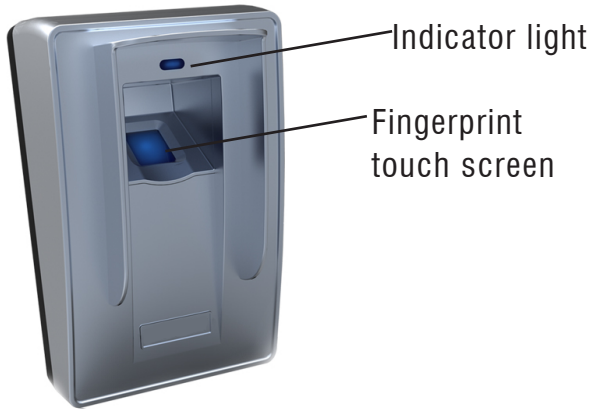# Fingerprint Remote Controller User's Manual

Indicator light

Fingerprint touch screen

Technical data:
1. **Power: 4 x AA alkaline battery**
2. **Life of battery: 1 year (use 10 times every day)**
3. **Frequency: 433.92 MHz +/-75KH**
4. **Transmitting power: approx 10mW**
5. **Code: HCS301 standard**
6. **Working temperature: -20℃ - +55℃**
7. **Working distance: 100m outdoor and 30m indoor**
8. **IP grade: IP54**

1.Basic function description

1.1、The buzzer beeps after power on, if the green light flash for 1 second, it means the fingerprint module normally works; if the red and green light flash alternately, it means communication error, please verify that the fingerprint module is normal and its connection is correct, otherwise, the device can not work.

1.2、There are 4 output channels inside, to control the corresponding channels signal output by registering fingerprints.

1.3、Set up a manager fingerprint to manage users' fingerprint registration, channel selection and the deletion of all registered fingerprints. Note that the manager fingerprint can not be used as users' fingerprint.(it can not control signal output).

1.4、When the user press the fingerprint and after it's valid, the corresponding channel will output signal for 1 second, at the same time the green light will flash for 1 second, and the buzzer beeps for 1 second. If the fingerprint is invalid, the buzzer beeps 4 times.

1.5、Low battery detection: press fingerprint in standby status, if the red light quickly flash for about 2 seconds, it indicates low battery, please replace battery.

Note: if all the following operations failure in 5 seconds, the unit will automatically return to standby status.

2. Manager fingerprint registration

2.1、When the first time to use, no any registered fingerprint, first of all, the user needs to register one manager fingerprint, please refer as follows:

2.2、Press the finger which will be the manager fingerprint, the orange LED lights on, then orange LED lights off and green LED lights on, release the finger and press this finger again, the green LED quickly flash and go off. This means success. Now the user can register user fingerprint.

2.3、If the red LED and green LED light on alternately, it means failure. There may be the following reasons: do not use the same finger to press again, the finger is not clean, do not press the finger at the right place or communication failure.

3. User fingerprint registration

3.1、Channel choosing:Press the manager fingerprint and hold on, the green LED will blink one time, 1 second later the green LED will blink one time again, like this it will totally blink 4 times, this means 4 channels. If the user release the manager finger after the first blink, this means the user chose channel 1, if the user release the manager finger after the second blink, this means the user chose channel 2, like this the user can choose channel 3 and 4. After the user release the manager finger, the green LED will light on always, now the user can register new user fingerprint.

3.2、New user fingerprint registration:After chose the channel, press the finger which will be the user fingerprint, the green LED quickly flash and then go out. This means success. If this finger has already been registered before, now it will replace the previous channel.

3.3、It can at most register 30 user fingerprints. When it is full, after the user did step 1, the orange LED will blink for approx 4 seconds, and then go back to standby status, this means the user can not register any more user fingerprint.

3.4、If the red LED and green LED light on alternately, it means failure. There may be the following reasons: the finger is not clean, do not press the finger at the right place and communication failure.

