

User Manual

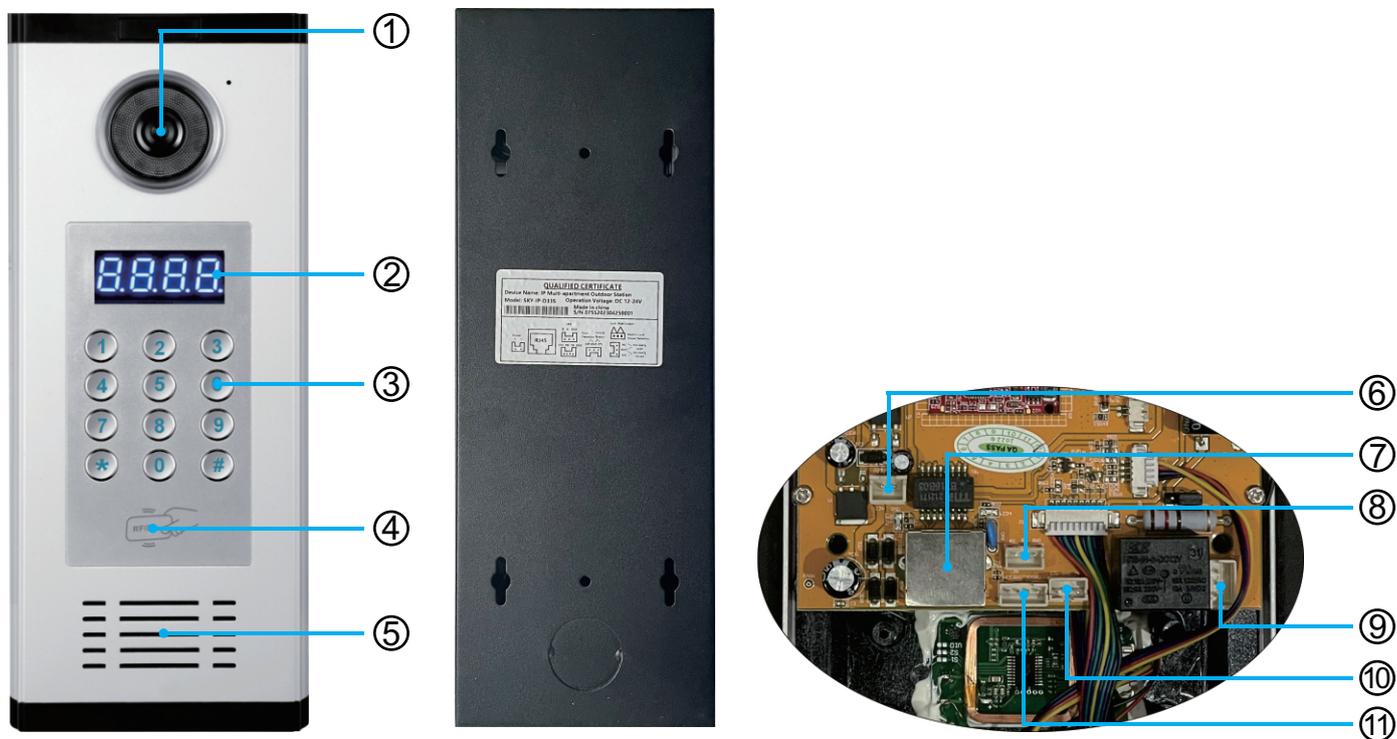
IP Apartment Outdoor Station



Before using this product, read the Quick Guide carefully and save it for future referenceV3.0.

Call Panel (Network Cable)

