
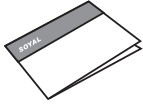




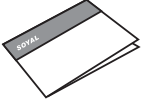




Contents

AR-321H [Metal Case]

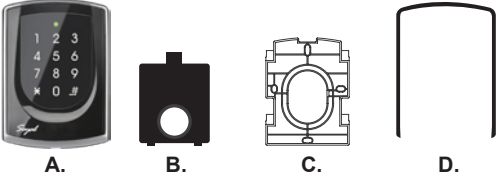
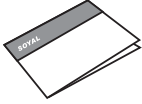
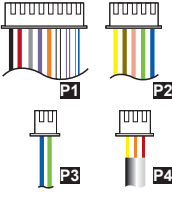
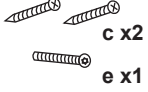
- 1 Product

- 2 User Guide

- 3 Terminal Cables

- 4 Tools

- 5 Water proof Strip


AR-721H

- 1 Product

- 2 User Guide

- 3 Terminal Cables

- 4 Tools


AR-725H [Illuminated Touch-panel]

AR-725H-M

- 1 Products

- 2 User Guide

- 3 Terminal Cables

- 4 Tools


AR-725H

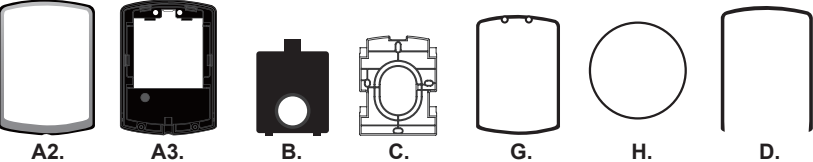
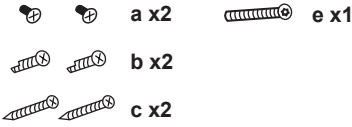
- 1 Products

- 2 User Guide


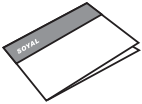
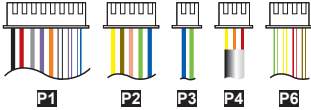

- 3 Terminal Cables

- 4 Tools








AR-725X

- 1 Products

- 2 Tools


AR-757H

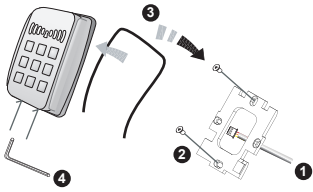
- 1 Product

- 2 User Guide

- 3 Terminal Cables

- 4 Tools


Parts Description

- a.  Button Head Pozidriv Tapping Screw: M3x10
- b.  Button Head Pozidriv Slotting Screw: 2.5x10
- c.  Flat Head Cap Philips Tapping Screw: 4x19.1
- d.  Flat Head Cap Philips Tapping Screw: 4x38
- e.  Security Torx Screw: M3.5x15
- f.  Flat Head Hex Socket Screw: M3x8

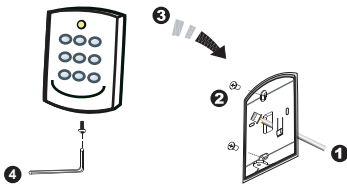
Installation

AR-321H [Metal Case]



- Pull the cables from the square hole of the mounting plate.
- Use a screwdriver to screw the mounting plate onto the wall.
- Attach the water proof strip to the body, then connect the terminal cables to the body and attach the body to the mounting plate.
- Use the Allen key and screws (accessories supplied) to assemble the body onto the mounting plate.
- Turn on the power, and LED will light and beep will sound.

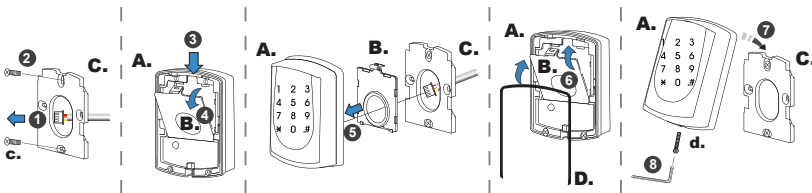
AR-721H



- Pull the cables from the square hole of the mounting plate.
- Use a screwdriver to screw the base onto the wall.
- Connect the terminal cables to the body and attach the body to the mounting plate.
- Assemble the covers with the Allen key and screws (accessories supplied).
- Turn on the power and LED will light and beep will sound.

