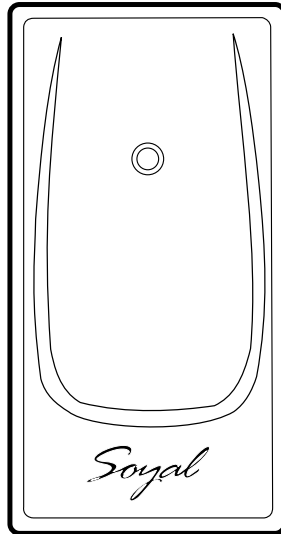


RFID Multi Functional Access Controller(H Series)



1. Product Features

- Optional 125KHz or 13.56MHz frequency,HB: 125KHz induction frequency / HD: 13.56MHz induction frequency
- Works standalone and networking (included communication encryption) with multiple working mode
- Mini access controller that support 1024 user capacity, works indoor and outdoor installation with epoxy waterproof
- Support Keyless Editing feature for quickly add or delete user capacity

2. Application

- SOYAL Access Control and Attendance

▶ [SOYAL Access Related Function](#)

▶ [Access Control Basic Terminology such as multi-door, single-door, all-in one control and separate control](#)

3. How to Order

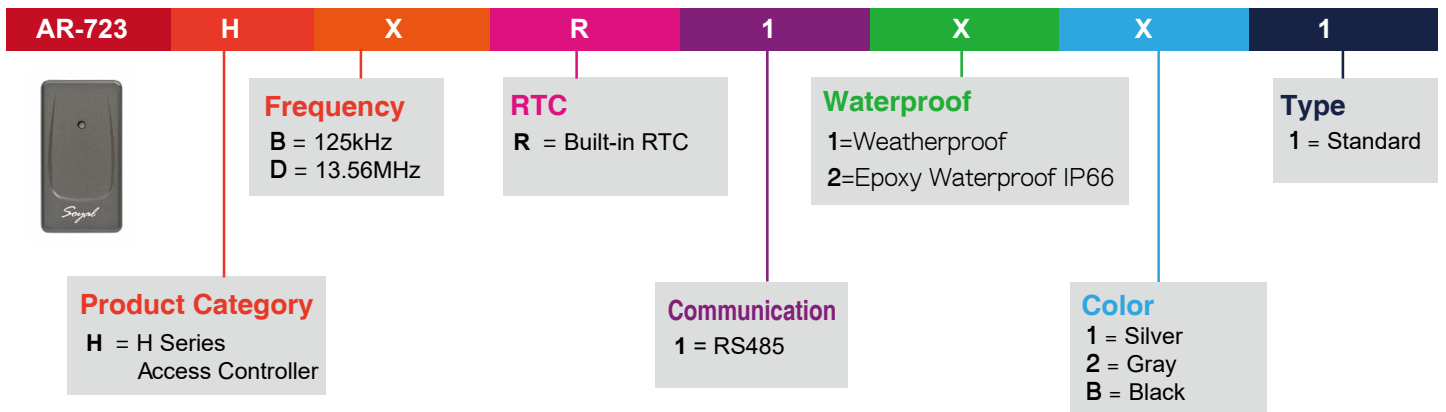


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01. Command List

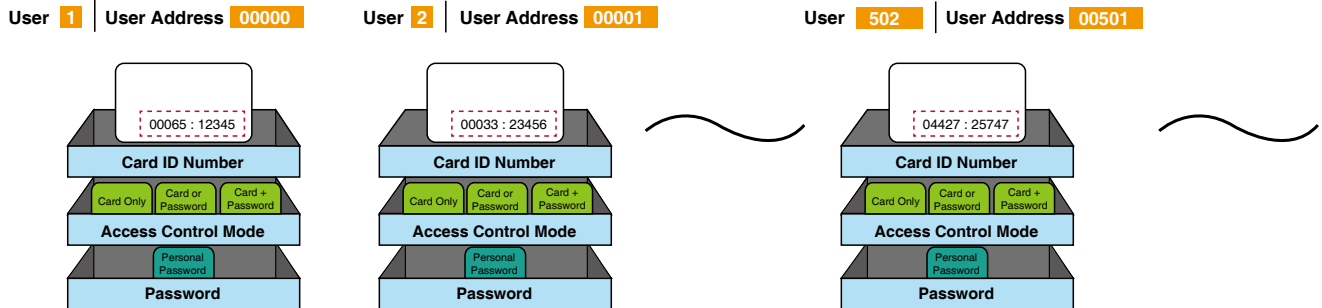
| | Function | Command | Description |
|--|---|---|---|
| Master Code Setting | Enter program mode | * P P P P P P # | PPPPPP =Master Code, default value= 123456 |
| | Master code setting | 09 * P P P P P P R R R R R R # | PPPPPP =6-digit new master code RRRRRR =Reconfirm the new master code |
| Card Setting Commands | Suspend tag | 10 * S S S S S * E E E E E # | * =Suspend 9 =Delete; SSSSS =Starting User Address ; EEEE =Ending User Address |
| | Delete tag | 10 * S S S S S 9 E E E E E # | EEEE =Ending User Address |
| | Add a batch of sequential cards by inputting card number (M6) | 11 * S S S S S * E E E E E # | SSSSS =Starting card number EEEE =Ending card number |
| | Recover the suspended cards(M4/M8) | 11 * S S S S S * E E E E E # | SSSSS =Starting card number ; EEEE =Ending card number |
| | Card number modification(M4/M8) | 16 * U U U U U * S S S S S C C C C C # | UUUUU = User Address; SSSSS =5-digit site code; CCCC = 5-digit card code (Refer to ※Note 1) |
| | Add card by presenting(M4/M8) | 19 * U U U U U * Q Q Q Q Q # | UUUUU =User Address; QQQQQ =Card quantity (00001: for adding a single card or a batch of random numbering cards) (Refer to ※Note 1) |
| | Add/Delete tag by presenting(M6) | 22 * N # | N =0(Delete tag); N =1(Add tag) |
| | Delete all tags | 29 * 29 * # | |
| | Enable/Disable Door open for any Tag | 0 # | After enabling Door Open For Any Tag, all cards in same frequency as controller can pass directly. |
| Additional Card Function Setting | Mifare tag / card format (Optional) (M4/M8) | 01 * N # | N :0=ISO14443A ; 1=ISO14443B 2=ISO15693 ; 3=I Code1 ; 4=I Code2 PS.1. Please select the transmission standard first. 2. Ensure both reader and card using the same transmission standard. |
| | Administrator Card setting (M4/M8) | 07 * S S S S S * E E E E E # (07 * Starting User Address * Ending User Address #) | SSSSS-EEEE =00000-00255 (Administrator Card can enter the program mode after present the card and press # in 3 seconds, also can exit program mode by present the card.) |
| | Enable the security trigger signal (with AR-721RB) | 34 * ??? # | Change the "Arming" to the security trigger signal, when controller is connected with AR-721RB. Please refer to Compound Command Function List for details. |
| Access Mode Setting | Control mode setting | 04 * N # | N =4: M4; N =6: M6; N =8: M8 |
| | Card or PIN (M4/M8) Modify the PIN with user address, change the pass mode into Card or PIN | 12 * U U U U U * ??? # | Pass by Card or PIN; UUUUU =User Address; ??? =4-digit PIN (0001~9999); 0000=Set as card only (Refer to ※Note 1) |
| | Card and PIN (M4/M8) Modify the PIN with user address, change the pass mode into Card and PIN | 13 * U U U U U * ??? # | Pass by Card and PIN; UUUUU =User Address; ??? =4-digit PIN (0000~9999) (Refer to ※Note 1) |
| | Card or PIN(M6) Set up the mutual PIN in Card or PIN mode | 15 * ??? # | ??? =4-digit PIN(0001~9999 ; default value=4321) |
| | Card and PIN(M6) Set up the mutual PIN in Card and PIN mode | 17 * ??? # | ??? =4-digit PIN(0001~9999 ; default value=1234) 0000= Set as card only |
| Arming /Duess Function Setting (M4/M8 applicable , but not M6) | Setting duress PWD(M4/M8) | 15 * ??? # | ??? =4-digit PIN(0001~9999 ; default value=4321) ※The Duress Code 0000 means that disable Duress Function and the default value is set as 0000 already. |
| | Setting arming PWD(M4/M8) | 17 * ??? # | ??? =4-digit PIN(0001~9999 ; default value=1234) |
| Node ID Setting | Node ID setting (Connected to 716E)(M4/M8) | 00 * N N N # | NNN =Node ID of Access Controller (range: 001~016) |
| | Node ID setting (Connected to the PC directly without 716E) (M4/M8) | 00 * N N N * V V V * n n n # | NNN =Node ID of Access Controller (range: 001~254) VVV =Virtual 716E Node ID, nnn =Door number range:001~254) |

