

1. Network lock BW823SC-G HOTEL LOCK DATA

Model number : BW823SC-G

Material :zinc alloy

Durable Shock: More than 1000 kg

Environmental requirements: -20℃~50℃;

Humidity≤95%, without corrosive gas and powder.

Weight: 3kg

Mortise type : AN

Adaptable door thickness: 38~50 mm;

Power Supply from RCU in normally use DC12V

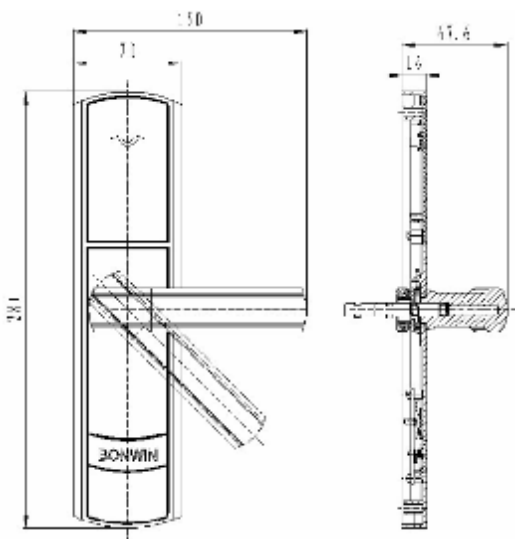
Battery as back up function in emergency condition:

DC6V (4pcs AA battery Alkaline battery)