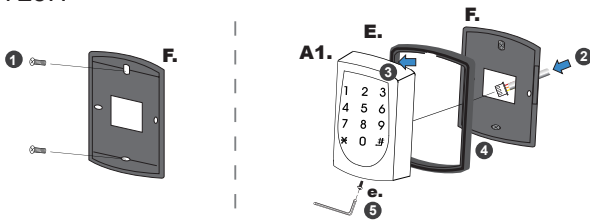
AR-725H [Illuminated Touch-panel]

AR-725H-M



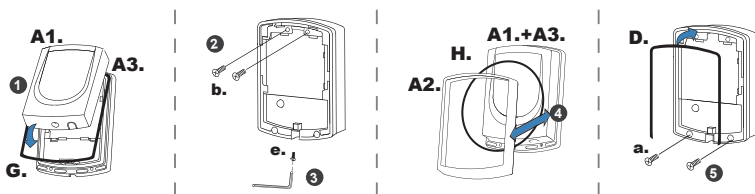
- Pull the cables from the square access hole of the mounting plate C.
- Use a screwdriver to screw the metal plate C onto the wall.
- Take off the plastic mounting plate B from the body A, and pull the cables through the access hole of C and B, then connect to the body A.
- Assemble plate B with the body A, and embed the water proof strip D onto the plastic side frame.
- Assemble the body A onto the mounting plate C with the Allen key and screws (accessories supplied).
- Turn on the power and LED will light and beep will sound.

AR-725H



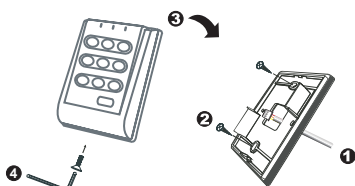
- Use a screwdriver to screw the base F onto the wall.
- Attach the water proof gasket to the body A1, and pull the cables from the square hole of the base F, and connect to the body A1.
- Assemble the body A1 with the base F.
- Screw A1 and F tight with the Allen key and screws (accessories supplied).
- Turn on the power and LED will light and beep will sound.

AR-725X



- Put on G, and attach A1 onto the plastic plate A3, and screw it with the Allen key and screws (accessories supplied).
- Put the ring O on the metal frame, and put them together onto the reader A1+A3, and screw them and buckle up the 4 buckles on the back.
- Embed the water proof strip D onto the frame side of the base.
- Following by the install process of AR-725H-M.

AR-757H



- Pull the cables from the square hole of the mounting plate.
- Use a screwdriver to screw the base onto the wall.
- Connect the terminal cables to the body and attach the body to the mounting plate.
- Assemble the covers with the Allen key and screws (accessories supplied).
- Turn on the power and LED will light and beep will sound.

Notice

1.Tubing: The communication wires and power line should NOT be bound in the same conduit or tubing.

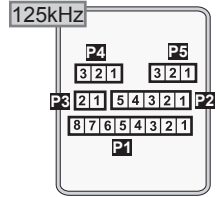
2.Wire selection: Use AWG 22-24 Shielded Twist Pair to avoid star wiring.

3.Power supply: Don't equip reader and lock with the same power supply. The power for reader may be unstable when the lock is activating, that may make the reader malfunction.

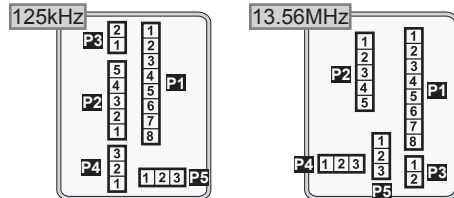
The standard installation: Door relay and lock use the same power supply, and reader use independent power supply.

Connector Table

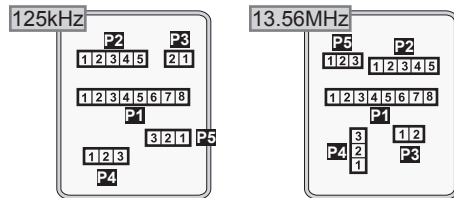
AR-321H [Metal Case]



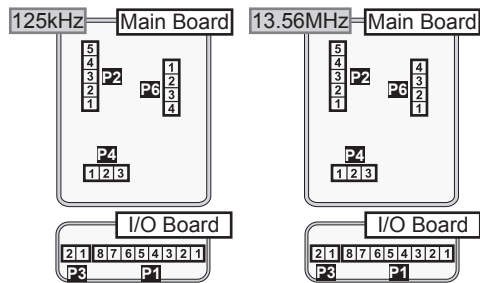
AR-721H



AR-725H [Illuminated Touch-panel]



AR-757H



Connectors Comparison

| | | |
|---------|----------|---------------------------|
| AR-321H | 125kHz | P1 P2 P3 P4 (P5 Optional) |
| AR-721H | 125kHz | P1 P2 P3 P4 (P5 Optional) |
| | 13.56MHz | P1 P2 P3 P4 (P5 Optional) |
| AR-725H | 125kHz | P1 P2 P3 P4 (P5 Optional) |
| | 13.56MHz | P1 P2 P3 P4 (P5 Optional) |
| AR-757H | 125kHz | P1 P2 P3 P4 P6 |
| | 13.56MHz | P1 P2 P3 P4 P6 |