| | Function | Command | Description |
|---|---|---|---|
| Time /Delay Setting | Door Relay Time setting | 02 * TTT # | TTT=Door relay time 000= Output continuously 001~600=1~600 sec. 601~609=0.1~0.9 sec. |
| | Alarm Relay Time setting | 03 * TTT # | TTT=Alarm relay time 000= Output continuously 001~600=1~600 sec. |
| | Arming Delay Time setting | 05 * TTT # | TTT=the buffer time before entering arming mode 001~600=1~600 sec. |
| | Alarm Delay Time setting | 06 * TTT # | TTT=the buffer time before the alarm is activated 001~600=1~600 sec. |
| | Arming Pulse Time setting | 14 * TTT # | TTT=Arming output time; 000=output continuously 001~250=0.1~2.5 sec. |
| | Door Close Time | 18 * TTT # | TTT=Door Close Time: 001~600=1~600 sec.; default value: 15 sec. |
| | Controller time clock setting | 25 * YYMMDDHHmmss # | YYMMDDHHmmss=Year/ Month/ Day/ Hour/ Min./ Sec. |
| | Same tag reading interval time | 31 * TTTT # | TTTT=10~6000 (Base on 10ms, range from 10 to 6000; default value: 1 sec. : 0100) |
| Controller Additional Function Setting | Reader additional setting | 20 * ??? # | Please refer to Compound Command Function List for details. |
| | Controller parameter setting | 24 * ??? # | |
| | Dual-door Control / Force Open Alarm | 28 * ??? # | |
| | Auto-open time zone setting | 08 * N * HHMMhhmm * 7123456H # | N= 0 (1st time zone) / 1 (2nd time zone) HHMM= Starting time; hhmm= ending time (i.e.: 08301600=08:30 to 16:00) 7123456H= 7 days of week (Sun/Mon/Tue/Wed/Thu/ Fri/Sat)+ Holiday(H= 0: disable; 1: enable); Holidays can be set by 701Client software. |
| | Anti-pass-back (Enable user) | 26 * SSSSS * EEEEE * N # | SSSSS=Starting User Address; EEEEEE=Ending User Address; N=0: Enable; N=1: Disable; N=2: Reset |
| Enable/Disable keypad lock | * # (simultaneously) | After enabling keypad lock function, press any button will only has two beeps and no reaction. Disable the keypad lock function will bring controller keypad function back to normal. (only Keypad Controllers have this function ex. AR-721-H; Touch Keypad Controllers do not have this function ex. AR-725-H) | |
| Lift Control Setting | Controller parameter setting | 24 * 002 # | |
| | Lift control setting: multi-floor(M4/M8) | 21 * UUUUU * S * FFFFFFFF # | UUUUU=User Address, S=4 sets of lift control (0~3); FFFFFFF=8 assigned floor(F=0: Disable, 1: Enable) |
| | AR-401-IO-0016R Lift Relay Activated TM (M4/M8) | 23 * NNN * TTT # | NNN=site number, TTT= relay time: 000~600=1~600 sec. |
| | Lift control setting: single floor(M4/M8) | 27 * UUUUU * FF # | UUUUU=User Address; FF=Floor (01~32 floor) |
| Exit Program Mode | Exit program mode | * # | |
| | Exit program mode and enter arming mode(M4/M8) | * * # | |

※ More Details : [Introduction of New Function Commands for Enterprise E Controller and Home H Controller](#)

※ Note 1: User Address Description

Each H-Series card reader can store 1,024 (or 3,000) user addresses. Each user must be assigned a dedicated slot, referred to as a "User Address." Before use, a user address must be selected for each user. Each address includes settings such as the Card ID number, Access Control Mode, and Password.