4.Delete all the fingerprints (includes manager fingerprint)

4.1、Press the manager fingerprint and hold on, the green LED will blink one time, 1 second later the green LED will blink one time again, after 4 times the red LED will light on, 4 seconds later the red LED quickly flash and go out, all the fingerprints are deleted.

4.2、After deleted, all the fingerprints are invalid. You need to do from the step 2 （Manager fingerprint registration）

5.Learning with the door opener

After user fingerprint registered, it needs to learn with the door opener, same as the normal transmitter learning.Press the code learning button on the door opener, and then press user fingerprint to transmit signal. After learning, this fingerprint remote controller can control the door opener.

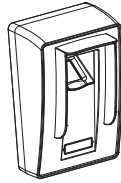# 6.Assembly and battery replacement

6.1、Accessory list：
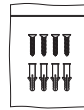
1) Fingerprint remote controller
2) Accessories bag
A tapping screw   4PCS
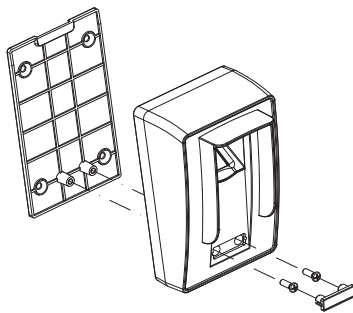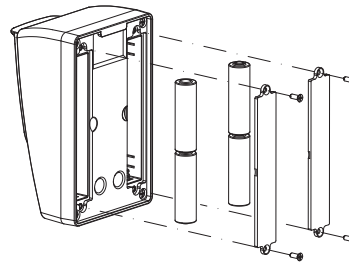B nylon bolt   4PCS

(1)   (2)   (a)   (b)

6.2、Base remove and battery replacement:

1) Remove the scutcheon in the front, take off the two screws, then remove the base.
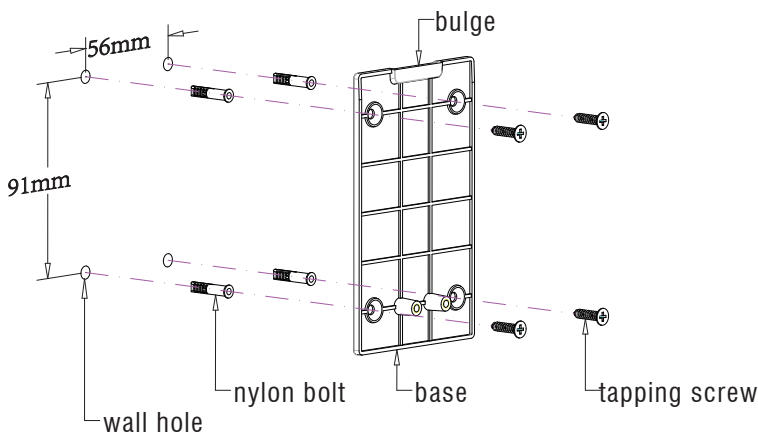2) Replace the batteries

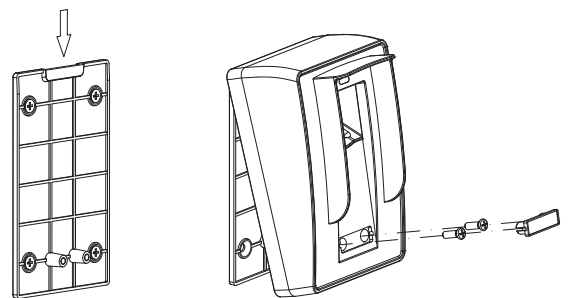（1）   （2）

6.3、Base remove and battery replacement:

1) Drill four holes in the rigid wall, the diameter is 6mm and the depth is more than 35mm.
2) Put the nylon bolts into the holes, use the tapping screws to fix the base. Note: upturn the bulge.
3) The pothook in the back fix with the bulge, to cover all the base, then use the two screws to fix all of them, finally assemble the scutcheon.

bulge

56mm

91mm

wall hole   nylon bolt   base   tapping screw

（1）   （2）