Cable: P1

| Wire Application | Pin | Color | Description |
|------------------|-----|--------------|---|
| Door Relay | 1 | Blue White | (N.O.) DC24V1Amp |
| | 2 | Purple White | (N.C.) DC24V1Amp |
| Common-COM-Point | 3 | White | (COM) DC24V1Amp |
| Door Sensor | 4 | Orange | Negative Trigger Input |
| Exit Switch | 5 | Purple | Negative Trigger Input |
| Alarm | 6 | Gray | N.O. or N.C. shift by JP1 jumper and Shared Com with Door Relay |
| RelayPower | 7 | Thick Red | DC Power 12V |
| | 8 | Thick Black | DC Power 0V |

Cable: P2

| Wire Application | Pin | Color | Description |
|------------------|-----|------------|-------------------------------|
| Wiegand | 1 | Thin Blue | Wiegand DAT:1 Input |
| | 2 | Thin Green | Wiegand DAT:0 Input |
| Beeper | 3 | Pink | Beeper Output 5V/100mA, Low |
| LED | 4 | Brown | LED Green Output 5V/20mA, Max |
| | 5 | Yellow | LED Red Output 5V/20mA, Max |

Cable: P3

| Wire Application | Pin | Color | Description |
|------------------|-----|-------------|-------------|
| Networking | 1 | Thick Green | RS-485(B-) |
| Module | 2 | Thick Blue | RS-485(A+) |

Cable: P4 Contact Rating: 1A 125VAC/24VDC

| Wire Application | Pin | Color | Description |
|------------------|-----|--------|-------------|
| Tamper Switch | 1 | Red | N.C. |
| | 2 | Orange | COM |
| | 3 | Yellow | N.O. |

※After S/N: 0706-XXXXXX

Cable: P5 (Optional)

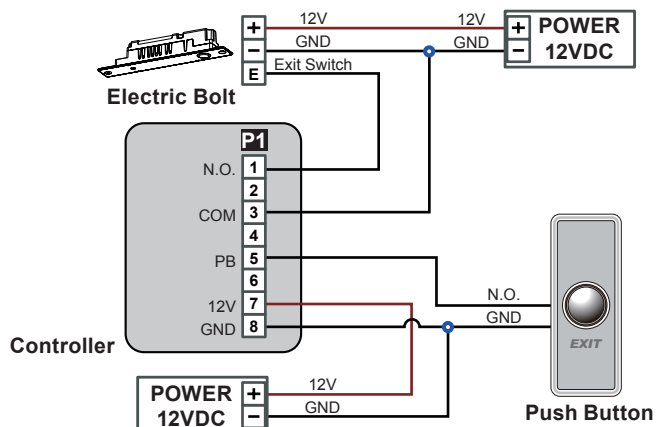
| Wire Application | Pin | Color | Description |
|------------------|-----|--------|-------------|
| 3-PIN Connector | 1 | Black | GND. |
| | 2 | White | Duress |
| | 3 | Purple | Arming |

Cable: P6

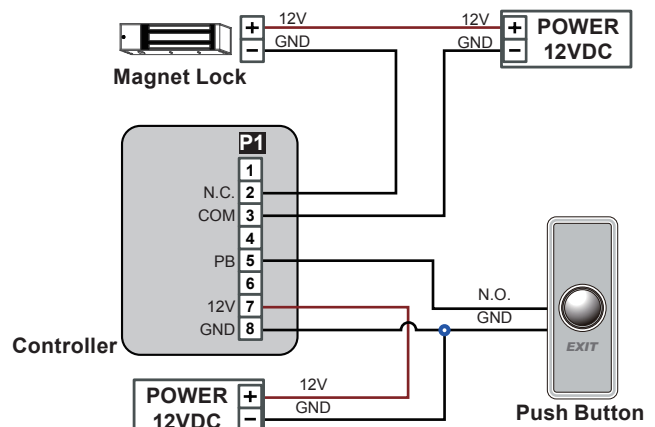
| Wire Application | Pin | Color | Description |
|------------------|-----|--------------|--------------------------------|
| Door bell | 1 | Brown White | BE Output |
| Arming | 2 | Red White | AR Output |
| Duress | 3 | Yellow White | DU Output/ TTL out |
| LED indicator | 4 | Green White | Hi input/ Green light brighten |