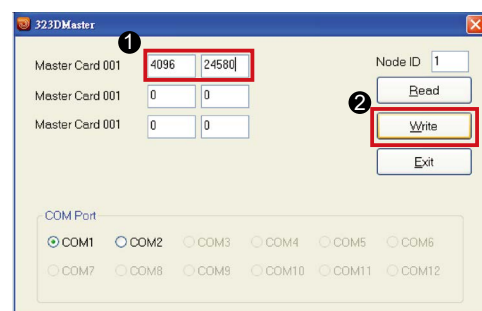
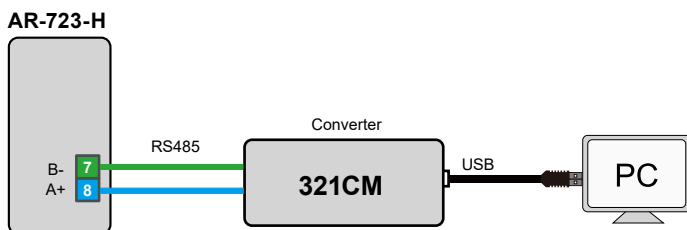
Example :

| User Address | Add card by presenting 19 * UUUUU * QQQQ # | Card number modification 16 * UUUUU * SSSSSCCCC # | Access Control Mode | |
|--------------|---|--|-----------------------------------|------------------------------------|
| | | | Card or PIN 12 * UUUUU * ??? # | Card and PIN 13 * UUUUU * ??? # |
| 00000 | | | | |
| 00001 | 19 * 00001 * 00001 # | 16 * 00001 * 0003323456 # | 12 * 00001 * 1234 # | 13 * 00001 * 1234 # |
| ... | ... | ... | ... | ... |
| 00501 | 19 * 00501 * 00001 # | 16 * 00501 * 0002734567 # | 12 * 00501 * 1234 # | 13 * 00501 * 1234 # |
| ... | ... | ... | ... | ... |

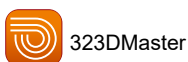
UUUUU = User Address ; QQQQQ = Card quantity (00001: for adding a single card or a batch of random numbering cards) ; SSSSS = 5-digit site code ; CCCCC = 5-digit card code ; ??? = 4-digit PIN (0000~9999)

02. About Master Card

MASTER CARD Setting for Stand-Alone







- Use the MASTER CARD software







- Input the MASTER CARD number, and press [Write].
- Cut off and then transmit the power, the master card number will be activated.
- Present the card, and the reader will flash green light 3 times and sound 3 beeps. Then the card becomes MASTER CARD and accesses programming mode. If MASTER CARD is presented again, it will exit programming mode.

Adding Tag

- 1 Step. 
 - 2 Step.  x3
 - 3 Step. 
 - 4 Step. 
1. Present Master Card
 2. After 3 short beeps [Access programming mode]
 3. Present the new card or cards one by one till finished the adding.
 4. Present Master Card [Exit programming mode]

Deleting All Tags

- 1 Step. 
 - 2 Step.  x3
 - 3 Step.  2sec.
 - 4 Step.  x5
1. Present Master Card
 2. After 3 short beeps [Access programming mode]
 3. 1 long warning beep after 2sec.
 4. 5 short beeps after 5sec: cards cleared
- P.S. Once MASTER CARD is presented after one warning beep, all card data will be cleared.

03. Operation process

A. Enter/ Exit Program Mode

• Enter the program mode

Input *123456 # or *PPPPPP #

[e.g.] The Default Value= 123456, if already changed the Master Code= 876112, input *876112 # → program mode accessed

• Exit the program mode

Input * #

• Master Code modification

Access programming mode → 09 *PPPPPPRRRRR # [Input the 6-digit new master code twice.]

[e.g.] Set the Master code to be 876112, input * 123456 # → 09 * 876112876112 #

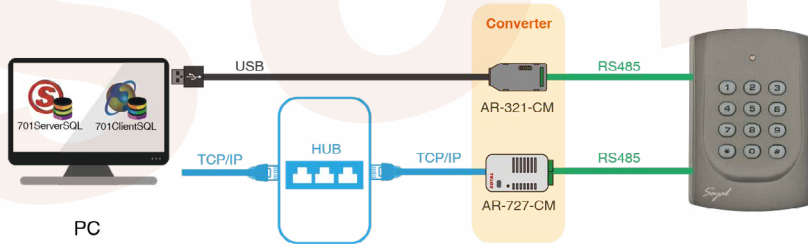
B. Change the Node ID & Door Number of Controller

Do Not Duplicate Station Numbers

The default station number of the controller is 001. Since identical station numbers cannot exist on the same network, please assign a unique station number to each controller before connecting.

The station number and door number are default set to 001, and there are two ways to configure them:

• Directly connect controller to PC (without going through multi door controllers)



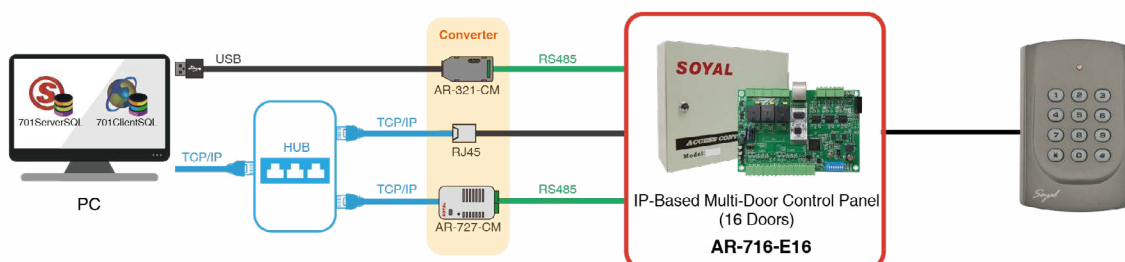
When changing the controller station number, the door number will be automatically set to match the station number.

Enter program mode → 00 * NNN # [NNN = Node ID, setting range 001~254]

[e.g.] Controller Node ID and Door Number are both set to 3. Enter program mode → 00 * 003 #

※ If the customer needs to set a passage door name for each door and display it in the 701ClientSQL software, it is necessary to set the door number for each controller. In this case, the door number and station number are independent parameters. Please refer to the FAQ for the modification process : [How to setup the door number of controller and reader in different configurations?](#)

• Controller connect to multi-door control panel



When connected to a multi-door controller such as AR-716-E16 or AR-716-E18, the station number is fixed to 1-16. When you change the controller's station number, it will automatically set the door number to be consistent with the station number.

