



Hotel Smart Locking Management System

Hotel Lock & Accessories



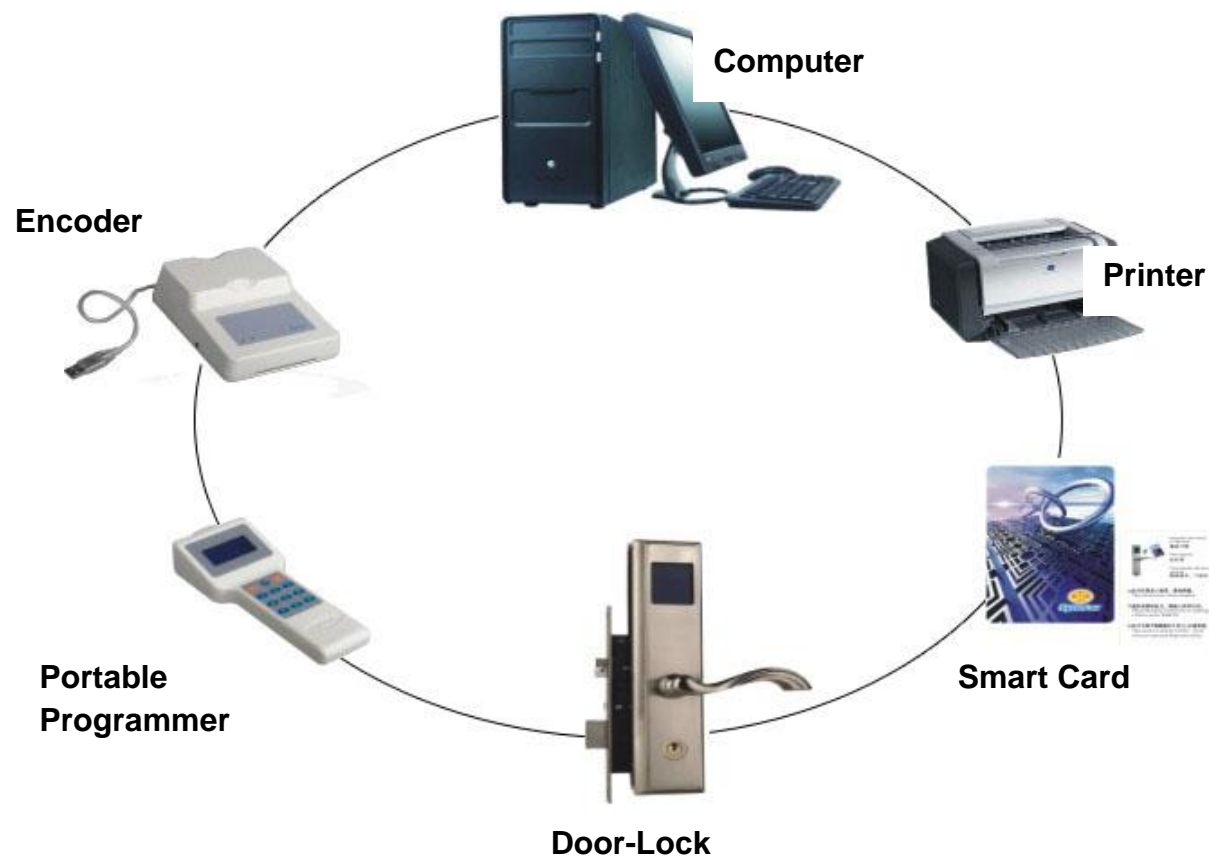
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System Components



Introduction of System Components	
System Components	Detailed Information
Door-lock	RF card, IC Card etc of Syron are available
Computer	Competent of run Windows 3.1 operating system or above system
Software	Software is the system management, including the establishment of the state, setting locks, limited operators and cardholder's authority, read open records, etc.
Card W/R Device	Connected to serial/USB port of the computer, the card W/R Device is used to read and write information into the smart card
Setter	With LCD display and keypad, this setter is used as the communication channel to connect the deduction door-lock and the computer for system management
Smart Card	Selected chips from Siemens of Germany, Atmel of the United States, Philips of Holland

RF Card

RF card is a type of IC card used for contactless data transmission. It has such advantage as antiseptic, antimagnetic, waterproof, and long life span etc, and other features for instance contactless read & write, no directional requirements, mal-operation (e.g. read & write error due to poor contact) avoidable.