Wiring Diagram

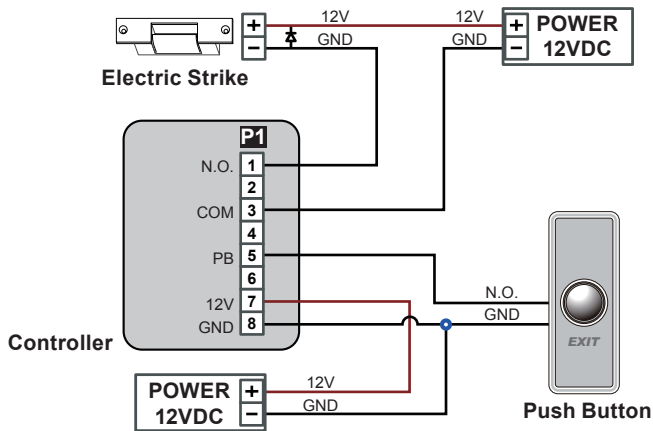
Connector to Electric Bolt



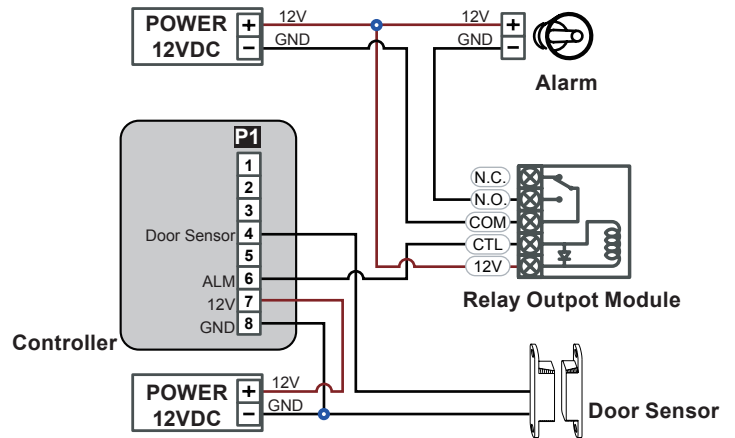
Connector to Magnet Lock



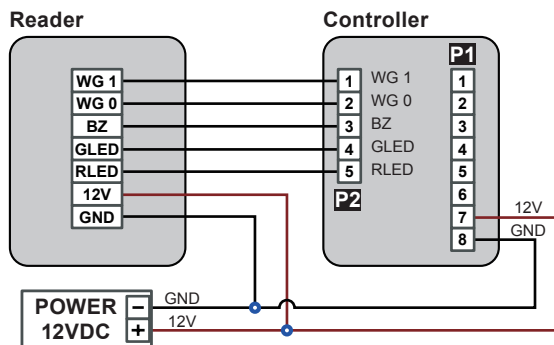
Connector to Electric Strike



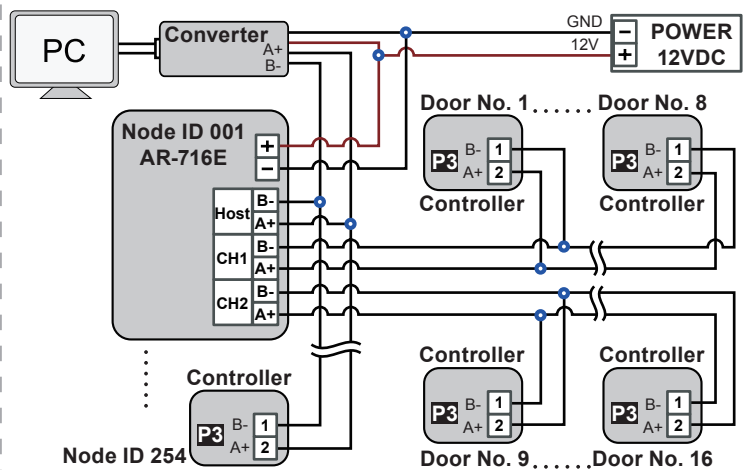
Connector to Door Sensor



Connector to Reader



Connector to Networking



Adding and Deleting Tag

Mode4/Mode8

• Add Single Tag or Random tags

Input *123456# (or Master Code) → 19 *UUUUU*00001# → Induct the tag(s) with reader (single tag or random numbered cards one by one) → Done
[e.g.] 2 random cards with user addresses No. 100 and No. 101:

Access programming mode → 19 *00100*00001# → Induct the tags one by one → Done

• Add the Sequential tags

Input *123456# (or Master Code) → 19 *UUUUU*QQQQQ# → Induct the tags (Present the tag with the lowest number first.) → OK
[e.g.] User Address NO.101 to NO.120 have 20 pcs of sequential tags:(62312~62332):

