# YGS
## YANGGESUO

# YGS
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# INDEX

# ABOUT US

Since 2000, YGS has dedicated towards providing an industry-leading solution to digital lock industry. Over 100 different models of electronic locks with innovative and patented functions have been developed by the company. The factory covers an area of 10,000 square meters with over 250 workers, ensuring well-organized quality control and punctual delivery.

YGS investment in R&D is substantial and continuous: 10 electronic engineers, 11 structure engineers, 3 industrial designers and long-term cooperation with Italian designing company BETAcode(www.betacode.it). Together with over 20 electronic lock testers (cycle test, salt spray test, thunder-strike test etc), we are able to continuously develop tomorrow's solution with reliable quality.

With our global sales force, YGS is present in more than 30,000 hotels, OEM for internationally top-ranked digital lock brands and represented by over 300 distributors. As a guarantee of quality and service, YGS is the best partner for your security business!

# GUEST

GET YOUR KEY ON YOUR SMARTPHONE

**CONFIRMED BOOKING**

**BEFORE ARRIVING** ▶

UNLOCK THE DOOR WITH YOUR SMARTPHONE

**SHARE ROOM KEY**

**INSIDE** ▶

ROOM KEY EXPIRES AUTOMATICALLY

**WHEN LEAVING**

## IMPROVE CUSTOMER'S EXPERIENCE:

Customers receive their mobile key ahead of time, getting access to the main door and apartment easily, avoid the hassles of unexpected delays.
To avoid internet or battery problems, they could also get inside by password, which the customer receives at the same time as the key.

**GATEWAY**
For remote control

# OWNER
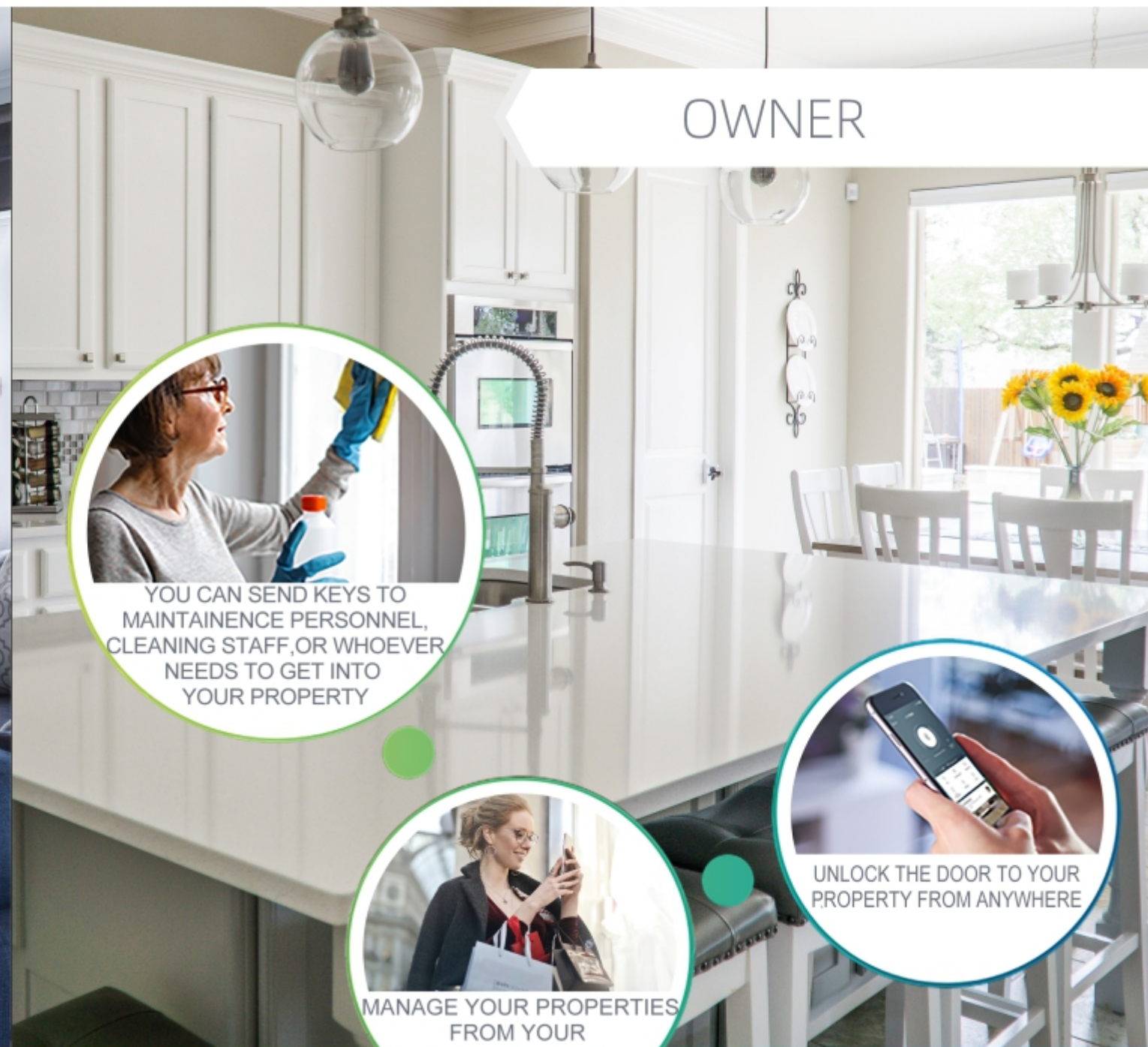
YOU CAN SEND KEYS TO MAINTAINENCE PERSONNEL, CLEANING STAFF,OR WHOEVER NEEDS TO GET INTO YOUR PROPERTY

UNLOCK THE DOOR TO YOUR PROPERTY FROM ANYWHERE

MANAGE YOUR PROPERTIES FROM YOUR SMARTPHONE

## YOUR IDEAL RENTAL SOLUTION:

With our Bluetooth lock system, you could easily manage access permissions to the house in the periods rented. Without extra trips to drop off or pick up keys, you could add or cancel any keys from your computer or mobile phone anytime, anywhere.
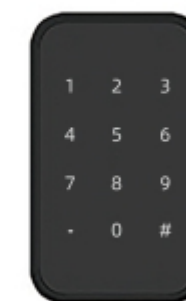
**BLUETOOTH**
Access Controller

# ▦ Hotel lock

APP | Bluetooth| Card

## Hotel lock management software

Check-in, pre check-in, check-out for guests.

Master cards for hotel staff, and also copies of the cards.

Card reading: identification of users.

Audit trail: a report of every opening by APP, mechanical key, password, fingerprint etc.

Special cards: door blocking card, programming card, fail safe card, lost reporting card, elevator card.

Audit: the register of every operation performed by the software. Listing of doors: by floors, buildings, blocks, etc.

Types of doors: rooms, suites, common access, access control.

List of users: by groups or individually. User personalisation.

Different levels for operators. Customised according to each hotel's requirements.

Multi-operational modes (free access, first user, double user, etc.)

Support multi-terminal login (issue card from more than one computer). Support Windows/IOS/ Android.