RF Card Lock

SY344BP (Hot)

PVD Brushed Zirconium



SY348BP (Hot)

Brushed Stainless Steel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 12,000 times for RF card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY343CP

Brushed Electroless Nickel



SY344CP

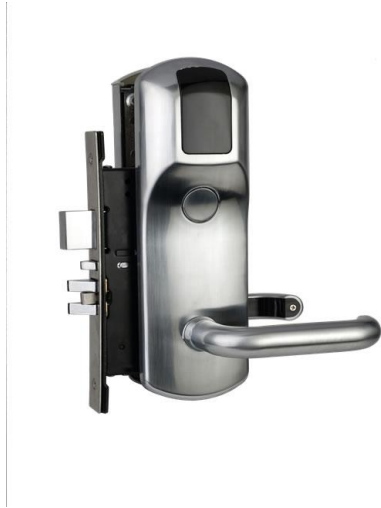
Brushed Brass



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Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY343F

Zinc Alloy Electroless Nickel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 12,000 times for RF card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY344F

Zinc Alloy PVD



SY344AP

Zinc Alloy Electroless Gold



SY347AP

Zinc Alloy Electroless Nickel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 12,000 times for RF card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY544AP

Brushed Brass



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 12,000 times for RF card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY547AP

Brass Electroless Nickel



SY344H

Brushed Brass



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 12,000 times for RF card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY345H

Brushed Electroless Bright Chrome



SY101-11 (Magnetic card + RF Card) (New)

Feature

- Magcard and RF card are supported.
- With a unique structure, installing and removing of the lock is easy. The electronic module is installed into the front panel, with maximum protection for the door lock, and giving reliability and security.
- Lock body size can be selected, meeting American and European standards.
- Exclusive ID card numbers for ensuring the guest's safety.
- Battery lifetime: For door openings, it normally can exceed 10,000 times.
- When low voltage alert, the door can still be unlocked another 50 times.
- The lock can identify up to 1000 RF cards.
- The lock can save up to 512 unlock records.
- Intelligent locking indication: If the door not be fully closed, the lock will alarm to indicate guest or waiter to close the door well.
- The door can be unlocked with mechanical key in case of an emergency.
- The lock can be set to a neutral mode, open the door by turning the handle.
- When the computer system is down, you can use the Emergency Administrative Card to issue a keycard on the lock directly.

Technical Data

- Power Supply: 6V, 4 AA batteries
- Driving mode: Motor & Bidirectional Control
- Working Temperature: -20°C- +65°C
- Dynamic Power Supply: About 200mA
- Working humidity: 20%- 90%
- Antistatic ability: > 1,500V
- Low Battery Alert: < 4.5V

Material: Zinc Alloy

Surface Finishing: Pearl Chrome



SY101-11

SY121-51 (RF Card) *(New & Recommed)*

Feature

- With a unique structure, installing and removing of the lock is easy.
- All of the electronic module is installed into the front panel, with maximum protection for the door lock, and giving reliability and security.
- Lock body size can be selected, meeting American and European standards.
- Exclusive ID card numbers for ensuring the guest's safety.
- Battery lifetime: For door openings, it normally can exceed 10,000 times.
- When low voltage alert, the door can still be unlocked another 50 times.
- The lock can save up to 512 unlock records.
- The lock can identify up to 1000 RF cards.
- Intelligent locking indication: If the door not be fully closed, the lock will alarm to indicate guest or waiter to close the door well.
- The door can be unlocked with mechanical key in case of an emergency.
- The lock can be set to a neutral mode, open the door by turning the handle.
- When the computer system is down, you can use the Emergency Administrative Card to issue a keycard on the lock directly.