Enter program mode → 00 * NNN # [NNN=Node ID, setting range 001~016]

[e.g.] Controller Node ID and Door Number are both set to 3. · Enter program mode → 00 * 003 #

※ Door number settings are primarily configured through the multi-door controller parameter settings screen. Please refer to the relevant documentation for the configuration process : [AR-716-E16 Manual](#)

※ If the customer needs to set a passage door name for each door and display it in the 701ClientSQL software, it is necessary to set the door number for each controller. In this case, the door number and station number are independent parameters. Please refer to the FAQ for the modification process : [How to setup the door number of controller and reader in different configurations?](#)

C. Set up the password [Only for connect to external K-series reader]

• M4/M8: Individual pass code

Card or PIN: Access programming mode → 12 * UUUUU * PPPP # [e.g. User address: 00001 and pass code: 1234, input 12 * 00001 * 1234 #]

Card and PIN: Access programming mode → 13 * UUUUU * PPPP # [e.g. User address: 00001 and pass code: 1234, input 13 * 00001 * 1234 #]

• M6: Public pass word

Card or PIN: Access programming mode → 15 * PPPP # [Input 4-digit pass code, default value: 4321]

Card and PIN: Access programming mode → 17 * PPPP # [Input 4-digit pass code, default value: 1234; PPPP=0000: change into Card Only]

D. Lift control

Connect with **AR-401RO16B** to control floors which the user will be able to access.

• Enable

Access programming mode → 24 * 002 # [002= enable lift control]

• Single floor

Access programming mode → 27 * UUUUU * FF #

UUUU=User Address FF=Floor number (01~32 floor)

[e.g.] User address NO. 45, allow to access the 24th floor: 27 * 00045 * 24 #

• Multi floors

Access programming mode → 21 * UUUUU * S * FFFFFFFF #

[UUUUU=User address S: 4 sets of lift control (Input: 0~3) FFFFFFFF: 8 floors setting (F=0=Disable, F=1=Enable)

[e.g.] User address NO. 168, only to the 6th and the 20th floor:

Access programming mode → 21 * 00168 * 0 * 00100000 # → 21 * 00168 * 2 * 00001000 #

| Set | Floor/ Stop | | | | | | | |
|-----|-------------|----|----|----|----|----|----|----|
| | F | F | F | F | F | F | F | F |
| 0 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 |
| 2 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |
| 3 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 |

E. Setting Up the Arming [Only for connect to external K-series reader]

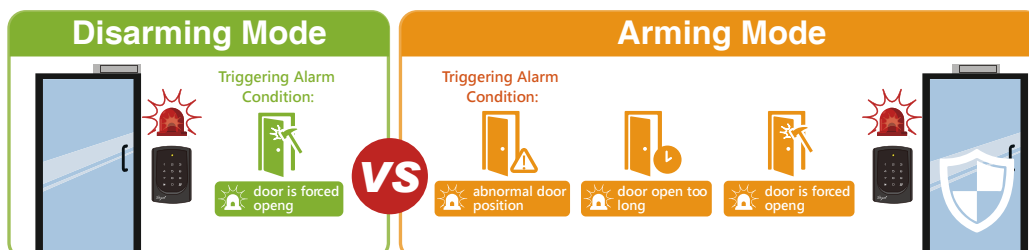
In the security management of access control system, the controller or reader status is divided into Standby Mode or Disarming Mode and Arming Mode. The conditions for triggering the alarm in these two modes is different, as shown in the following comparison:

• Alarm triggering condition of Disarming Mode:

1. Forced open

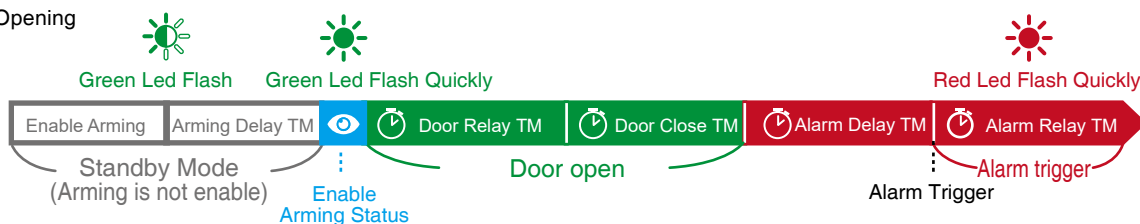
• Alarm triggering condition of Arming Mode:

1. **The door sensor input is open-circuit:**
Occurs when the door contact is disconnected at startup or the door is not fully closed, and the controller is in an armed state.
2. **Exceed max. open time:** Door is opened exceeding door maximum open time limit plus door close time.
3. **Forced open:** Access by force or illegal procedure, rather than valid card, PIN or biometric recognition.

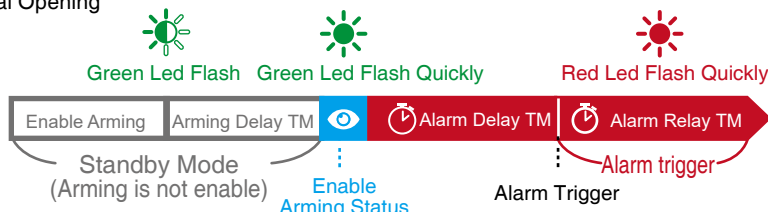


• Arming Setting and Alarm Trigger Procedure :

1.Normal Opening



2.Abnormal Opening



• Enable/Disable Arming status (for M4/M8):

| Enter Programming Mode | |
|--------------------------------------|-------|
| Enable: Enter program mode → | * * # |
| Disable: Enter program mode → | * # |

| |
|---|
| Without Enter Programming Mode (Standby Mode): Enter Arming Code (default value of arming PWD is: # 4) |
| After door open : The normal procedure to open door → Input 4-digit arming PWD → |
| Do not open the door : * → Input 4-digit arming PWD → Present a valid card |

- ※ [The normal procedure to open door] can refer to [Access Mode].
- ※ Read the [Command List-Arming /Duress Function Setting] below to modify arming PWD.
- ※ M6 is Standalone Mode, the mode is without Arming /Duress Function.