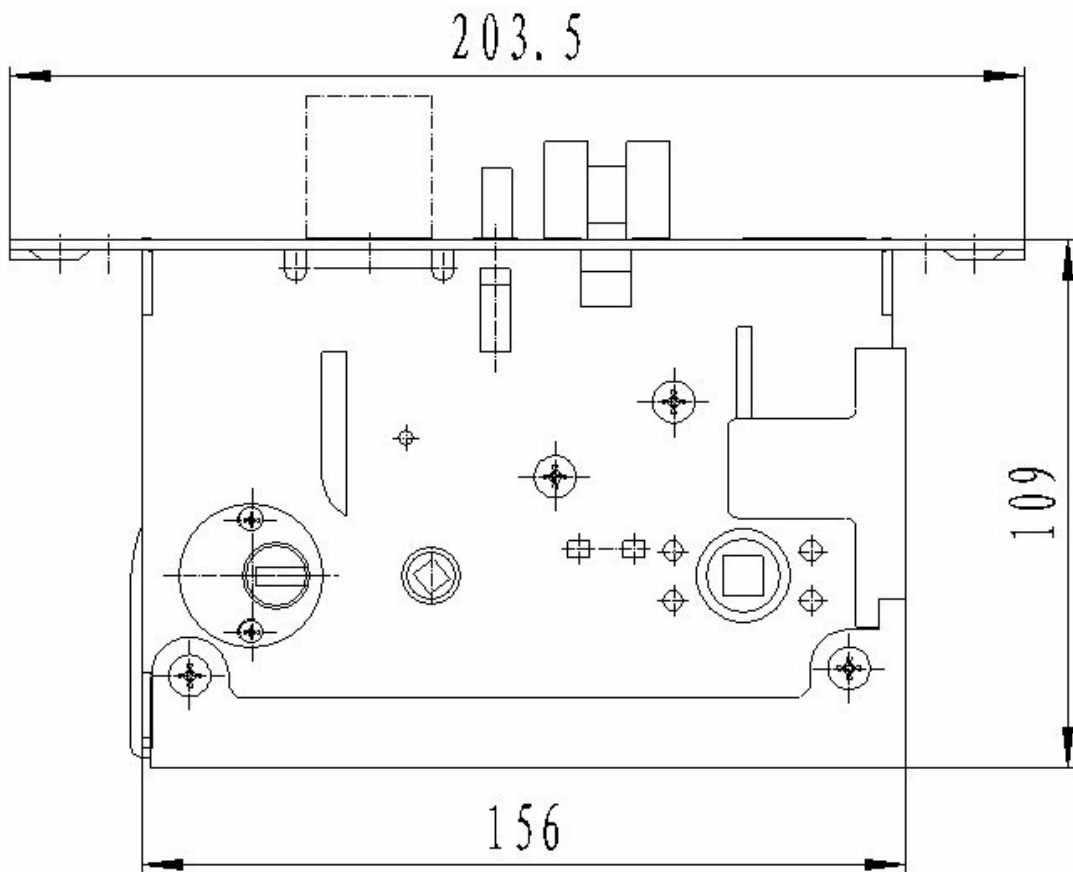
Features



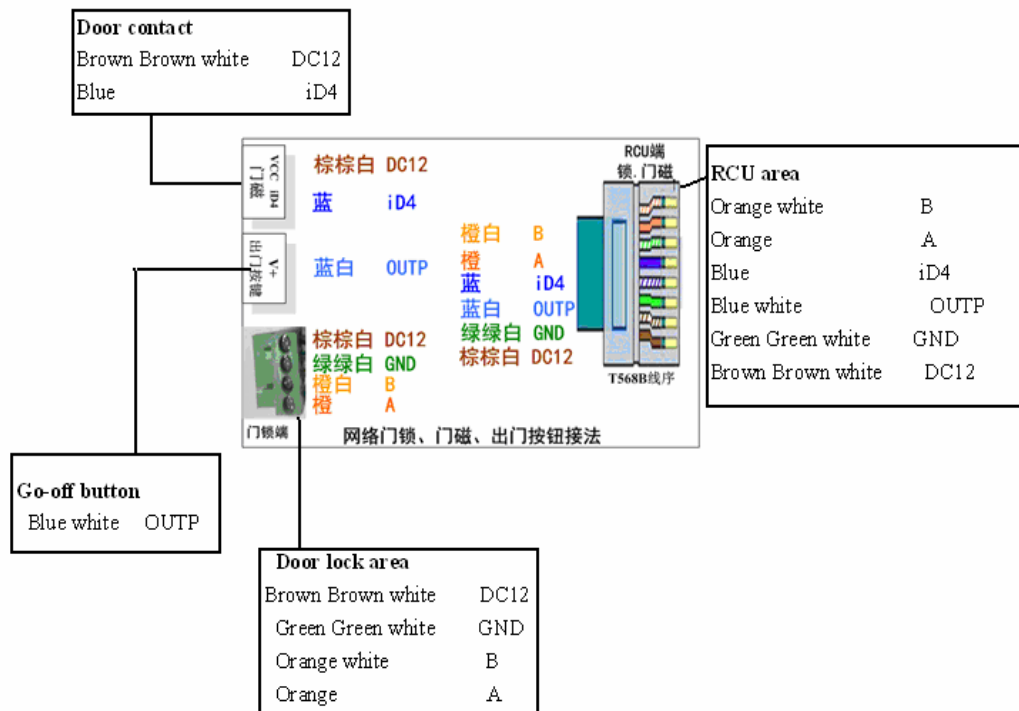
- ◎ BACKUP BATTERY used for the emergency power supply, by this way, the door locks still can worked even if the network interruption ——network door locks operated by network as normal, once the network interruption, the backup batteries will start work immediatly. It ensured the proper functioning of the locks, not influence the guests use the locks. once the fault happened ,the warning prompt will appeared on the computer, the lock information will uploaded on the computer once the network back to normal.
- ◎ HOTEL and the OFFICE functions merge into one ——our network locks system: Enhanced features and functionality, Extremely high security, easy to operate, flexible control, Effective and efficient in managing and organizing functions, base on above advantages , it not only suitable for the hotels ,but also suitable for the offices.
- ◎ Two types normal open door method: unlock the door by RF card, unlock the door by “remote-control unit”
Emergency unlocking method: By mechanical key, By the management computer.
- ◎ Double card or multi-cards open the door ——according to your needs, you can setting the door lock of some important departments as double cards or multi-cards open the door, the door can been opened when 2pcs or more cards been used.