Access programming mode → 19 *00101*00120# → Close Tag into RF Area(only use the tag NO.62312) → OK

• Delete a Single Tag

Input *123456# (or Master Code) → 10 *SSSSS9)EEEE#
[e.g.] Delete User Address: 00058

Access programming mode → 10 *000589)00058#

• Delete a batch of Tags

Input *123456# (or Master Code) → 10 *SSSSS9)EEEE#
[e.g.] Delete User Address: 00101~00245

Access programming mode → 10 *001019)00245#

• Delete All Tags

Input *123456# (or Master Code) → 29 *29*#

Tag Information



Mode6 ※At this mode, User Address = Card Code

• Add Tags

Input *123456# (or Master Code) → 11 *SSSSS*)EEEE# → OK
[e.g.] Add User Address: 00100~01254

Access programming mode → 11 *00100*01254# → OK

• Delete Tags

Input *123456# (or Master Code) → 10 *SSSSS*(or 9)EEEE# → OK
[e.g.] Delete a tag with card code 62362

Access programming mode → 10 *62362*62362# → OK

• Delete All Tags

Input *123456# (or Master Code) → 29 *29*#

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*PPPPPPRRRRRR# [Input the 6-digit new master code twice.]

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

B. Chang the Node ID of Reader

Access programming mode → 00*NNN# [Node ID: 001~254]

C. Set up M4/M6/M8

Access programming mode → 04*N# [N=4/6/8]

D. Set up the password

- **M4/M8: Individual pass code**

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

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

- **M6: Public pass word**

PIN only: 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]

E. Dual Door Open(M4/M8)

Requires indoor reader and outdoor readers.

Access programming mode → 28*064# [064= Dual Door Open]

F. Anti-pass-back(M4/M8)

Usually, anti-pass-back is commonly applied to parking areas in order to prevent from multi-entry with one card at a time, or to situations need access and exit monitor.

- **Reader enable**

Access programming mode → 20*128# [128= Anti-pass-back enable.]

- **Card enable**

Access programming mode → 26*SSSSS*EEEEEN#

[SSSSS= User address start; EEEEE= User address end; N=0(control)/ 1(Not control)/ 2(reset)]

[e.g.] User address from 00152 to 00684 enable the anti-pass-back function: 26*00152*00684*0#

G. Auto Open Time Zone

Door will keep open after the first flashing card. There are 2 time zones supported when Stand-Alone, and 64 time zones when it is on network.

- **Enable/Disable auto open zone**

Access programming mode → 20*004# [004= enable Auto-Open Time Zone; 000= disable Auto-Open Time Zone]

- **Enable/Disable auto open door without presenting card**

Access programming mode → 24*001# [001= enable Auto-Open Time Zone; 000= disable Auto-Open Time Zone]

- **Set up open time**

Access programming mode → 08*N*HHMMhhmm*FFFFFFF#

N: 2 sets of auto-open zone (N=0=1st set; N=1=2nd set)

HHMMhhmm=Starting time to ending time (e.g. 08301200=08:30 to 12:00)

FFFFFFF= 7 days of week (Sat/Fri/Thu/Wed/Tue/Mon/Sun) (F= 0: disable; 1: enable)

[e.g.] To set the second time zone as 9:30 AM to 4:20 PM, Monday, Wednesday and Friday: 08*1*09301612*0101010# → Done

H. Lift control

Connect with **AR-401RO16B** to control which floors 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#

UUUUU=User Address FF=Floor number (01~32 floor/stop)

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

- **Multi floors**

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

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

[e.g.] User address NO. 45, only to the 6th and the 20th floor:

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

Please refer to below floor chart

| 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 |

I. Setting Up the Arming

• **Conditions:**

1. Arming is enabled
2. Alarm system connected

• **Application:**

1. **Door open too long:** Door is open longer than door relay time plus door close time.
2. **Force open** (Opened without a valid user card): Access by force or illegal procedure.
3. **Door position abnormal:** When power is off and then on, reader on arming before power off.