Outdoor Station



① Camera

② LED Segment Display

③ Button

④ Card Reading Area

⑤ Speaker

⑥ Power/+ -

⑦ RJ45

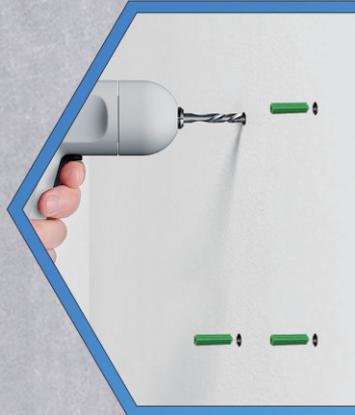
⑧ GND A B

⑨ NC GND NO

⑩ DET GND CTL

⑪ VCC RX TX GND

Outdoor Station Installation



Drilling

Drill screw holes in the location of the wall mounting plate



Fix wall mounting plate

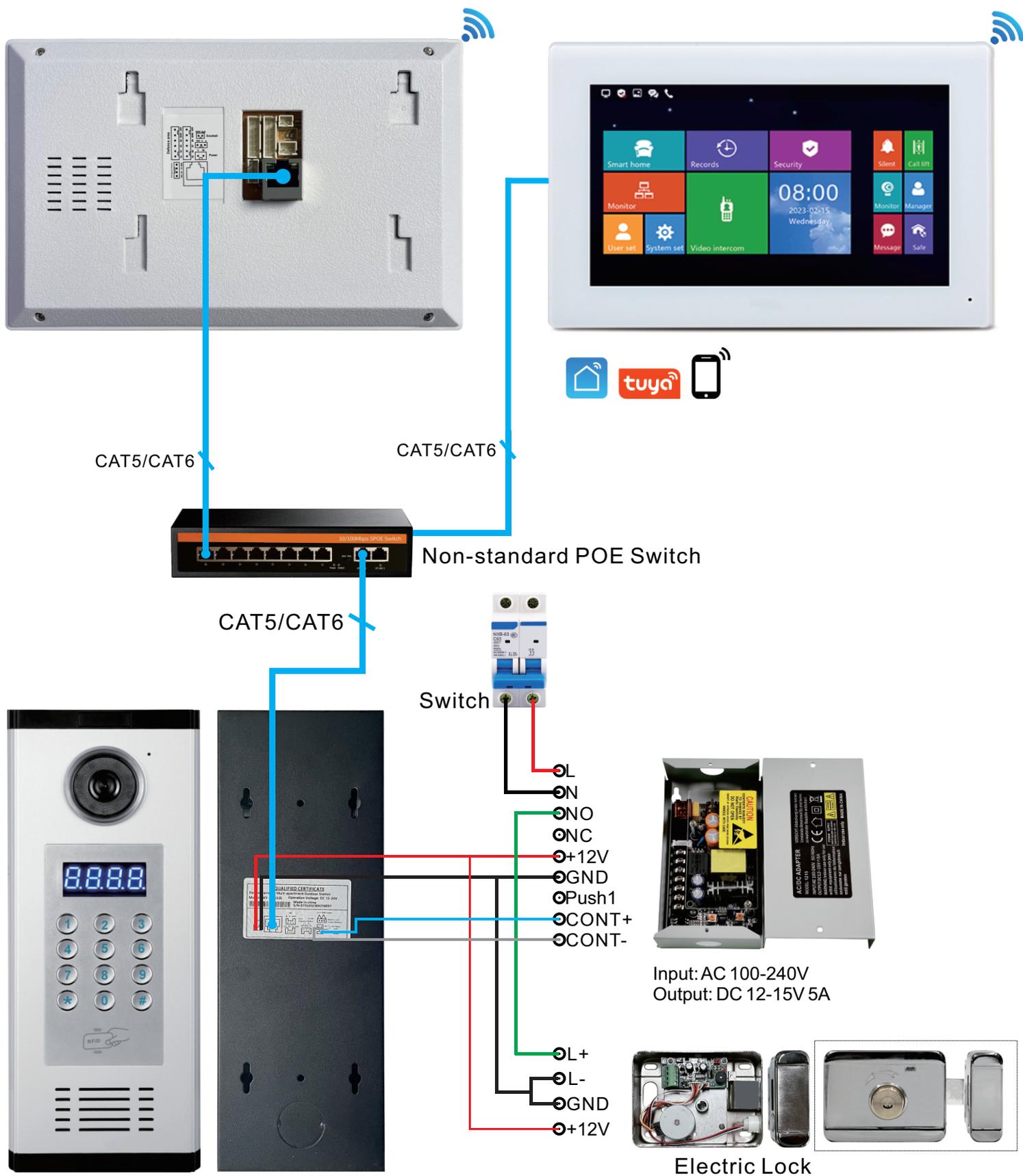
Fix the wall mounting plate to the wall with 4 screws