More Details:

- [SOYAL Security Related Function](#)

04. Mode4 / Mode6 / Mode8

| Mode | Networking/ Stand-Alone | User Capacity | Access Mode | Auto-show Duty time | Event log Capacity | 120 Holidays | Anti force | Time Zone | Lift Control | Anti-pass-back |
|------|-------------------------|---------------|--|---------------------|--------------------|--------------|------------|-----------|--------------|----------------|
| M4 | Networking/ Stand-Alone | 1,024 | 1.Card only 2.Card and PIN (4-digit PIN)+ # 3.Card or User address (5-digit) + Individual PIN (4-digit individual PIN) + # | Yes | 1,200 | Yes | Yes | No | 32 | Yes |
| M6 | Stand-Alone | 65,535 | 1.Card only 2.Card and PIN (4-digit public PIN= Arming PWD)+ # 3.Card or PIN (4-digit public PIN= Duress code) | No | No | No | No | No | No | No |
| M8 | Networking/ Stand-Alone | 1,024 | 1.Card only 2.Card and PIN (4-digit individual PIN)+ # 3.Card or PIN (4-digit individual PIN) | Yes | 1,200 | Yes | Yes | No | 32 | Yes |

- ※ **M6:** the user capacity can be 65535 because it only reads 5-digits **CARD CODE**, while in **M4/M8** it reads both **SITE CODE** and **CARD CODE**(10 digits).
- ※ **Mode 6,** the number of users up to 65535, since it reads **CARD CODE**(5 digits) only, unlike that Mode4/Mode8 read **SITE CODE** and **CARD CODE**(10 digits). **If Access Mode setting to use the PIN,** it need to external the K-series Readers.
- ※ Default Card UID Length is 4 (Could not change by command and only be able to change by customized firmware)

Set up M4/M6/M8

Enter program mode → 04 * N # [N=4/6/8]

(Note : The modification of controller mode between M4/M8(networking) and M6(standalone) will reset the data, user data will be required to rebuild.)

The default value of access function of M6 is Card and PIN, it will have 3 beeps for hinting you input PIN number after card presentation. Access function modification please refer the table below:

| Access Mode | Command | Description |
|--------------|-------------------------|--|
| Card and PIN | 17 * ???? # 15 * 0000 # | ????=4-digit PIN(0001~9999 ; default value=1234) |
| Card only | 17 * 0000 # 15 * 0000 # | |
| Card or PIN | 17 * 0000 # 15 * ???? # | ????=4-digit PIN(0001~9999 ; default value=4321) |

05. Compound Command Function List

Weighted Value Manual :

Step 1:

Select the "Function" that you need for each Compound Command category (20 *, 24 *, etc)



Step 2:

"Selection" of the function that you need is either have 0 or 1 value.

Step 3:

Subtract the "Value" of each Option with Selection.
Function = [0(deactive)*Value] ; [1(activate)*Value]



Step 4:

Add up all of the Function per Compound Command (20 *, 24 *, etc)

20 * ??? # ※Default Value

| Function | Selection | | Value | Application |
|------------------------------|-------------|------------|-------|------------------------|
| Attendance | ※0: Yes | 1: No | 001 | Networking |
| Auto Re-lock | ※0: Disable | 1: Enable | 002 | Networking/Stand-Alone |
| Auto Open | ※0: Disable | 1: Enable | 004 | Networking/Stand-Alone |
| Door open button input | 0: Disable | ※1: Enable | 016 | Networking/Stand-Alone |
| Master Controller of Network | ※0: Slave | 1: Mater | 032 | Networking |

Selection= 0(none value)/ 1(1 x each value)

[e.g.] ??? value of Enable "Auto Open" + "Exit by Push Button" + "Anti-pass-back"

=(0x1)+(0x2)+(1x4)+(1x16)+(0x32)+(0x64)+(1x128)=148 ; As a result of that, the command will be 20 * 148 #

24 * ??? # ※Default Value

| Function | Selection | | Value | Application |
|--|------------------|-----------------|-------|------------------------|
| Auto-open door without cards at auto open zone | ※0: Disable | 1: Enable | 001 | Networking/Stand-Alone |
| Alarm Output/ Lift Control | ※0: Alarm Output | 1: Lift Control | 002 | Networking/Stand-Alone |
| ⓄEnable swipe any tags to release door open | ※0: Disable | 1: Enable | 032 | Networking/Stand-Alone |
| Stop Alarm by door close or by push button | 0: None | ※ 1: Yes | 064 | Networking/Stand-Alone |

28 * ??? # ※Default Value

| Function | Selection | | Value | Application |
|-------------------------|-------------|-----------|-------|------------------------|
| Dual Door Control | ※0: Disable | 1: Enable | 064 | Networking/Stand-Alone |
| Force Open Alarm Output | ※0: Disable | 1: Enable | 128 | Networking/Stand-Alone |

34 * ??? # ※Default Value

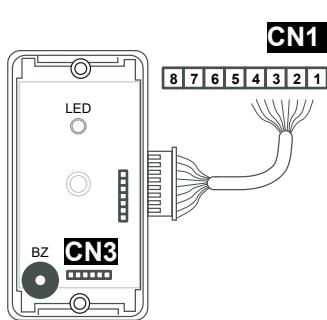
| Function | Selection | | Value | Application |
|--|----------------|-------------|-------|-----------------------|
| Enable the RF after door sensor closed to GND | ※0: Deactivate | 1: Activate | 001 | Networking/Standalone |
| Invalid card to activate alarm relay | ※0: Deactivate | 1: Activate | 002 | Networking/Standalone |
| Turn off all sounds of beeper | ※0: Deactivate | 1: Activate | 003 | Networking/Standalone |
| Mute the sounds of egress button (RTE) | ※0: Deactivate | 1: Activate | 004 | Networking/Standalone |
| Reserved | ※0: Deactivate | 1: Activate | 016 | Networking/Standalone |
| Keep beeping while arming is enabled | ※0: Deactivate | 1: Activate | 032 | Networking/Standalone |
| Door relay connected to AR-721RB (suited to models without relay built-in) | ※0: Deactivate | 1: Activate | 064 | Networking/Standalone |
| Arm relay connected to AR-721RB (suited to models with relay built-in) | ※0: Deactivate | 1: Activate | 128 | Networking/Standalone |

06. Factory Reset

| Reset User Data | Reset User Data & Controller Parameter (incl. Master Code) | Reset User Data & Controller Parameter (incl. Master Code) & Reset Parameter Setting- SOR |
|--|--|---|
| Enter program mode →29 * 29 * # → Exit the programming mode | Enter program mode →29 * 20 * # → Exit the programming mode | Enter program mode →29 * 21 * # → Exit the programming mode |

※ If forgotten the current Master Code, Reset through software tools is required. Please refer to the FAQ for more detail : [How to change or reset different kinds of Controller Settings, including Master Code, Parameter Setting and User Data?](#)