• **Enable/Disable Arming status:**

| Standby Mode | | | |
|--|---|--|---|
| Card only | | Card or Passcode | Card and Passcode |
| After door open | Door is not open | Input 5 digit user address → | Induct valid card → Input 4 digit pass code → # → Input 4 digits arming code → # |
| Induct valid card → Input 4 digit arming code → # | * → Input 4 digit arming code → Induct valid card | Input 4 digit pass code → # → | Input 4 digits arming code → # |
| Enter Program Mode | | | |
| Enable: Access programming mode → * * # | | Disable: Access programming mode → * # | |

※ There is NO arming mode for M6. Factory default armingcode is: 1234

Function Default Value

AR-321H / AR-721H / AR-725H / AR-757H

| 20 * DDD # | | | | ※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 Reader of Network | ※0: Slave | 1: Master | 032 | Networking |
| Access/Exit | ※0: Exit | 1: Access | 064 | Networking |
| Anti-pass-back | ※0: Disable | 1: Enable | 128 | Networking |

Selection= 0(none value)/ 1(1 x each value)
[i.e.] DDD value of Enable "Auto Open" + "Exit by Push Button + "Anti-pass-back" =004+016+128=148;
As a result of that, the command will be 20 * 148 #.

| 28 * NNN # | | | | ※Default Value |
|-------------------------|-------------|-----------|-------|------------------------|
| Function | Selection | | Value | Application |
| Dual Door Open | ※0: Disable | 1: Enable | 064 | Networking/Stand-Alone |
| Force Open Alarm Output | ※0: Disable | 1: Enable | 128 | Networking/Stand-Alone |

AR-321H / AR-721H / AR-725H

| 24 * DDD # | | | | ※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 |
| Stop Alarm by door open or door close button | 0: None | ※1: Yes | 064 | Networking/Stand-Alone |
| Door bell | ※0: Disable | 1: Enable | 128 | Networking/Stand-Alone |

AR-757H

| 24 * DDD # | | | | ※Default Value |
|--|------------------|-----------|-------|------------------------|
| Function | Selection | | Value | Application |
| Auto-open door without cards at auto open zone | ※0: Disable | 1: Enable | 001 | Networking/Stand-Alone |
| Lift Control/ Duress Function | ※0: Lift Control | 1: Duress | 002 | Networking/Stand-Alone |
| Stop Alarm by door open or door close button | 0: None | ※1: Yes | 064 | Networking/Stand-Alone |

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/ 3,000(725H) | 1.Card only 2.Card and PIN (4-digit PIN) 3.Card or User address (5-digit) + Individual PIN (4-digit individual PIN) | Yes | 1200/ 1500(725H)/ 3000(757H) | Yes | Yes | 11 | 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/ 3,000(725H) | 1.Card only 2.Card and PIN (4-digit individual PIN) 3.Card or PIN (4-digit individual PIN) | Yes | 1200/ 1500(725H)/ 3000(757H) | Yes | Yes | 11 | 32 | Yes |

※ **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).

Factory Reset by its commands

• **When the device is stand-alone (not networking)**

Access programming mode → 20 * 016 # → 24 * 064 # → 26 * 00000 * 01023 * 1 # → 28 * 000 # → 29 * 29 * #

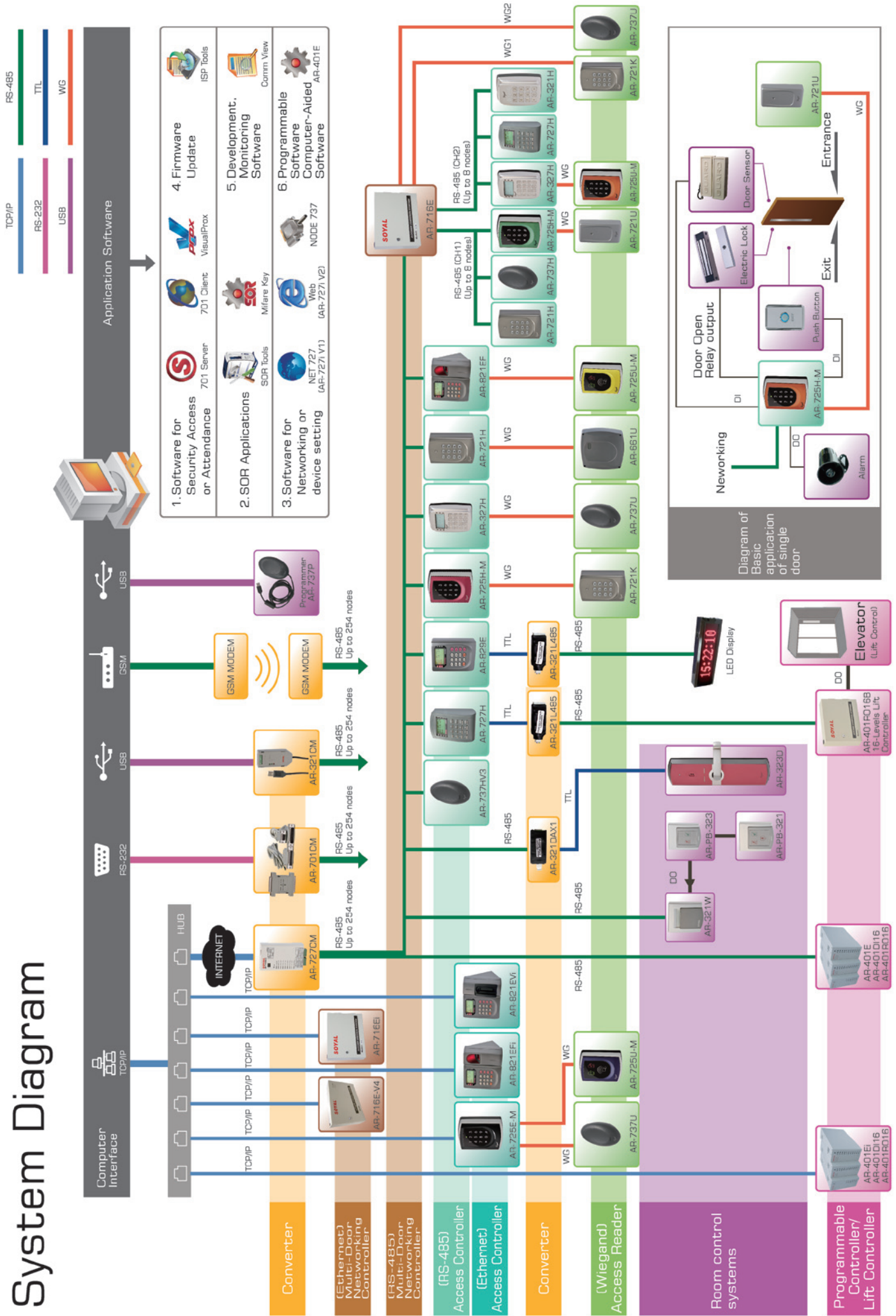
※Note: After the Master Code is changed, factory reset doesn't restore the Master Code back to 123456.