Technical Data

- Power Supply: 6V, 4 AA batteries
- Driving mode: Motor & Bidirectional Control
- Working Temperature: -20°C- +65°C
- Dynamic Power Supply: About 200mA
- Working humidity: 20%- 90%
- Antistatic ability: > 1,500V
- Low Battery Alert: < 4.5V

Material: Zinc Alloy

Surface Finishing: Birght Chrome



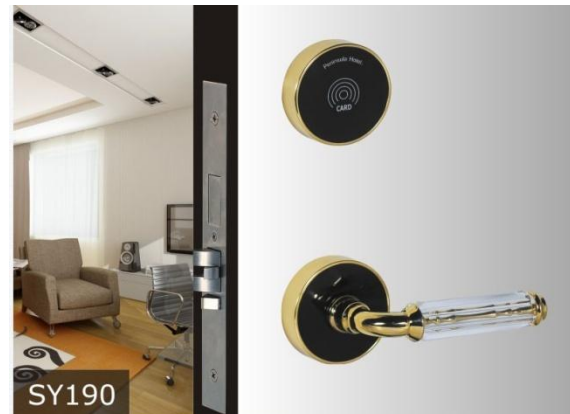
SY190 & SY192 (Split-type lock) **(New)**

Feature

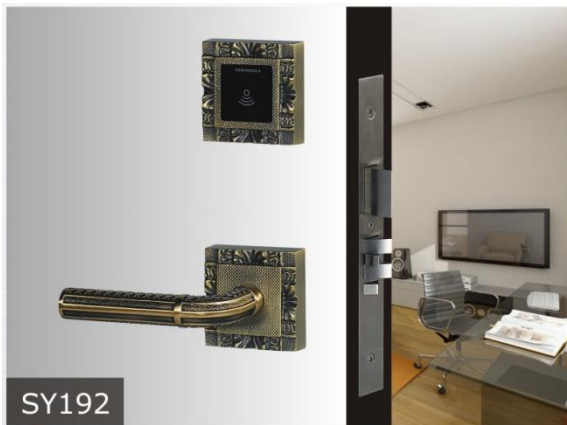
- Round and square appearance, carved pattern designs well suited for luxury hotels.
- Split-Type lock: there is no requirement for fixed position. Lock body size can be selected, meeting American and European standards.
- Low power consumption technology, greatly increases the lifetime of battery.
- Exclusive ID card numbers for ensuring the guest's safety.
- Battery lifetime: For door openings it normally can exceed 10,000 times.
- When low voltage alert, the door can still be unlocked another 50 times.
- The lock can save up to 512 latest unlock records.
- The lock can identify up to 1000 RF cards.
- Intelligent locking indication: If the door not be fully closed, the lock will alarm to indicate guest or waiter to close the door well.
- The door can be unlocked with the physical key under emergency conditions.

Technical Data

- Power Supply: 6V, 4 AA batteries
- Driving mode: Motor & Bidirectional Control
- Working Temperature: -20°C- +65°C
- Dynamic Power Supply: About 200mA
- Working humidity: 20%- 90%
- Antistatic ability: > 1,500V
- Low Battery Alert: < 4.5V



SY190
Surface Finishing : Spray painting



SY192
Surface Finishing : Antique bronze

IC Card

IC card has such good performances as large memory capacity, antimagnetic, antistatic, strong anti-interference capability, high reliability of read & write, encryption for prevention of malicious duplication, self-destruction after three-time error of code validation, all of which can strictly guarantee security

IC Card Lock

SY324BP (Hot)

PVD Brushed Zirconium



SY328BP (Hot)

Brushed Stainless Steel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY323CP

Brass Electroless Nickel



SY324CP

Brushed Brass



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY324AP

Zinc Alloy Electroless Gold



SY327AP

Zinc Alloy Electroless Nickel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY524AP

Brushed Brass



SY527AP

Brass Electroless Nickel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY334F

Zinc Alloy PVD



SY333F

Zinc Alloy Electroless Nickel



Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
Low-voltage Warning:	when low-voltage warning is given, the door can still be opened 50 times
Opening Time:	Effectively open the door within six seconds after inserting the card overtime the door will be locked again automatically to guarantee security
Illegal Card:	The PCB will not be damaged when any illegal card, especially conductive metal card, is inserted into the lock. The lock can still work normally under such condition.
Antistatic ability:	Above 15,000V
Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