07. Connector Table



CN1
Networking: 8 PIN

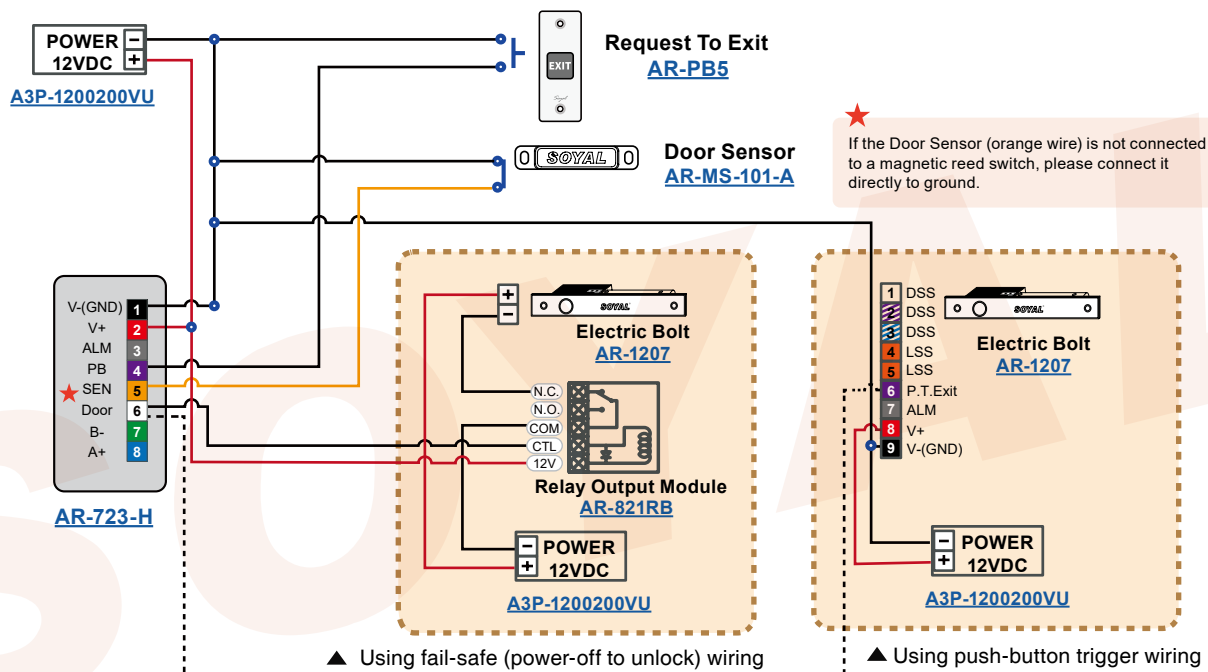
| Application | Wire | Color | Description |
|-------------|------|--------|---|
| Power | 1 | Black | DC 0V (GND) |
| | 2 | Red | DC 9-24V |
| Alarm Relay | 3 | Gray | Open collector output (Special Version: Brown) |
| R.T.E | 4 | Purple | Negative Trigger Input |
| Door Sensor | 5 | Orange | Negative Trigger Input |
| Lock Relay | 6 | White | Lock GND (Can wire relay output module externally or wire to electric bolt lock AR-1207's P.T.Exit) |
| | 7 | Green | RS-485 B- |
| RS-485 | 8 | Blue | RS-485 A+ |

CN3
WG-READER or KEYBOARD Socket

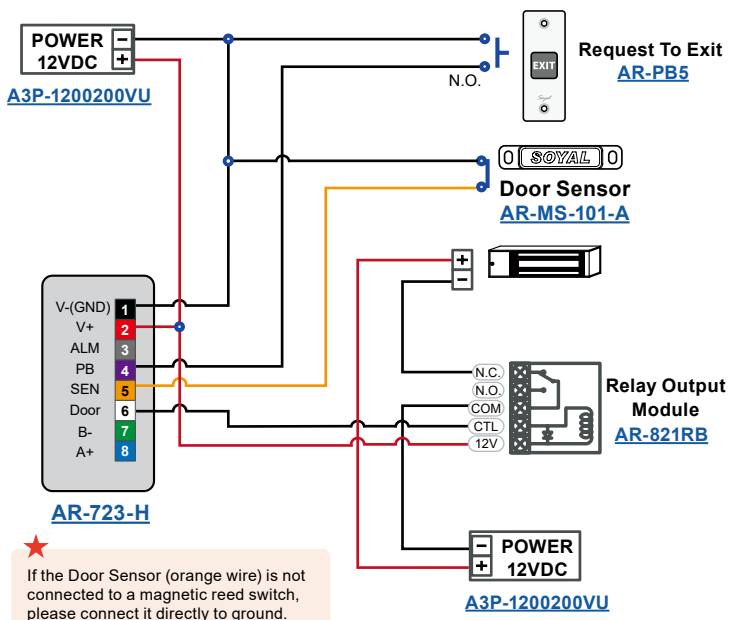
| Application | Wire | Color | Description |
|-------------|------|-------|-------------|
| | 1 | | |
| | 2 | | |
| | 3 | | |
| WG | 4 | Blue | WG DATA 1 |
| | 5 | Green | WG DATA 0 |
| Power | 6 | Red | DC 9-24V |
| | 7 | Black | DC 0V (GND) |