| Command List | | | |
|---|-------------------------------|--|----------|
| Function | Command | Description | Mode |
| Entering programming mode | * PPPPPP # | PPPPPP=Master Code, default value=123456 | M4/M6/M8 |
| Exiting programming mode | * # | | M4/M6/M8 |
| Exiting programming mode and enabling arming status | * * # | | M4/M6/M8 |
| Node ID setting (Connecting to 716E, or total unit is ≤ 254) | 00 * NNN # | NNN=Node ID range: 001~254 | M4/M8 |
| Node ID setting (Connecting to PC directly without via 716E and > 254) | 00 * NNN * VVV * nnn # | NNN=Node ID of Access Controller, VVV=Virtual 716E Node ID, nnn=Door number; range:001~254 | M4/M8 |
| Mifare tag / card format (Optional) | 01 * N # | N: 0=ISO14443A; 1=ISO14443B; 2=ISO15693; 3=I Code1; 4=I Code2 PS.1. Please select the compliance, first. 2. Make sure reader and card using the same compliance. | M4/M8 |
| Door relay time setting | 02 * TTT # | TTT=Door relay time 000= Output constantly 001~600=1~600 sec. 601~609=0.1~0.9 sec. | M4/M6/M8 |
| Alarm relay time setting | 03 * TTT # | TTT=Alarm relay time 001~600=1~600 sec. | M4/M6/M8 |
| Control mode setting | 04 * N # | N=Mode 4=Mode4 ; 6=Mode6 ; 8=Mode8 | M4/M6/M8 |
| Arming delay time setting | 05 * TTT # | TTT=Arming delay time 001~600=1~600 sec. | M4/M6/M8 |
| Alarm delay time setting | 06 * TTT # | TTT=Alarm delay time 001~600=1~600 sec. | M4/M6/M8 |
| Master card setting | 07 * SSSSS * EEEEE # | SSSSS-EEEEEE=00000-01023 (00000-03071 for AR-725H); SSSSS=Starting user address; EEEEE=Ending user address | M4/M8 |
| Auto-open time zone setting | 08 * N * HHMMhhmm * FFFFFFF # | N= 0(1st time zone) / 1(2nd time zone) HHMM= Starting time; hhmm= ending time (i.e.: 08301200=08:30 to 12:00) FFFFFFF= 7 days of week (Sat/Fri/Thu/Wed/Tue/Mon/Sun) (F= 0: disable; 1: enable) | M4/M6/M8 |
| Master code setting | 09 * PPPPPRRRRRR # | PPPPPP=New master code RRRRRR=Repeat the new master code | M4/M6/M8 |
| Suspend / Delete tag | 10 * SSSSS * EEEEE # | * =Suspend 9 =Delete; | M4/M6/M8 |
| | 10 * SSSSS 9 EEEEE # | SSSSS=Starting user address, EEEEE=Ending user address | |
| Set a sequence of cards as "read and access" | 11 * SSSSS * EEEEE # | SSSSS=Starting card number EEEEEE=Ending card number | M6 |
| Active the suspended cards | 11 * SSSSS * EEEEE # | SSSSS=Starting user address EEEEEE=Ending user address | M4/M8 |
| Set the cards as Card mode OR PIN mode by user address | 12 * UUUUU * PPPP # | Access mode: Card or PIN ; UUUUU=user address; PPPP=4-digit pass code 0001~9999 | M4/M8 |
| Set the cards as Card AND PIN mode by user address | 13 * UUUUU * PPPP # | Access mode: Card and PIN ; UUUUU=user address; PPPP=4-digit pass code 0001~9999 | M4/M8 |
| Arming output time setting | 14 * TTT # | TTT=Arming output time; 000~250=0~250 sec. | M4/M6/M8 |