## Gateway Model : YGS-G

Real-time upload of unlock records

Real-time check-out

Real-time lock power update

The door lock is automatically adjusted
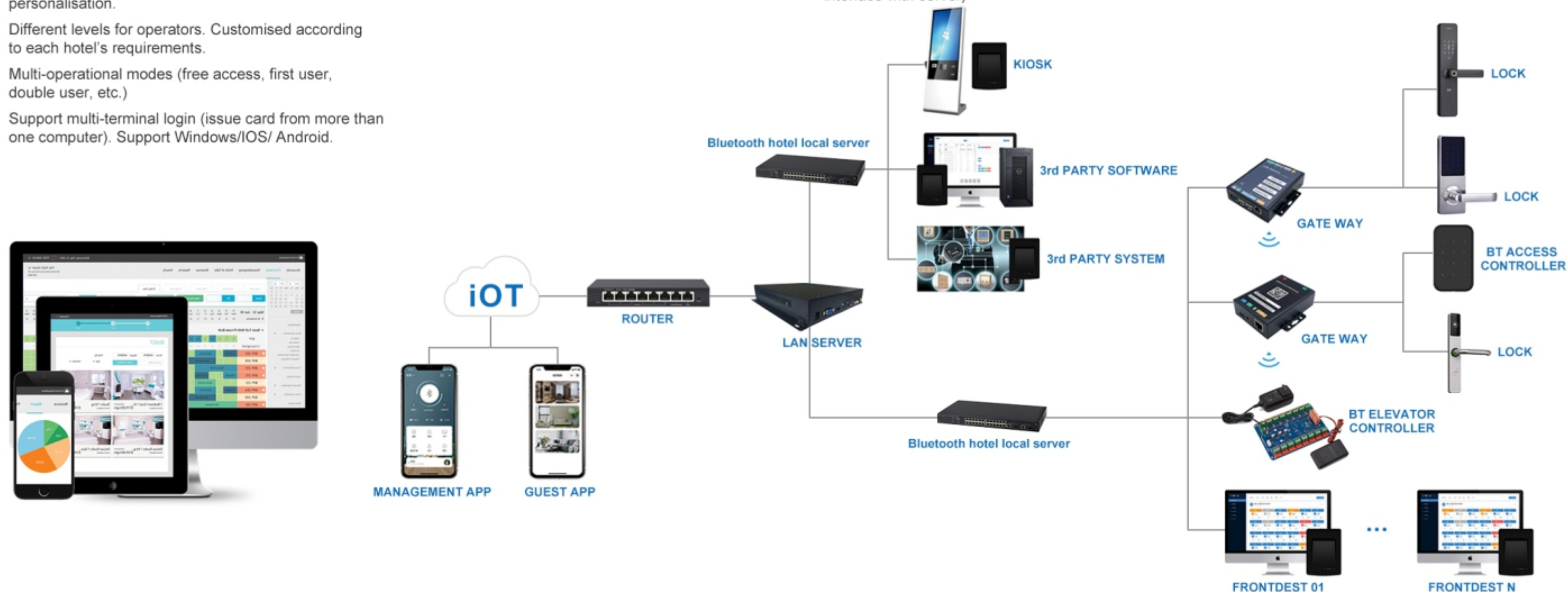
Report loss card automatically

Lock status information report

Activate passage door remotely

Upload lock abnormal status event

Linkage switch to take electricity, abnormal

Electricity information report

## Bluetooth hotel local server: Model : YGS-HLS

When the external network is disconnected, the LAN can work normally without interruption.

Support many devices such as network lock, multi-function Gateway, card encoder, access contrller etc,.

Free interface with PMS, self check-in machine etc,.

Support any browser via terminal devices

## Encoder Model : YGS-HE

Support wifi/ thernet two server connection mode.

Support Web-side distribution network, realize the switch of different IP segments.

The experience is perfectly close to offline encoder card reading and writing operation experience.

Windows/Linux/OSX/IOS/Android

Free interface with PMS, self check-in machine etc,.(as long as interface with server)

## Easy PMS Integration

Interface with PMS only need one more cable, easy to interface and avoid many incompatibility problem.

No requirement for the self-check-in machine /PMS or the RCU (ISO or PAD card issue available).

As long as the interface authorization can be initiated to the server.

## YGS9936
## Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.

78.01

78.01

292.1

82.5

210

302

131.3

## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up to **1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment for **high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL  PARAMETERS

Material: Stainless steel
Finish:  Stainless steel brushed/gold
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58℃
Storage humidity : 15-90% RH
Working temperature : -25- + 58℃
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

## MORTISE

ANSI Standard

28

69.4

165.5±0.10

204.5

152.7

62.5

ANSI Thin

226

170

203.4

65

62.8

31.6

31.6

(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.
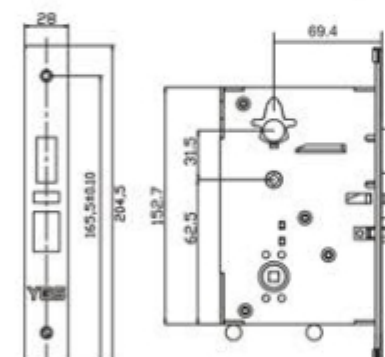
Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.
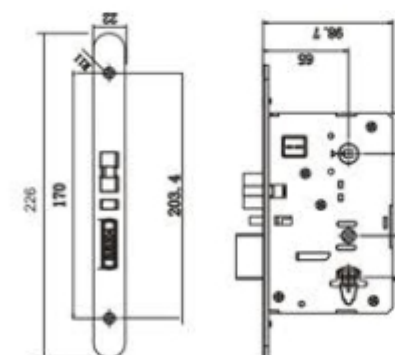
Key-alike type and key-different type are optional.

The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.

Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

# YGSA9937
# Hotel Electronic lock Series

Electronic lock with Euro mortise and big faceplate, ideal for old lock renovation in the market. No need additional door hole adjustment, you could finish the renovation within 5minutes.
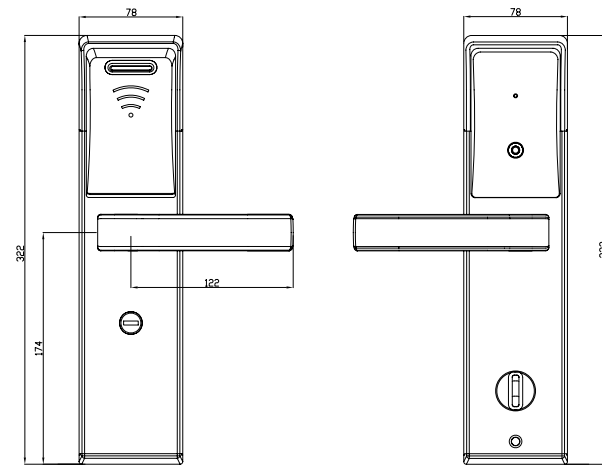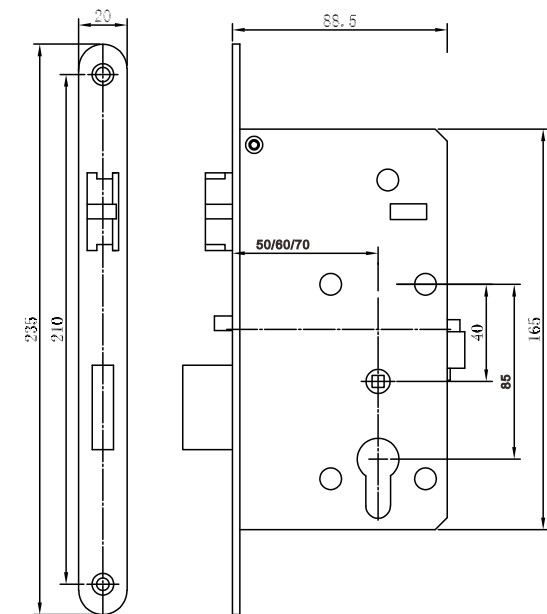


## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up **to 1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment f**or high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL  PARAMETERS

Material: Stainless steel
Finish:  Stainless steel brushed/gold
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current：< 20 uA
Dynamic current：<150 mA
Storage temperature：-25- + 58℃
Storage humidity：15-90% RH
Working temperature：-25- + 58℃
Working humidity：15-90% RH
Card reading distance：0-5cm
Reading & writing time：<0.25s
Date keeping：Over 10 years
Applicable chip：Mifare 1 (13.56Mhz)
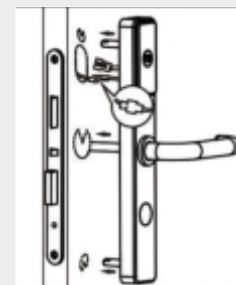
## MORTISE



(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.

Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

Same mounting size of most old lock brands. You could install our models directly on the old door hole. No need additional door hole drilling. You could also keep the old mortise to work with our face plate to save your upgrade cost.
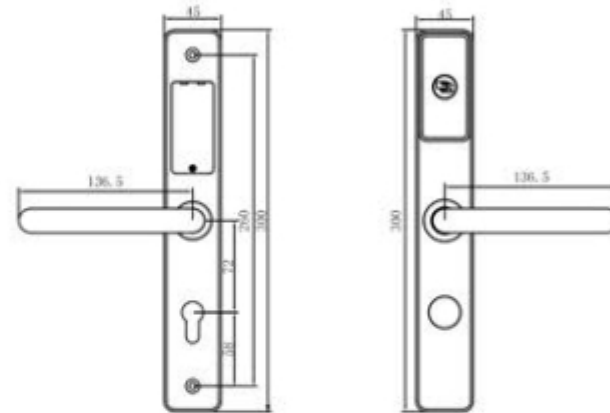
Internal faceplate with cylinder knob to extend deadbolt when customer doesn't need disturb.

## YGS9939
## Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel No304. Ideal to replace old locks. It covers the holes of many models of locks on the market.
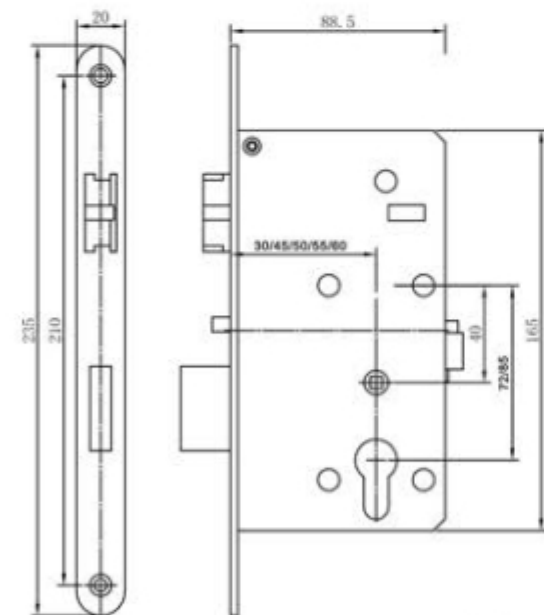
Bluetooth



## MORTISE



(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.

## FEATURES

- Escutcheon and handle material are all of No.304 stainless steel plate.
- Patented handle design, reversible for left/right unlocking.
- Distinctive red/green LED shows every lock status.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Stainless steel
Finish: Stainless steel brushed
Power supply: 4 AAA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58℃
Storage humidity : 15-90% RH
Working temperature : -25- + 58℃
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.



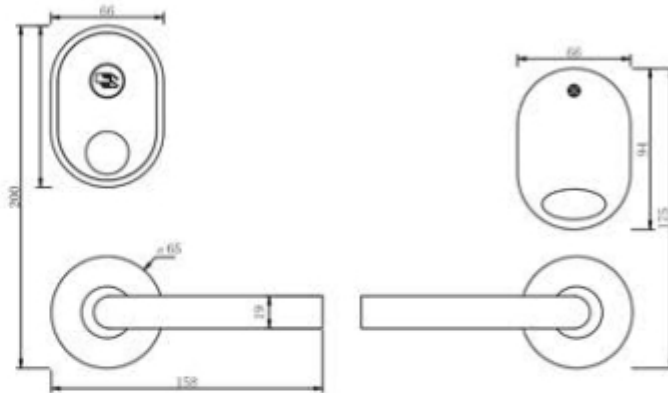The black plastic part makes unlocking silently.

The anti-card latch prevents its opening by this technique.

Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

## YGS9902
# Hotel Electronic lock Series

Two-body electronic lock with RFID technology, with a careful design and modern aesthetics. Front cover and handles made of NO. 304 stainless steel. Ideal for new constructions or refurbishments.

## FEATURES

- Electronic lock with **Japanese "MABUCHI" motor** durable for over **500, 000 cycles.**
- **ANSI high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up to **1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment **for high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- **Mechanical emergency lock**
- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Stainless steel
Finish: Stainless steel brushed/gold/black
Power supply: 4 AAA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

## MORTISE

ANSI Standard

(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.
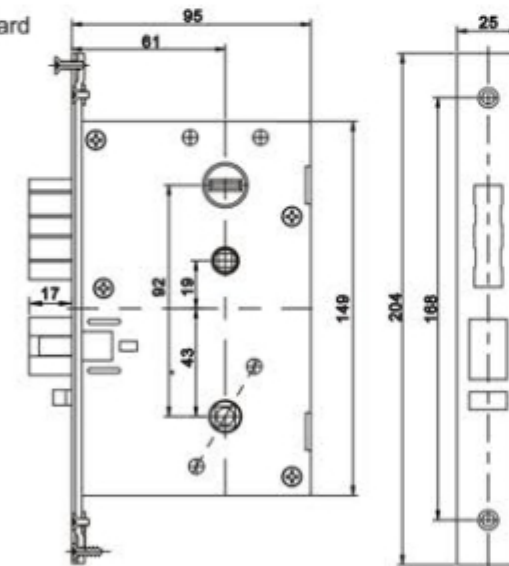
Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.

**Bluetooth**

# YGS9905
## Hotel Electronic lock Series

Hidden reader Hotel lock. Electronic lock with RFID technology , with front and back faceplate made of Zinc alloy. This simple design immensely reduce workload and mistake in a degree.
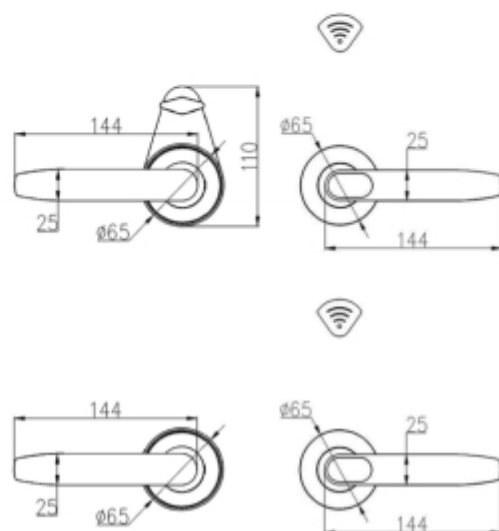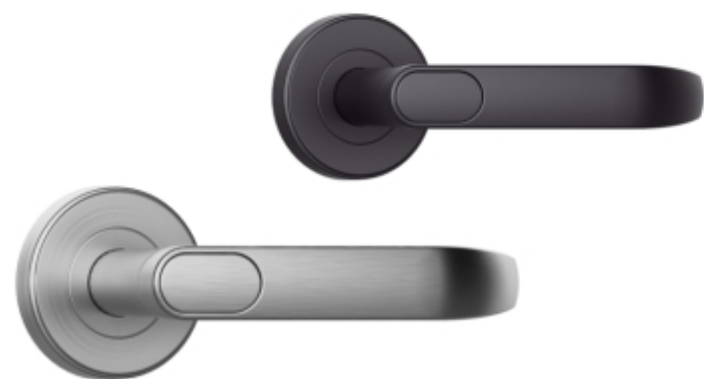


## FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock.
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- The reader and battery box are installed on the mortise inside, simplify the lock installation.
- Uses 4 standard AAA batteries.

