:

Available for 35/85,45/85,60/85 mortise for europe market.  
 60/85 mortise is specially designed for mechanical key records.  
 Mortise latches and deadbolt are with 304# stainless steel material.  
 Available to use on the aluminum door with hotel lock Jk700.  
 Available to change the old lock without changing the mortise.  
 Mortise is with life test 300,000 times above.

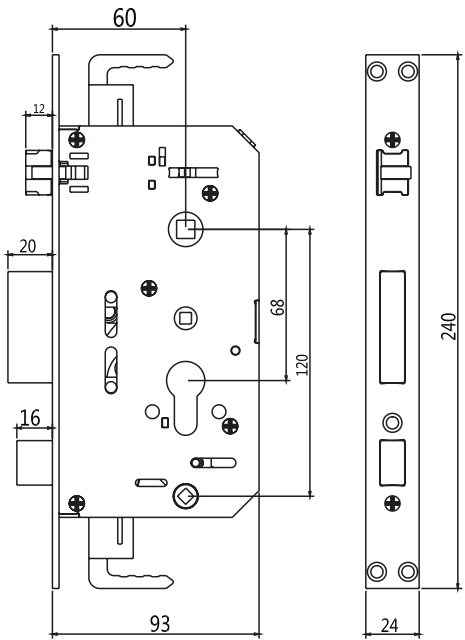
## 70# ANSI Mortise



### Specification:

With standard 70mm backset ANSI mortise.  
 Inside parts are with blue zinc treatment to reach the environmental protection requirement.  
 Microswitch inside the mortise is with over 1000,000 times life test.  
 Latch and deadbolt parts are with 304# die casting stainless steel material,durable and reliable.  
 Flat spring for the mortise is with imported piano wire with 500,000 times life test.  
 Spindle part is with special steel and heat treatment with over 1000,000 times test.  
 High quality motor with 500,000 times life test. ensure the long years use.  
 Patent structure design with simple change for left and right direction.

## 60/68 Security Mortise




### Specification


Patent structure design.  
 Standard 60/68 security mortise.  
 Mortise latches and deadbolt are with 304# stainless steel material.  
 No difference for the left/right open.  
 Available to use the security hook depend on the door type.  
 Available to use on the lock with handle on the bottom position.




PROJECT REFERENCE




Nha Trang Palace




Saigon Air Port Plaza




Princess Hotel Hai Phong




Indochina Sails




Huong Sen Hotel




Hau Giang Hotel




Grand Hotel Dong Khoi




Asean Halong Hotel




Thai Binh Duong Hotel




Lacasa Apartment




Carmelina Beach Resort




Seaside Resort Vung Tau




Huu Nghi Nghe An Hotel




La Marquerite Cruise



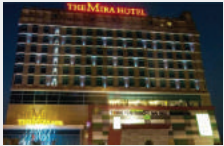
Diamond Bay Resort




Riviera Resort Cam Ranh




Lan Rung Resort



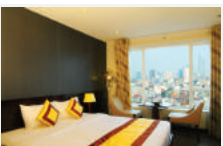
The Mira Binh Duong




Petro Thai Binh Hotel




Eureka Linh Truong Resort




Saigon Sunland Hotel




Phan Thiet Champa Resort



Hai Au Nha Trang Hotel



Halong Glory cruise



Hacinco Hanoi Hotel

KHÁCH SẠN LENID 2	KHÁCH SẠN SEA PEARL
KHÁCH SẠN ĐÔNG ANH	KHÁCH SẠN PHỤ NỮ - CWD
KHÁCH SẠN NAMU	TIRANT HOTEL
KHÁCH SẠN PARAGON	KHÁCH SẠN THÁI BÌNH DƯƠNG
HOIAN SINCERITY HOTEL	SAMMY DALAT HOTEL
KHÁCH SẠN HEMERA LÀO	KS LÊ DUY GRAND
KHÁCH A1 HANOI HILL	SAIGON AIRPORT PLAZA
KHÁCH SẠN A1 HANOI HILL	CENTRAL QUẢNG NGÃI
KHÁCH SẠN ÂU VIỆT	KHÁCH SẠN MỸ TRÀ
KHÁCH SẠN ÂU VIỆT	KHÁCH SẠN TRE XANH
KHÁCH SẠN NGỌC HÀ	KHÁCH SẠN LÊ DUY 1
SAPA CENTRAL	KHÁCH SẠN PHƯƠNG BẮC
SERENE SHINING	KHÁCH SẠN QUEEN AN
SAPA DRAGON	KHÁCH SẠN SUN FLOWER 1
PHONG NHA LAKE HOUSE RESORT	KHÁCH SẠN SUN FLOWER 2
NHÀ NGHỈ MÊ HI CÔ	SUNLAND HOTEL
LAO CAI STARS	TÀU ROYAL WINGS CRUISE
KHU DU LỊCH ĐẢO NGỌC XANH	KS QUEEN HOTEL
KHÁCH SẠN DẦU KHÍ	KHÁCH SẠN HÙNG LONG HARBOUR
EUREKA LINH TRƯỜNG	FIRST EDEN HOTEL
KHÁCH SẠN HỮU NGHỊ	HANOI PEARL HOTEL
KHÁCH SẠN NHA TRANG PALACE	ARIVA EDEN HANOI HOTEL
GREEN CLUB RESORT	STAR VIEW
HACINCO HOTEL	SEN HOTEL 1
KHÁCH SẠN VỊ HOÀNG	SEN HOTEL 2
KHÁCH SẠN EDELE	RIVERSIDE HANOI HOTEL
KHÁCH SẠN CÔNG BINH	KHÁCH SẠN LAKESDE 2