08. Diagram

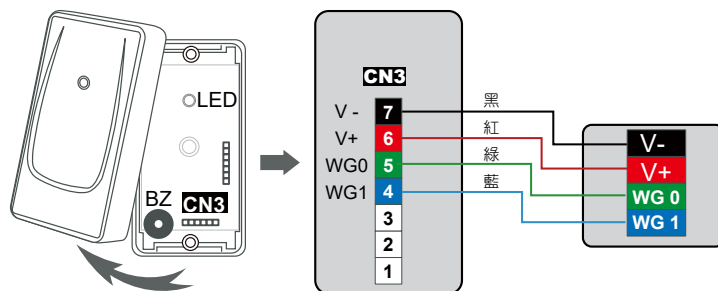
Connect to Electric Bolt



Connect to Magnetic Lock

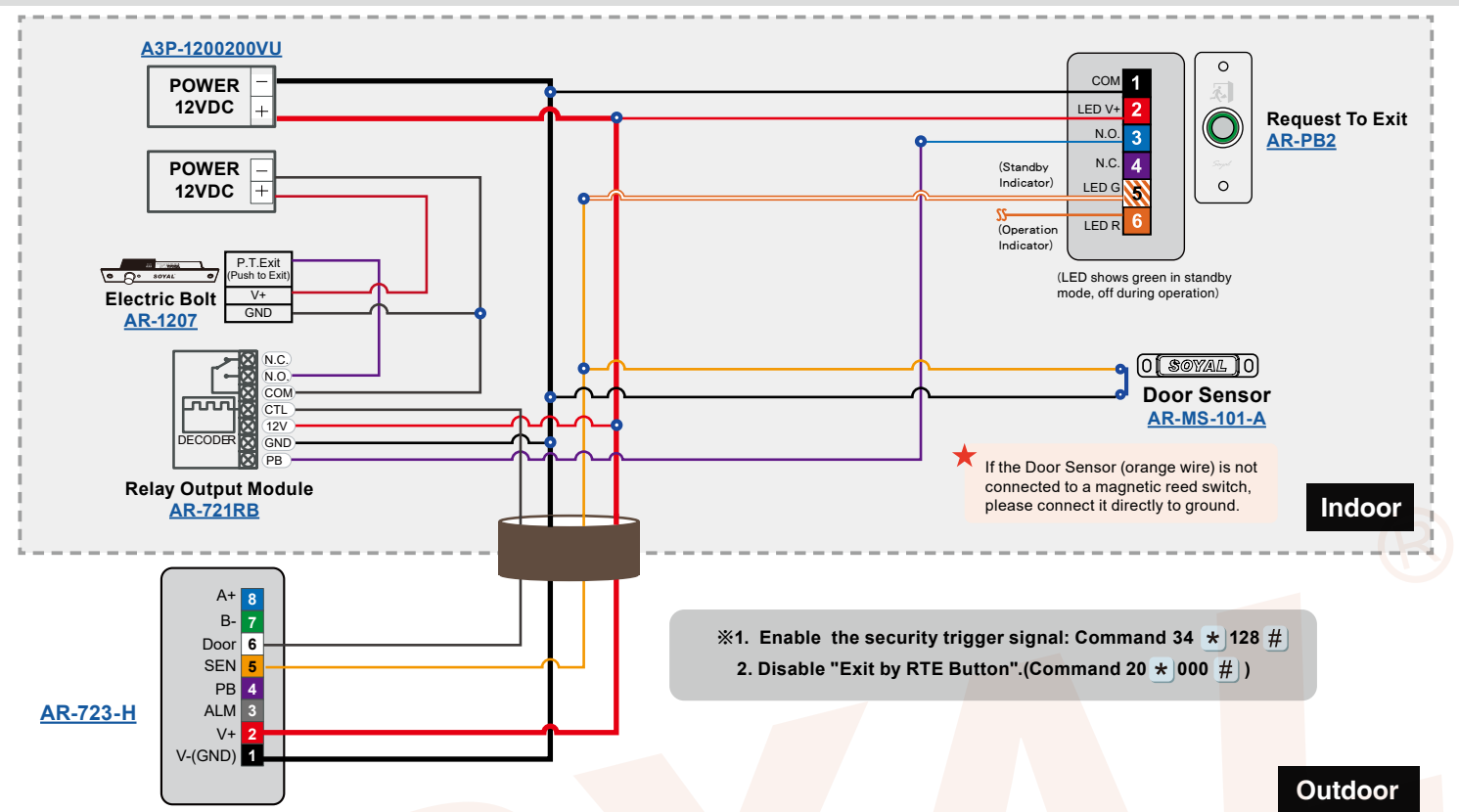


Connect to Reader or Keyboard



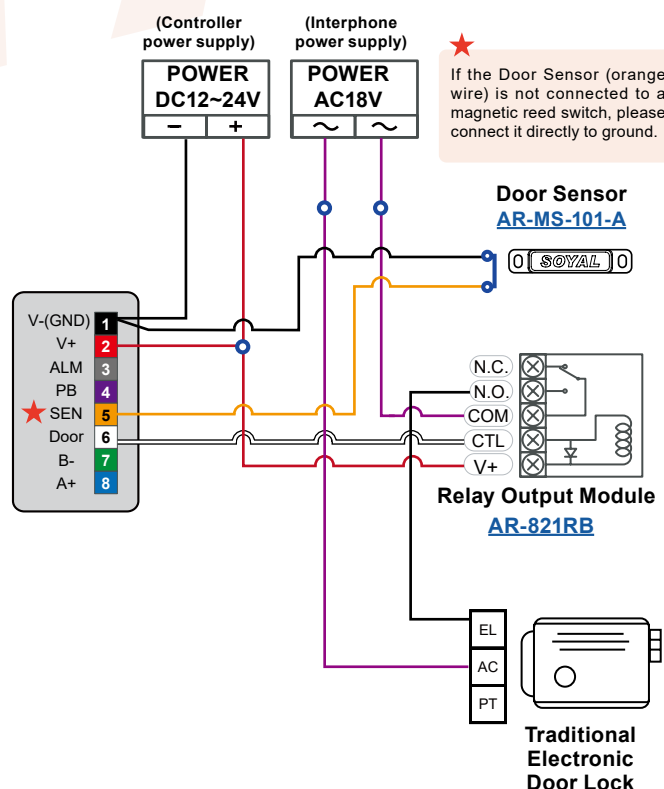
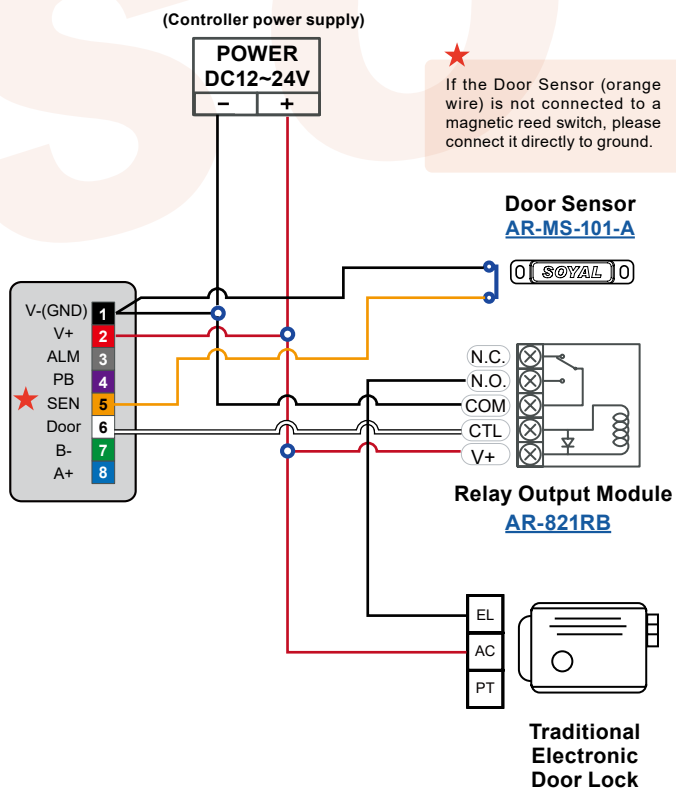
※ Please unload the cover before plug in AR-WGKEYBOARD.