## TECHNICAL PARAMETERS

Material: Zinc alloy ;
Finish: Electroplating + oil sealing
Power supply:4 AAA alkaline batteries
Battery life: Over 15000 times
Static current : ≤40μA
Dynamic current : <150 mA
Storage temperature : -20 - + 65℃
Storage humidity : 10-95% RH
Working temperature : -25- + 65℃
Working humidity : 10-95% RH
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)
Reading & writing way : Non-touched closer induction
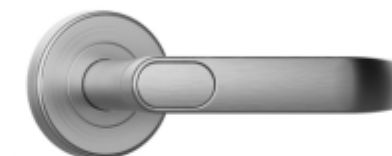Card reading distance : 0-5cm



## MORTISE

ANSI Standard
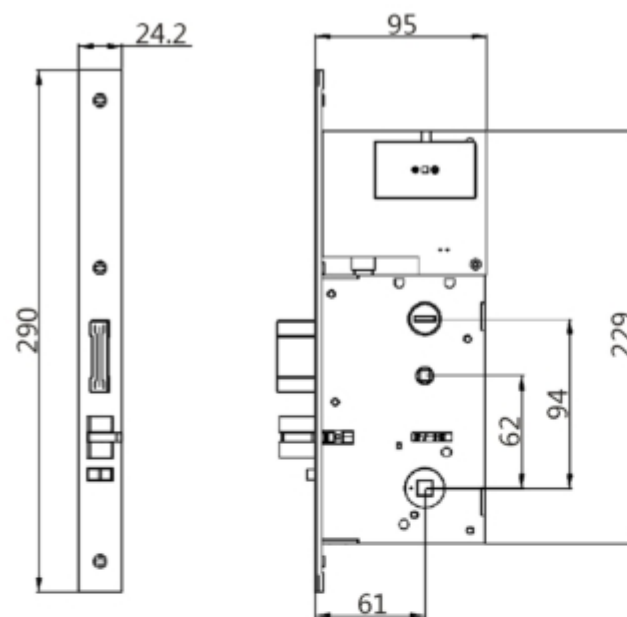


(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.



Emergency mechanical lock hidden behind a flap on the handle. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

The anti friction latch reduces the contact area.

The anti-card latch prevents its opening by this technique.

Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

# YGS9953
# Hotel Electronic lock Series

IMD faceplate with CNC treatment makes every lock edge straight and clear, very high classic to upgrade hotel image. The aluminium profile lock frame and iron base provide higher level of durability and rigidity than stainless steel material lock.
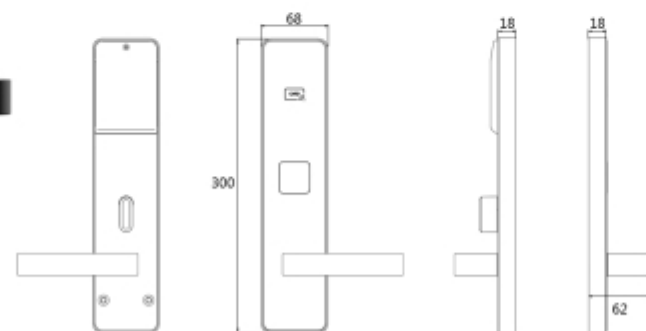


## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.

- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.

- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.

- **Audit system** with capacity to register up **to 1000 events** including openings with emergency keys.

- **Software** available in several languages. Standalone mode or centralized database.

- Mechanical **emergency lock**

- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.

## TECHNICAL PARAMETERS

Material: aluminium alloy
Finish: IMD in grey, silver, gold
Power supply:4 AAA alkaline batteries
Battery life: Over 15000 times
Static current : ≤40μA
Dynamic current : <150 mA
Storage temperature : -20 - + 65℃
Storage humidity : 10-95% RH
Working temperature : -25- + 65℃
Working humidity : 10-95% RH
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)

## MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



Confirmation indicator light that illuminates when any action is made on the lock.



The faceplate is fully covered by IMD treatment, durable and anti-rust.

In long-term daily use, the lock color stays the same and in good condition even installed in the most aggressive environments.
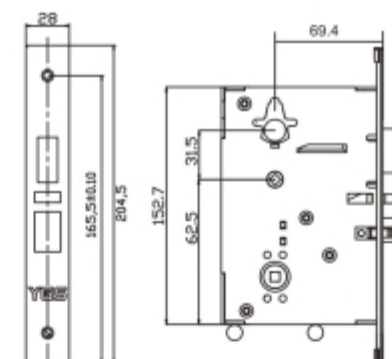


The aluminium profile is highly anti-rust after the sandblasting oxidation treatment.

The color is durable for at least 10 years.

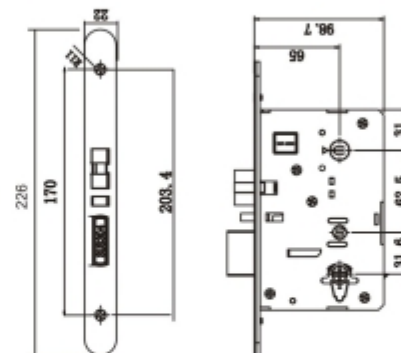With the lock edge grinded with CNC treatment, the edge is straight and clear.
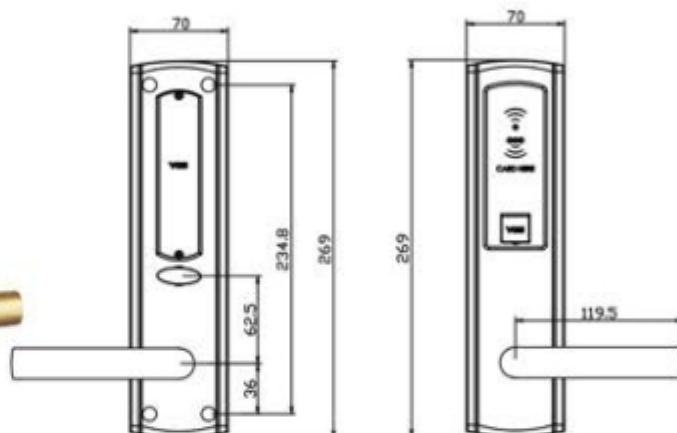


The IMD plates can be customized in many different colors, includes gradient color.

You could order a stylish and modern color that appeals to the modern hotel environment.



Underneath IMD plate, there is an iron plate with electrophoretic coating treatment.

Its rigidity is much higher than normal zinc alloy or aluminium alloy.

# YGS9935
## Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.

## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with free rotation, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up to **1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment for **high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Stainless steel
Finish: Stainless steel brushed/gold
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58℃
Storage humidity : 15-90% RH
Working temperature : -25- + 58℃
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

## MORTISE

ANSI Standard

ANSI Thin

(Unit:mm)

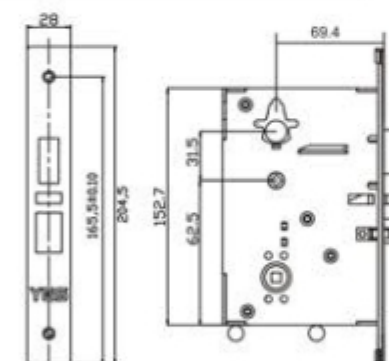Confirmation indicator light that illuminates when any action is made on the lock.

Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

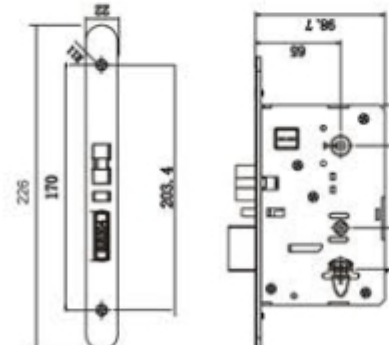Key-alike type and key-different type are optional.