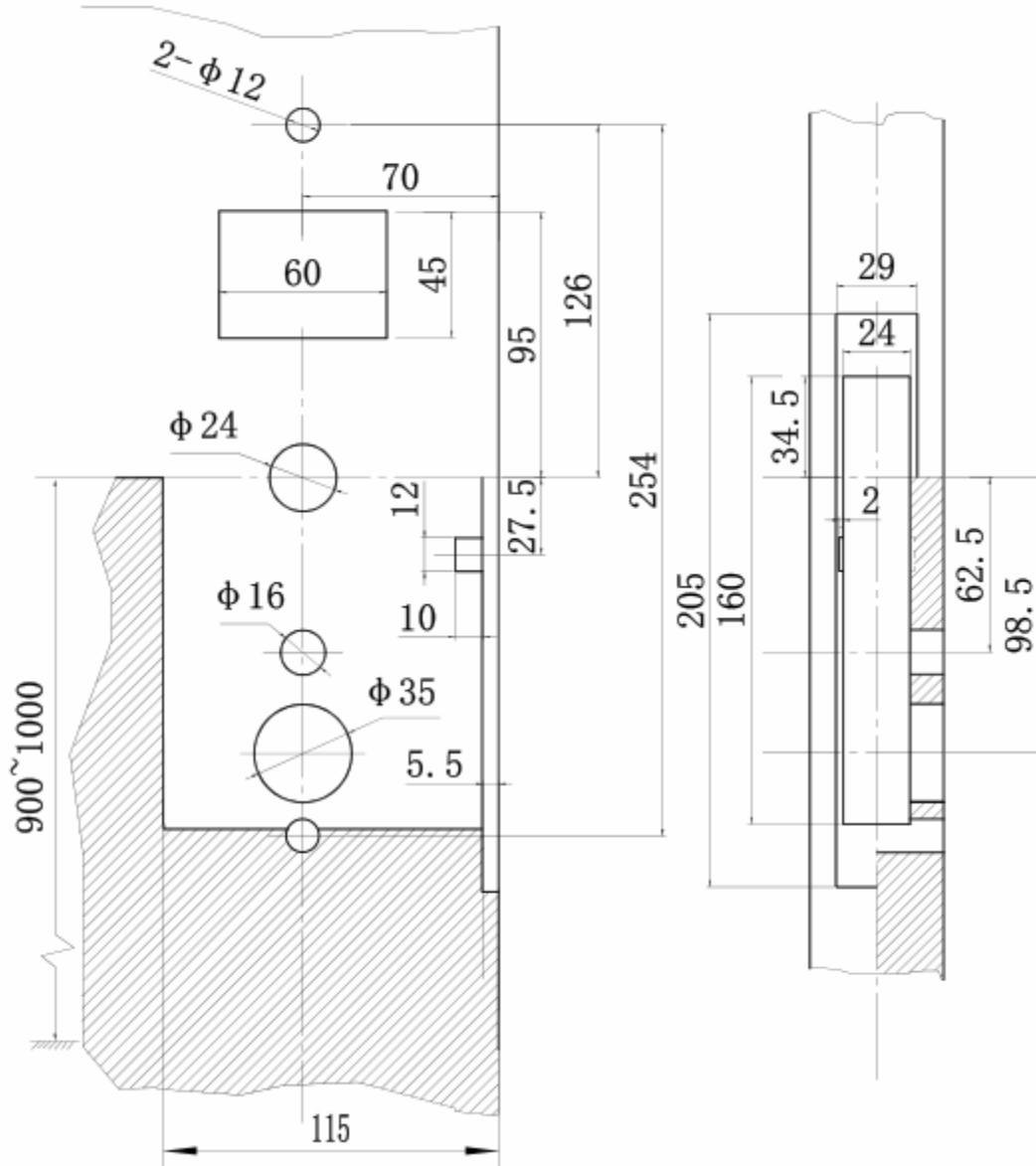
Lock mortise :



Door lock/door contact wired with RCU method



Open hole drawing of the door lock



2. RF card DATA (model number: M1-B)

● RF interface

- Compliant with ISO/IEC 14443-A
- Contactless transmission of data and supply (no battery needed)
- Operating frequency: 13.56MHz
- Fast communication baud rate: 106Kbit/s
- Contactless transmission of data and supply (no battery needed)
- Operating distance: up to 100mm (depending on antenna geometry)
- Half duplex communication protocol using handshake
- Encryption algorithm compatible with M1 standard
- Typical transaction time: < 100ms



● EEPROM

- 1024x8bit EEPROM memory
- Organized in security separated 16 sectors supporting multi-application use.
- User flexible defines access conditions for each memory block.