SY334H

Brushed Brass



SY335H

Brass Electroless Bright
Chrome

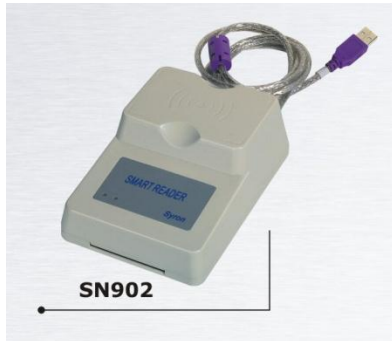


Technical Data	
Driving mode:	Motor/ motor & mechanicdual control
Working Power:	1.5v alkaline battery X 4
Battery Life-span:	about 20,000 times for IC card
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Working humidity:	20%- 90%
Working Temperature:	-20°C- +65°C

Accessories

Card Encoder

SN902 & SN905



- With the hotel management software you can also issue the staff cards and guest cards.
- Fast read the information on staff and guest cards.
- Password card supported, when it is inserted, no more password is needed.
- The Card Encoder is connected to the PC through a standard USB port.

Portable Programmer

SN920

Feature

- **Setup function**
 - a. Portable Programmer connected with a PC, exchanging data.
 - b. Synchronize the clock in the locks.
 - c. Transmitting room data to door locks, including room number, public data and working time periods, etc.
 - d. Collect all data of unlock records from the locks.
- **Audit function**
 - a. The Portable Programmer contains a built in real time clock, it can be used to check and calibrate clock on door locks.
 - b. The Portable Programmer can be used to check the battery status.
 - c. The Portable Programmer can be used to check any reason for unlocking failure.
 - d. Can exchange information with PC through USB port of the Encoder; exchanging information with the door lock wireless.



**Through the Encoder
with USB port
connected to PC**

Energy Saving Switch

SN930



Feature

- Getting power with room card only, any other substitutes are rejected.
- Shell of the switch is a fire-proof material.
- Pilot light on the switch, make it easy for the guest.
- Once the switch is broken, internal relay still keeps connecting status to provide power for using.
- Steady output voltage, simply installation.
- Automatically power off with 15 seconds delay after removing out the card.
- General and special type for selection. Special types can be customized, such as room number or time identifying

Technical Data

- Voltage: 175~250V, 90~130V
- Amp: 16A
- Dimensions: 86mm*86mm
- Nonworking status: Red indication light
- Working temperature: -40°C~+50°C
- Working humidity: 50%~95%
- Application: IC card/ RF card
- Body: Fire proof materials



Who are using Syron*?

1. Tower Regency Hotel (Ipoh, Malaysia)
2. Best Western Hotel (Pangkor, Malaysia)
3. T Hotel (Changlun, Malaysia)
4. T Hotel (Kuala Perlis, Malaysia)
5. Ecotel Hotel (Buttwerworth, Malaysia)
6. Etc.

* Syron Electronic Hotel Door Lock



Contact Us

TOB Solution Sdn. Bhd. (227936-X)

Malaysia Headquater Office - Johor Bahru, Malaysia

No. 9 Jalan Permas 9/1, Bandar Baru Permas Jaya, 81750 Johor Bahru, Johor, Malaysia.

Tel : +607-3863222

Fax : +607-3865566

H/P : +6012-7108119

Email : sales@abssoftware.com.my

Penang Service Center - Pulau Pinang, Malaysia

No. 3222, Jalan Kampung Baru, Taman Tampoi Indah, 14000 Bukit Mertajam, Pulau Pinang, Malaysia.

Tel : +604-538 80283222

Email : penang@abssoftware.com.my

H/P : +6012-713 7283

Kuala Lumpur Office - Kuala Lumpur, Malaysia

No 13, Jalan Putri 5/8, Bandar Putri Puchong, 47100 Puchong, Kuala Lumpur. Malaysia.

Tel : +603-8063 3088

Fax : +603-8061 3365

Email : kl@abssoftware.com.my

H/P : +6012-710 8119

Website: www.abssoftware.com.my