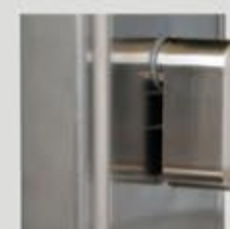Interior anti-panic latch. It retracts automatically when the door is opened from the inside.
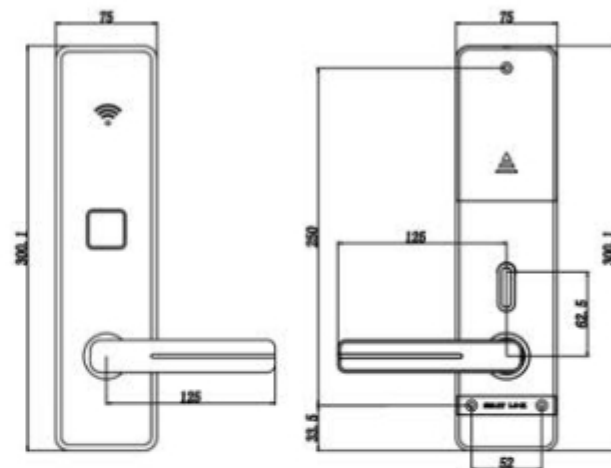
If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.

# YGS9916
## Hotel Electronic lock Series

Distinctive elegance with fancy LED effect endows the whole hotel with modern sense. Three well-chosen colors cater to different decoration style of different hotels.



## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Aluminium alloy & acrylic;
Finish: Black with silver/gold/coffee gold edge
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58℃
Storage humidity : 15-90% RH
Working temperature : -25- + 58℃
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare (13.56Mhz)

## MORTISE

ANSI Standard



ANSI Thin



(Unit:mm)



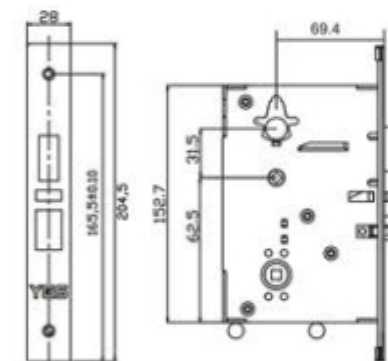Confirmation indicator light that illuminates when any action is made on the lock.



Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

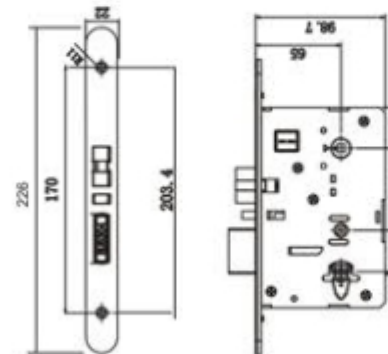Key-alike type and key-different type are optional.



All trace of installation are invisible with this decoration strip.

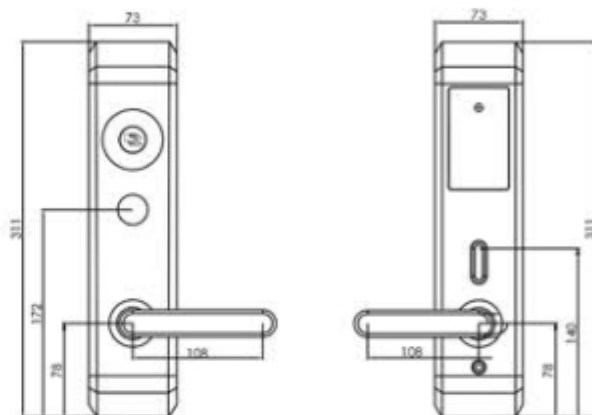It blends all into one harmonious whole, giving a rough lock gentle feeling.



If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.

# YGS9938
# Hotel Electronic lock Series

Electronic lock with RFID technology, with front and back faceplates made of stainless steel NO.304. Ideal to replace old locks. It covers the holes of many models of locks on the market.

## MORTISE

ANSI Standard

ANSI Thin

(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.

## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up **to 1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment for **high humidity** environments.
- **Software** available in several languages. Standalone mode or centralized database.
- **Mechanical emergency lock**
- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.
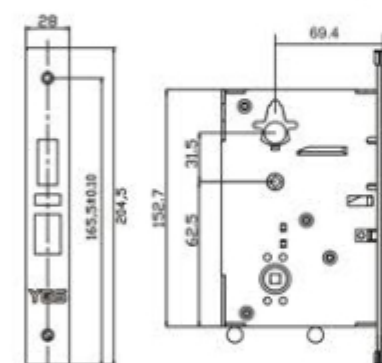- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Stainless steel
Finish: Stainless steel brushed
Power supply: 4 AAA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
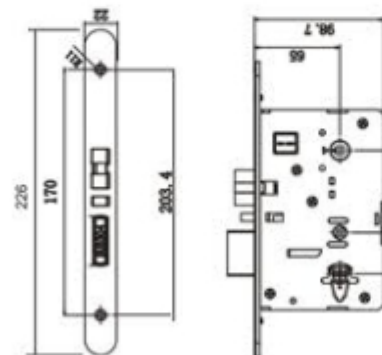Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

The anti friction latch reduces the contact area.

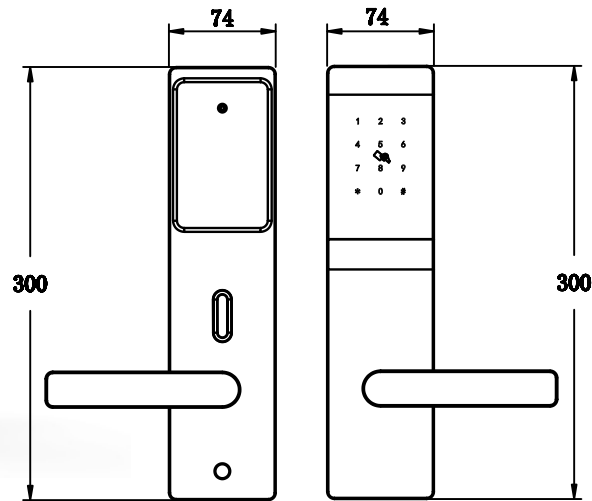The anti-card latch prevents its opening by this technique.

Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

# YGS9955BS-TH
## Hotel Electronic lock Series

Distinctive elegance with fancy LED effect endows the whole hotel with modern sense. Three well-chosen colors cater to different decoration style of different hotels.

74    74

300    300

## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- ANSI **high security bolt** with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up **to 1000 events** including openings with emergency keys.
- **Software** available in several languages. Standalone mode or centralized database.
- Mechanical **emergency lock**
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Aluminium alloy & acrylic;
Finish:Adopt sandblasting oxidation and painting technology
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current：< 20 uA
Dynamic current：<150 mA
Storage temperature：-25- + 58℃
Storage humidity：15-90% RH
Working temperature：-25- + 58℃
Working humidity：15-90% RH
Card reading distance：0-2cm
Reading & writing time：<0.25s
Date keeping：Over 10 years
Applicable chip：Mifare (13.56Mhz)
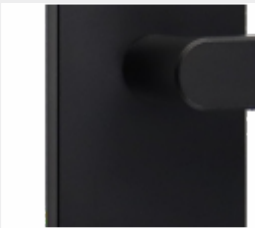
## MORTISE

ANSI

94    24
61
32
94    203
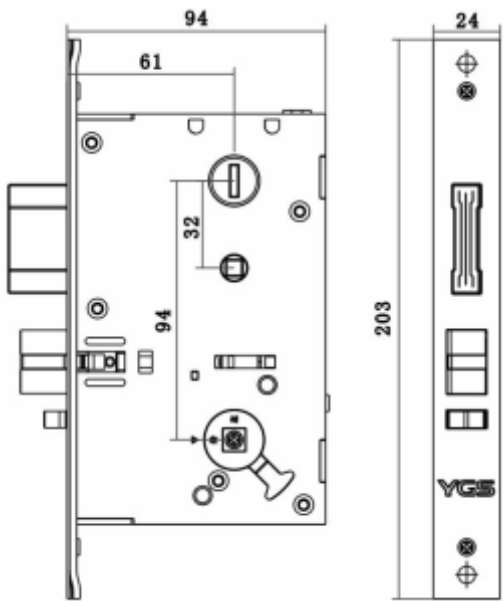
(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.