● High security

- Mutual three pass authentication
- High security level data communication
- Each sector has its own two secret files for systems using key hierarchies.

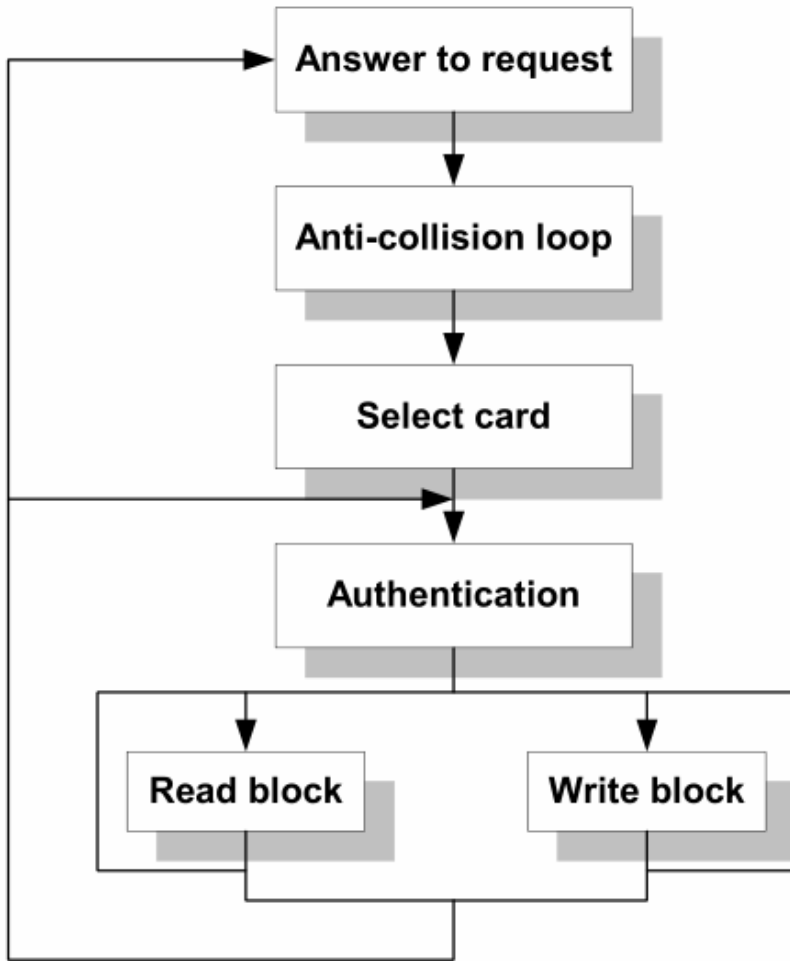
● Arithmetic capability: increase and decrease.

● High Reliability

- Endurance: 100,000cycle
- Data Retention: 10 Years



Transaction sequence Diagram



3. Encoder DATA (model number: BWE773)

BW773 Parameter

- I Type of card: M1 and other compatible cards
- I Support standard: ISO / IEC14443A1-4.
- I Reading/writing distance: Average 35mm, Max. 70mm.
- I Working frequency: 13.56MHz.
- I Port: USB
- I power supply voltage : DC5V
- I power supply current: <100 mA
- I Dimension(mm): 143(L) X 140(W) X 28(H)
- I Working temperature: 0°C to +50 °C
- I Weight: appr. 200g
- I Operating System Support: Wind 2000, Win 2003, Win XP, Win 7, Win 8, Win10