Uses digital signal to release the electric lock for enhanced safety. [AR-721RB requires direct connection to the electric lock.]



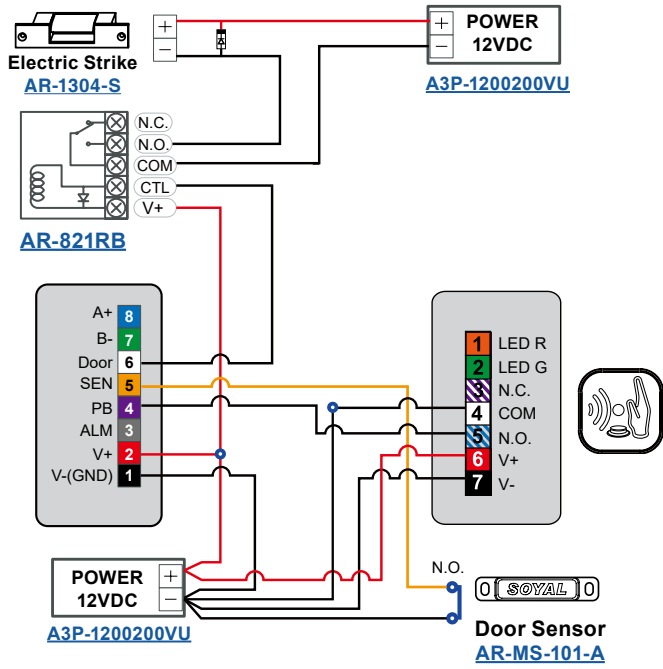
Traditional Electronic Door Lock wiring diagram adopted with controller power supply

Traditional Electronic Door Lock wiring diagram adopted with interphone power supply

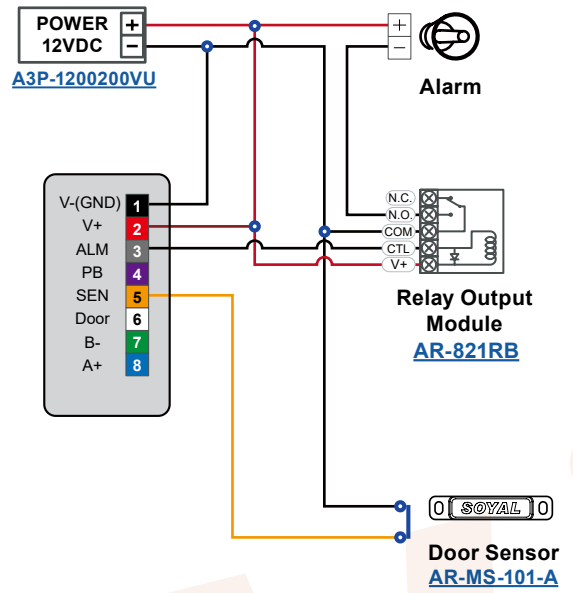


※ This wiring diagram function is required to setup Door Relay Time in 1 sec, please refer to 02 * TTT # command.

Connect to Electric Strike



Connect to Door Sensor and Alarm



SOYAL

09. Installation Procedure

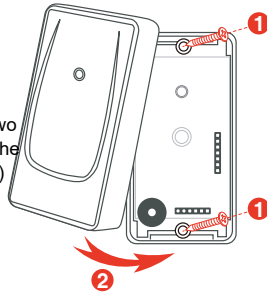
Installation Procedure:

Step1.

Install the main body to the wall by two screws (The screws are included in the product and need to be found locally)

Step2.

Snap the front housing to the main body to complete the installation.



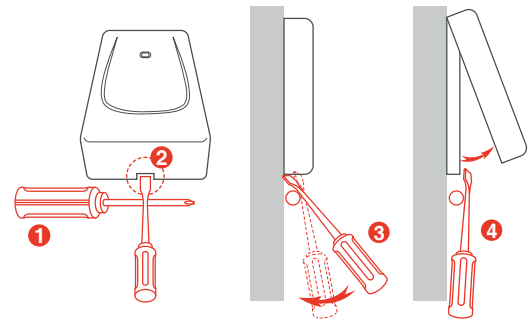
Disassembly Tips:

Step1. Place the screwdriver horizontally under the device

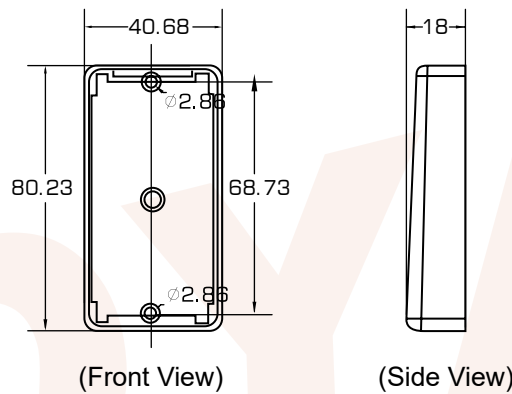
Step2. Put the flat-blade screwdriver vertically above Step1, and align the front end of flat-blade screwdriver into the groove under the device.

Step3. Press the flat-blade screwdriver hardly toward the wall

Step4. The front housing is successfully removed



10. Installation(mm)



11. Specification

- RF Reading Range : 5-12 cm (125Khz) / 2-8 cm(13.56Mhz)
- DI : Egress / Door Status
- Open Collect Output : Door Lock Output (share same terminal with Security trigger signal Output) / Arming Output / Duress Output / Alarm Output
- Power Voltage : 9-24VDC
- Power Consumption : <3W
- Housing Material : ABS
- Color : Black, Gray, Silver
- Dimension (mm) : 81(H)X43(W)X18(D)
- Net Weight(g) : 約40

12. Feature

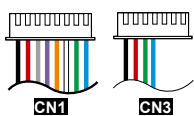
- Slim design makes installation easy
- MASTER CARD for adding / deleting tags
- Set up parameters and user tags by external WG Keyboard
- Built-in security digital opening signal
- Built-in Watchdog to prevent from hanging up

13. Content

1 Product



2 Terminal Cables



3 Optional



OR