| M4/M8: Duress code setting M6: Public PIN setting (Card or PIN) | 15 * PPPP # | PPPP=4-digit pass code (default value=4321) P.S. Duress code will be unavailable and become a public PIN at access mode "Card or PIN" of M6 | M4/M6/M8 |
| Card number modification | 16 * UUUUU * SSSSSCCCC # | UUUUU= User address; SSSSS=5-digit site code; CCCCC=5-digit card code | M4/M8 |
| M4/M8: Arming pass code setting M6: Public PIN setting (Card and PIN) | 17 * PPPP # | PPPP=4-digit pass code (default value=1234; disable Arming PWD=0000) P.S. Arming PWD code will be unavailable and become a public PIN at access mode "Card PIN" and of M6 | M4/M6/M8 |
| Door open waiting time | 18 * TTT # | TTT=Door open waiting time: 001~600=1~600 sec.; default value: 15 sec. | M4/M6/M8 |
| Set the card by induction(M4/M8) | 19 * UUUUU * QQQQ # | UUUUU=User address; QQQQ=Card quantity(00001=Continuously inducting) | M4/M8 |
| Reader additional setting | 20 * DDD # | Please refer to function default value for details. | M4/M6/M8 |
| Lift control setting: multi-doors | 21 * UUUUU * S * FFFFFFF # | UUUUU=User address, S=4 sets of lift control(0~3); FFFFFFFF=8 assigned floor (F=0: Disable, 1: Enable) | M4/M8 |
| Add/Delete tag by induction (M6 only) | 22 * N # | N=0(Delete tag); N=1(Add tag) | M6 |
| AR-401ROsite number dip switch | 23 * NNN * TTT # | NNN=site number, TTT= relay time: 000~600=1~600 sec. | M4/M8 |
| Reader parameter setting | 24 * DDD # | Please refer to function default value for details. | M4/M6/M8 |
| Real time clock setting | 25 * YYMMDDHHmmss # | YYMMDDHHmmss: Year/ Month/ Day/ Hour/ Min./ Sec. | M4/M6/M8 |
| Anti-pass-back (Enable user) | 26 * SSSSS * EEEEE * N # | SSSSS=Starting user address; EEEEE=Ending user address; N=0/Enable; N=1/Disable; N=2/Initial | M4/M8 |
| Single floor setting | 27 * UUUUU * FF # | UUUUU=User Address; FF=Floor (01~32 floor) | M4/M8 |
| Dual door control/ Active or inactive arming for force open | 28 * NNN # | Please refer to function default value for details. | M4/M6/M8 |
| Delete all tags | 29 * 29 * # | | M4/M6/M8 |

Access Controller

Metal Case / Illuminated Touch-panel

System Diagram



TCP/IP
RS-232
USB
RS-485
TTL
WG

Application Software

- | | | | | | | |
|---|------------|-----------------|---------------------|------------|-----------|-----------|
| 1. Software for Security Access or Attendance | 701 Server | SDR Tools | 701 Client | VisualProx | ISP Tools | Comm View |
| 2. SOR Applications | Mifare Key | Web (AR-727 V1) | NET 727 (AR-727 V1) | | | |
| 3. Software for Networking or device setting | 701 Server | SDR Tools | 701 Client | VisualProx | ISP Tools | Comm View |
| 4. Firmware Update | VisualProx | ISP Tools | Comm View | | | |
| 5. Development, Monitoring Software | Mifare Key | Web (AR-727 V1) | NET 727 (AR-727 V1) | | | |
| 6. Programmable Computer-Aided Software | NODE 737 | AR-401E | | | | |

Diagram of Basic application of single door

Room control systems

Programmable Controller/Lift Controller