The lock faceplate thickness is less than 11mm, makes the whole product ultra thin and full of technology sense.

Together with the password+card online control function, it is an ideal solution for your airbnb smart lock solution.
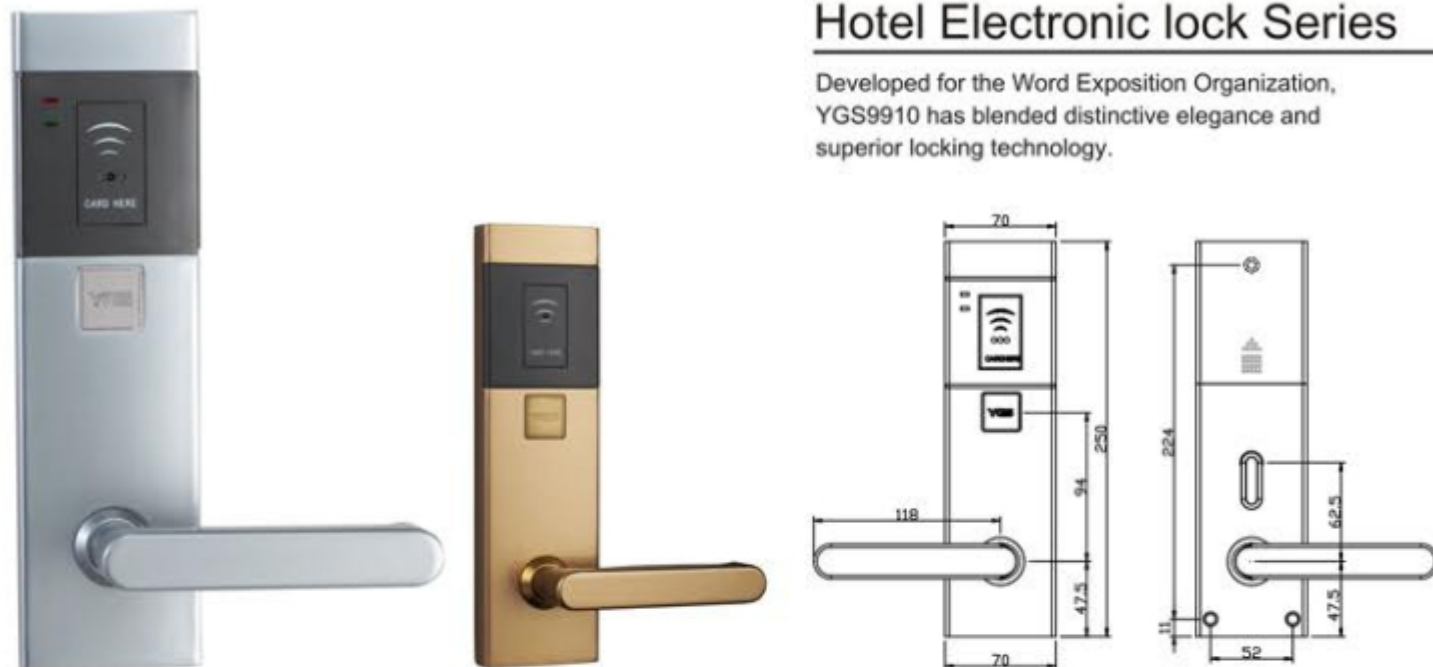
The lock surface is treated by sandblasting oxidation. In long-term daily use, the lock color stays the same and in good condition for at least 10 years.

The lock edge and faceplate are all grinded by CNC technology, the edge is very straight and clear.

## YGS9910
## Hotel Electronic lock Series

Developed for the Word Exposition Organization, YGS9910 has blended distinctive elegance and superior locking technology.

70

250
94
224
47.5
62.5
118
70
52

## FEATURES

- Electronic lock with Japanese "MABUCHI" motor durable for over 500, 000 cycles.
- ANSI high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- Anti-manipulation handle with free rotation, avoid forcing the opening lever.
- Ideal to replace old locks. It covers the brands of many models of locks on the market.
- Audit system with capacity to register up to 1000 events including openings with emergency keys.
- PCB sealed with silicon encapsulated treatment for high humidity environments.
- Software available in several languages. Standalone mode or centralized database.
- Mechanical emergency lock
- EEPROM memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: Zinc alloy
Finish: Nanometer silver/gold plated
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58℃
Storage humidity : 15-90% RH
Working temperature : -25- + 58℃
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

## MORTISE

ANSI Standard

28
69.4
165.5x0.10
204.5
152.7
62.5
31.5

ANSI Thin

226
170
203.4
98.7
66
62.5
31
31.6
31.6

(Unit:mm)

Confirmation indicator light that illuminates when any action is made on the lock.
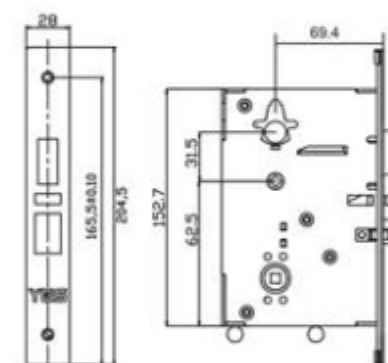
Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

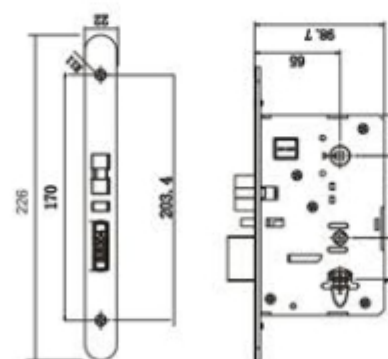Key-alike type and key-different type are optional.

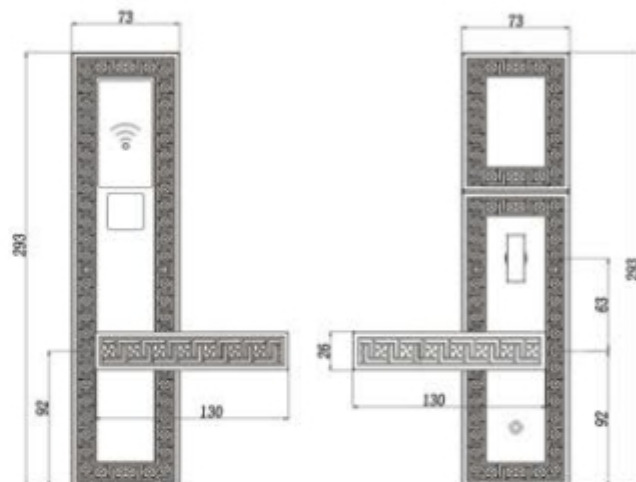Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.

## YGS9917

## Hotel Electronic lock Series

YGS9917 design was inspired by traditional Chinese architecture. The faceplate lines, handle, and knob etc, every lock detail increases your building with tradtional Chinese style substantially.

## FEATURES

- Electronic lock with **Japanese "MABUCHI"** motor durable for over 500, 000 cycles.
- **ANSI** high security bolt with 3-point latch with anti-friction and anti-card mechanism in stainless steel.
- **Anti-manipulation handle** with **free rotation**, avoid forcing the opening lever.
- **Ideal to replace old locks.** It covers the brands of many models of locks on the market.
- **Audit system** with capacity to register up **to 1000 events** including openings with emergency keys.
- **PCB sealed** with silicon encapsulated treatment for high humidity environments.
- **Software** available in several languages. Standalone mode or centralized database.
- **Mechanical emergency lock**
- **EEPROM** memory to maintain the information and configuration even if the batteries are removed.
- Uses 4 standard AA batteries.

