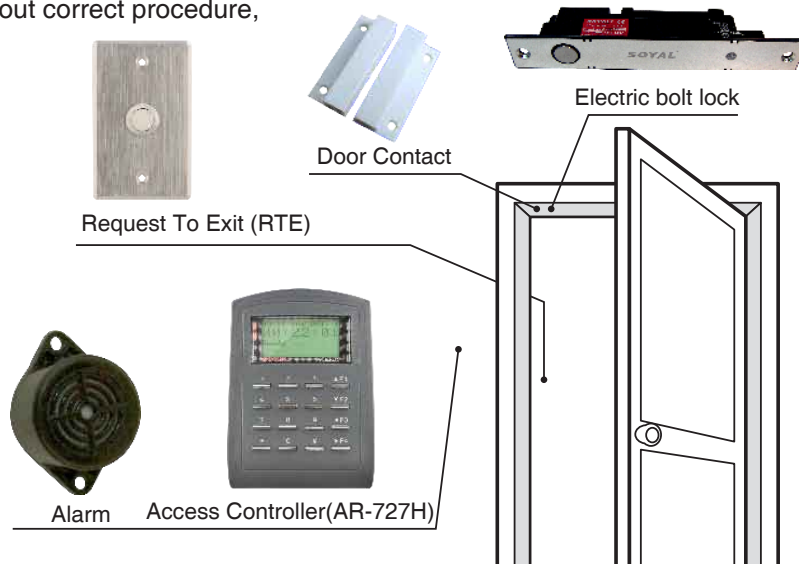


### Installation requirement

1. To install one AR-727H outside of door.
2. To install electric bolt series lock on the top of the floor.
3. To install exit push button inside of door.
4. To install door contact on the side of door. The door contact can check door position all the time. If the door position is abnormal or open door without correct procedure, the alarm will be active.



### Devices



Access Controller  
AR-727H



Bolt Lock  
AR-1203A



RTE  
AR-PB-2A



Alarm



Door contact



Card x 100



Power supplier x 2

### Tools



Threading  
device



SOYAL  
tools kit



Pliers



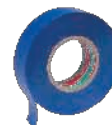
Diagonal  
pliers



Multimeters



Welding  
iron



Tape



Electric  
Grinder



Drill Screwdriver



Parallel power lines



Copper braid +  
Twisted pair cables



Cable ties



**Step 1.**

Close the door and make sure the door and the door frame are at the same level and same height, then measure depth and width of the hole which you need to drill.



**Step 2.**

Stick the sticker on the frame according to the location where you want to install the lock.



**Step 3.**

Drilling hole on door frame (※notice the depth and width of the hole fit to the lock, make sure lock can be installed into the hole)



**Step 3.**



**Step 3.**



**Step 4.**

Drilling hole on door.



**Step 4.**



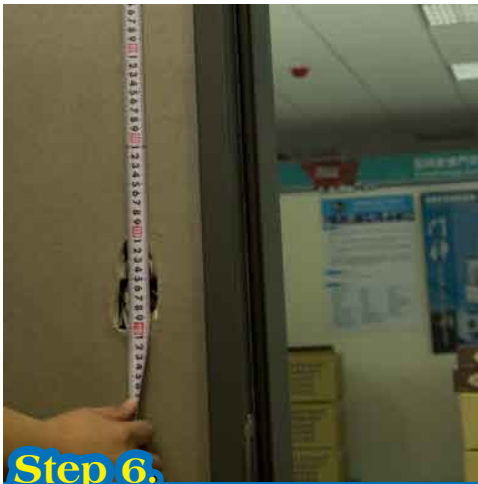
**Step 5.**

Make sure the position of door contact and then drill the hole for installation. It would be easy for set up cables and installation.



**Step 5.**

(SOYAL bolt lock series include door contact inside. You may choose to install it or not. If you install different brand of bolt lock which without door contact, please buy additional door contact.)



**Step 6.**

To measure how long for the cables.



**Step 7.**

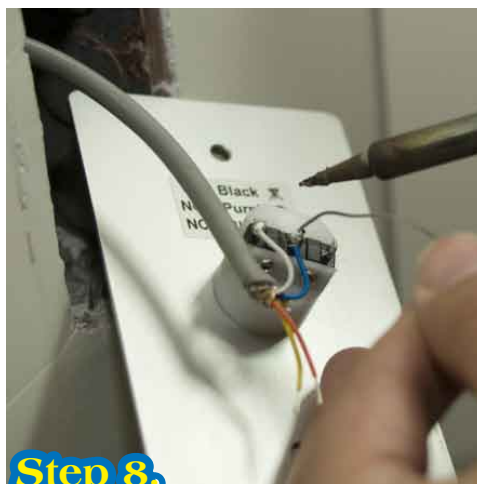
Please use threading device to set up cable to the right location.



**Step 7.**



**Step 7.**



**Step 8.**

Please iron wires on exit button.



**Step 9.**

Connect the wires to the alarm.



### Step 9.



### Step 10.

Connect terminal cables and bolt lock, then install it into the hole of door frame.



### Step 10.



### Step 11.

Connect wires to door contact and install door contact on the door and frame.



### Step 11.



### Step 12.

Please connect the terminal cables of anti-tamper switch (red, orange and yellow 3PIN) and door contact. (When controller is forced to remove or break, the alarm will be active)



### Step 13.

Screw the mounting plate on the wall and then pull out the cables from the square hole of the mounting plate.



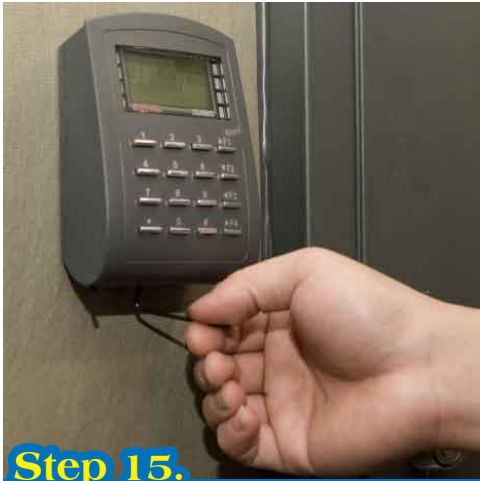
### Step 14.

Connect terminal cables to controller.



### Step 15.

Attach the body to mounting plate and assemble the covers by the Allen key and screws.



### Step 15.



### Step 16.

Turn on the power for testing and then add new card under programming mode.