## TECHNICAL PARAMETERS

Material: zinc alloy
Finish: antique brass
Power supply: 4 AA alkaline batteries
Battery life: Over 15000 cycles
Static current : < 20 uA
Dynamic current : <150 mA
Storage temperature : -25- + 58°C
Storage humidity : 15-90% RH
Working temperature : -25- + 58°C
Working humidity : 15-90% RH
Card reading distance : 0-5cm
Reading & writing time : <0.25s
Date keeping : Over 10 years
Applicable chip : Mifare 1 (13.56Mhz)

## MORTISE

ANSI Standard

ANSI Thin

(Unit:mm)

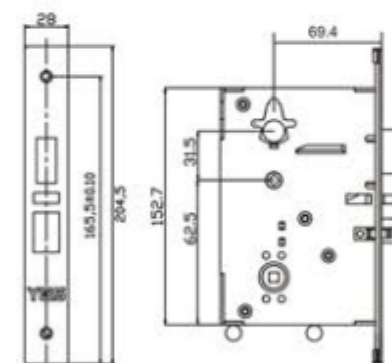Confirmation indicator light that illuminates when any action is made on the lock.

Emergency mechanical lock hidden behind a flap on the front. This lock allows to open the door without the need of a card in case of emergency. It will be helpful when the computer is broken or the lock in the state of misoperation.

Key-alike type and key-different type are optional.

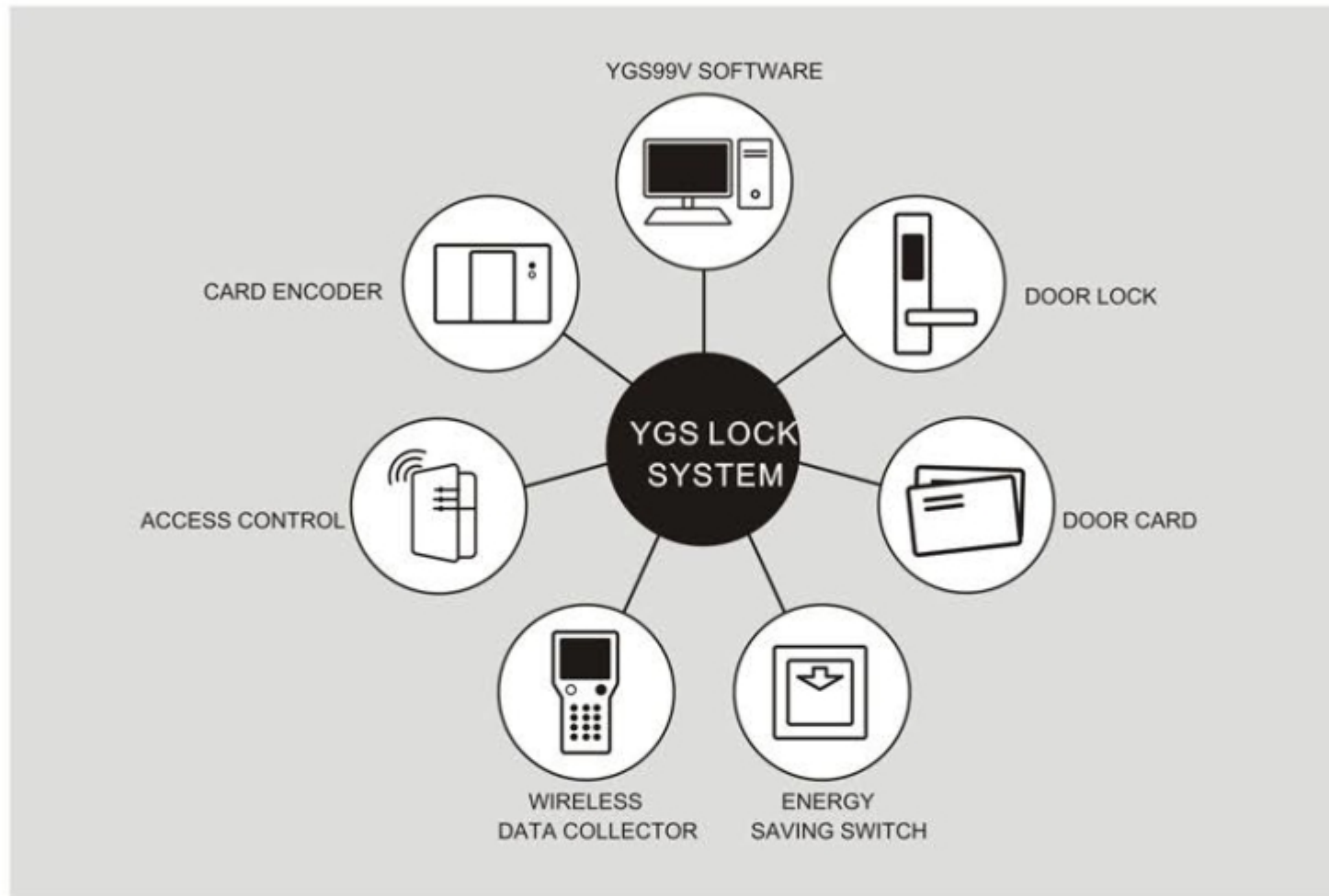Interior anti-panic latch. It retracts automatically when the door is opened from the inside.

If the battery power is running low, an automatic alert is activated via a red light that is displayed when reading keycard.

This signal is given months before the battery needs to be replaced.

# SYSTEM COMPOSITION



Diagram: YGS LOCK SYSTEM

- YGS99V SOFTWARE
- DOOR LOCK
- DOOR CARD
- ENERGY SAVING SWITCH
- WIRELESS DATA COLLECTOR
- ACCESS CONTROL
- CARD ENCODER

- Software is compatible with **all Windows operation systems.**

- **100% compatible** with most PMS (Fidelio, Opera, Prestige, etc)

- **10 Software languages**: English, Turkish, Russian, Spanish, Portuguese, Arabic, French.

- **Secure MSSQL** enables multiple database access and stable information transmission.

- More than 20 different check-in points can share one database smoothly.

- Hostel Solution: for shared use of rooms by different guests, with independent access key.

- Motel Solution: limiting the access by hours.

- Unique customer code for each hotel.

- **All-in-one-card solution**: access to hotel gate, sauna room, parking lot, fitness room, restaurant etc with the room card.

- Supports up to 8 sections for grouping system locks.

- Easy your hotel lock management: multi-user license, housekeeping management, group check-in, Intelligent shortcut key, auto-database backup, LED lock status indication, card lost reporting, operation reports updated every day.........

# CARD ENCODER



YGS encoder is a vital component of all access control systems, transmitting information and commands to/from a keycard. Each system is configured to suit the unique requirements of a property.

## ■ Features:

Connects directly to PC via USB, no drive installation
Supports MIFARE (ISO 14443A) credentials
Encodes a variety of RFID credentials, such as keycards, fobs, wristbands, etc
Used in conjunction with YGS99V Intelligent lock software.

## ■ Specifications

Dimensions: 160(L)X101(W) X 26(H)mm
Part #: YGS M157 series
Connectivity: to PC via USB
Card Style: Mifare Mini, 1K, and 4K

# ENERGY SAVING SWITCH

We have 6 different types of energy saving switches: no verification, verify card type, verify system encryption code, verify encryption code and room number, verify encryption code and check-in time, verify room number and check-in time. Hotels can choose one of them according to different requirements.

## ■ Features:

Share same card of door lock to save energy;
Blue LED light displays the switch status;
Inflaming PC material with ivory high class color;
15 seconds time delay avoids the hurry of check-out.

## ■ Specifications

Dimensions: 86 (L)X86(W) X 35(H)mm
Working voltage: 190-240VAC
Max Current: ≤30A
Card Style: Mifare one Card

# WIRELESS DATA COLLECTOR

## ▪ User-friendly menu

The interface is user-friendly based on mobile phone operation system. Operators get to know all operations after one or two times learning.

## ▪ Setting functions

Room number installation
Lock date/time Synchronization
Room check in/out remotely

## ▪ Inquiry functions

Read data of the lock (date, room number etc)
Read data of the card ( ID, card type, special function et
Read audit trail (1000 events)

## ▪ Password protection

Similar to your phone lock, correct password is required when opening the programmer.

## ▪ USB standard plug

Plug-and-play design, no need additional drive installation.

# ELEVATOR CONTROLLER

YGS elevator controller enhances security level for the hotel, by authorizing access only to those valid keycards. With their room cards at hand, hotel customers can use the elevator to go to their own floor.

## ▪ Features

2 delivery ways: automatic delivery and press-button delivery;
3 control modes: uncontrolled mode, floor control, floor & time control;
Access control to certain floors can be cancelled during specific periods;
Over 2000 entries record;

## ▪ Specifications

Dimensions (reader diameter): 85 mm
Working voltage: 12VDC
Current: 1000mA
Card Style: Mifare one Card
Detecting distance: 10~50mm

# ACCESS CONTROLLER

YGS access controller is the best option to provide access to common areas, such as parking, meeting rooms, employee areas, or to control the night access of guests to the hotel.

## ▪ Features:

Classic design makes recognition easy and immediately.
Share same card of door lock to access common areas.
Work with electric drop bolt or electric magnetic lock.
1000 audit trail.
Vandal-proof version is optional
Compatible with all thin door, glass door, metal door.

## ▪ Specifications

Dimensions: 125 (L)X75(W) X 22(H)mm
Working voltage: 12VDC
Current: 100mA
Card Style: Mifare one Card
Detecting distance: 0~50mm
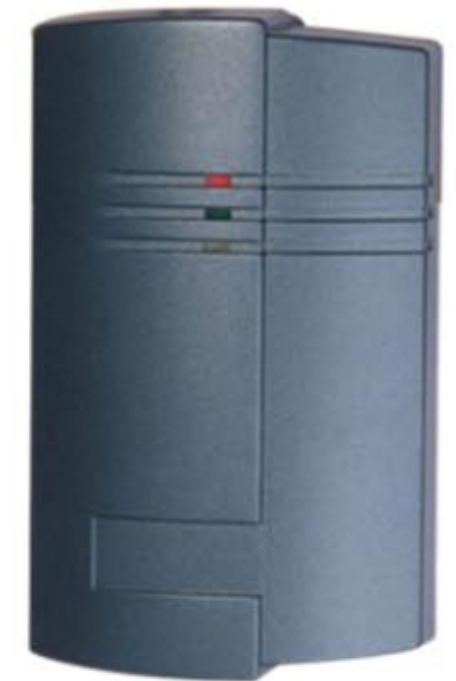
# RFID EXIT DEVICE

By installing an Exit Device on your emergency exit, you maintain full access control from the outside, as well as an easy and safe escape in case of an emergency. The emergency exit can be easily opened simply by pushing the push bar.

The exit device is suitable for wooden, metal and glass doors. It is supplied in a RIM version for horizontal installation with latch on the side of the door and in a ROD version for vertical installation with latch on top and bottom of the door.
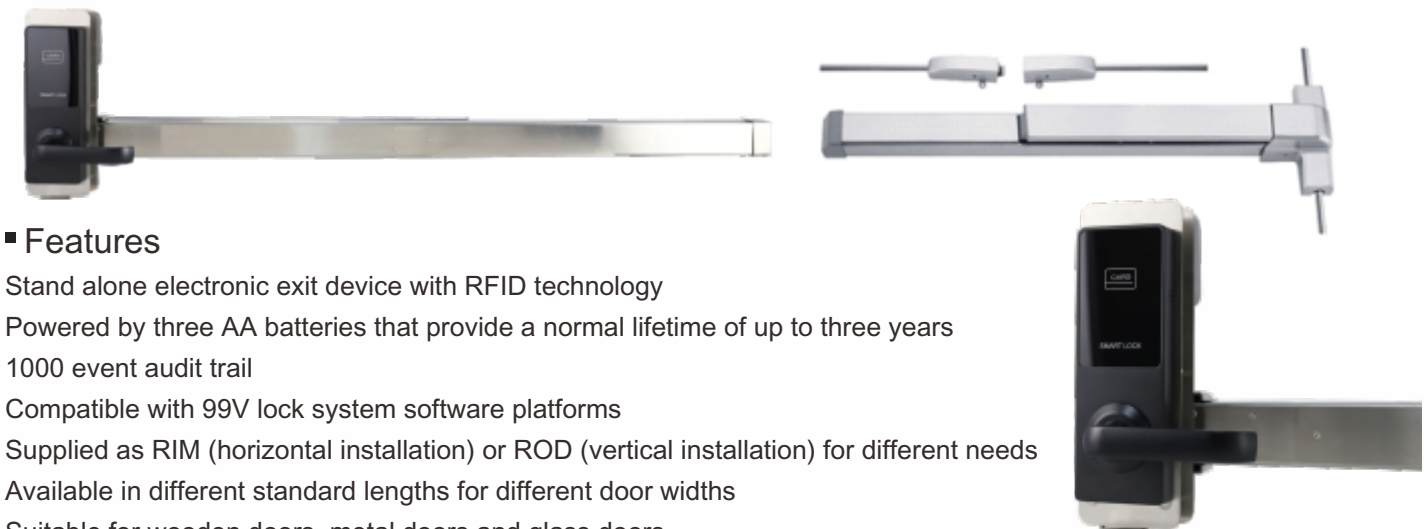
## ▪ Features

Stand alone electronic exit device with RFID technology
Powered by three AA batteries that provide a normal lifetime of up to three years
1000 event audit trail
Compatible with 99V lock system software platforms
Supplied as RIM (horizontal installation) or ROD (vertical installation) for different needs
Available in different standard lengths for different door widths
Suitable for wooden doors, metal doors and glass doors

## YGS6001H-1

- ☐ Spring loaded door
- ☐ Fashionable and harmonious design
- ☐ Industry-leading audit trail system
- ☐ ADA compliant telephone-style keypad
- ☐ Revolutionary locking system with double deadbolt mechanism

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- ☐ YGS6001H-1: 420*300*190
- ☐ YGS6001H-2: 420*360*190
- ☐ YGS5001H-1: 230*170*170
- ☐ YGS5001H-2: 350*250*250

## YGS6001Q-1

- ☐ Illuminated blue keypad. Spring loaded door
- ☐ Integrative solid steel bolt hinges for maximum security and durability
- ☐ Easy mechanical key override in case safe fail
- ☐ Door-body integrated design for minimum crack between door and body

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- ☐ YGS6001Q-1: 420*300*190
- ☐ YGS6001Q-2: 420*360*190
- ☐ YGS5001Q-1: 230*170*170
- ☐ YGS5001Q-2: 350*250*250

## YGS6001L-1

- ☐ Serviced by handheld service unit
- ☐ Back wall or bottom wall fixing optional
- ☐ Inside light for guest convenience
- ☐ Easy mechanical key override in case safe fail
- ☐ Laptop compatible up to 15" (for model with 360mm width)

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- ☐ YGS6001L-1: 420*300*190
- ☐ YGS6001L-2: 420*360*190
- ☐ YGS5001L-1: 310*200*200
- ☐ YGS5001L-2: 350*250*250

## YGS1500B-1

- ☐ Lift up faceplate to open
- ☐ Three ways to open:
  - user password (3-6 digits)
  - hotel master password
  - unlock via key
- ☐ Revolutionary locking system with double deadbolt mechanism.

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- ☐ YGS1500B-1: 380*290*150
- ☐ YGS1500B-2: 380*350*150