Install outdoor station

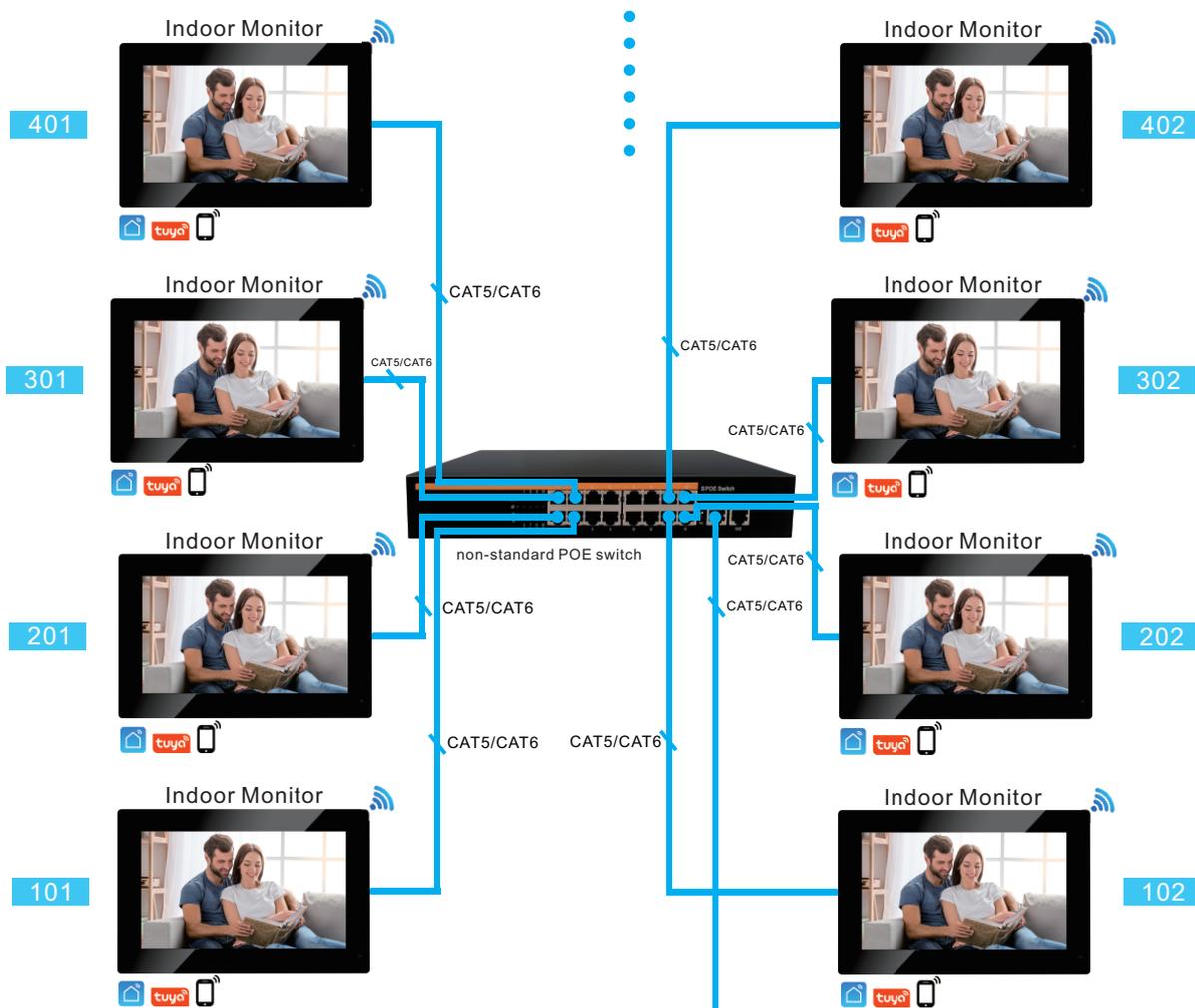
Insert the outdoor station to the plate and fasten it with a screw.

Wiring Diagram(1 to 1) (Ethernet Cable)

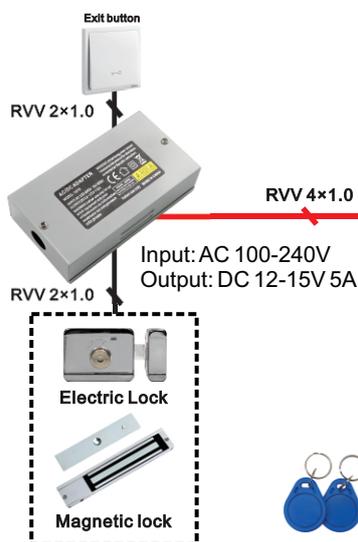


Local LAN Networking Diagram (1 ~ 9999 Monitors)

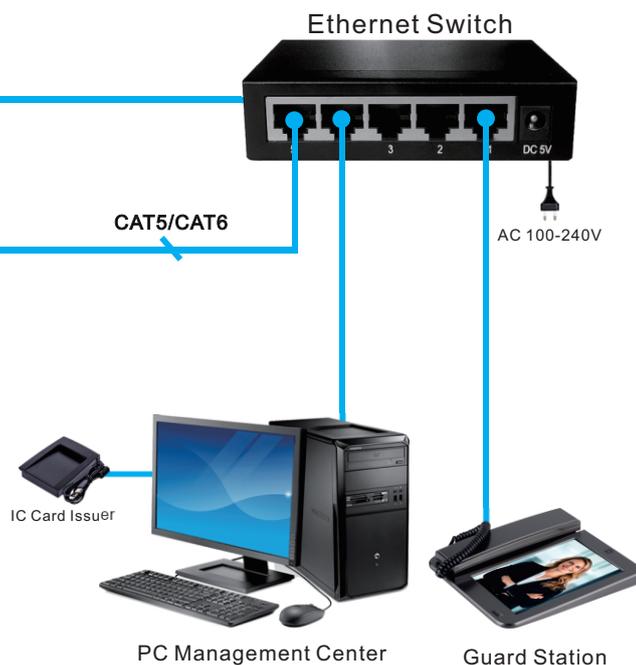
Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



- network cable CAT5/CAT6 main line in unit
- 4 wires(RVV 4×1.0) outdoor station to power
- 2 wires(RVV 2×1.0) lock to power
- 2 wires(RVV 2×1.0) exit button to power



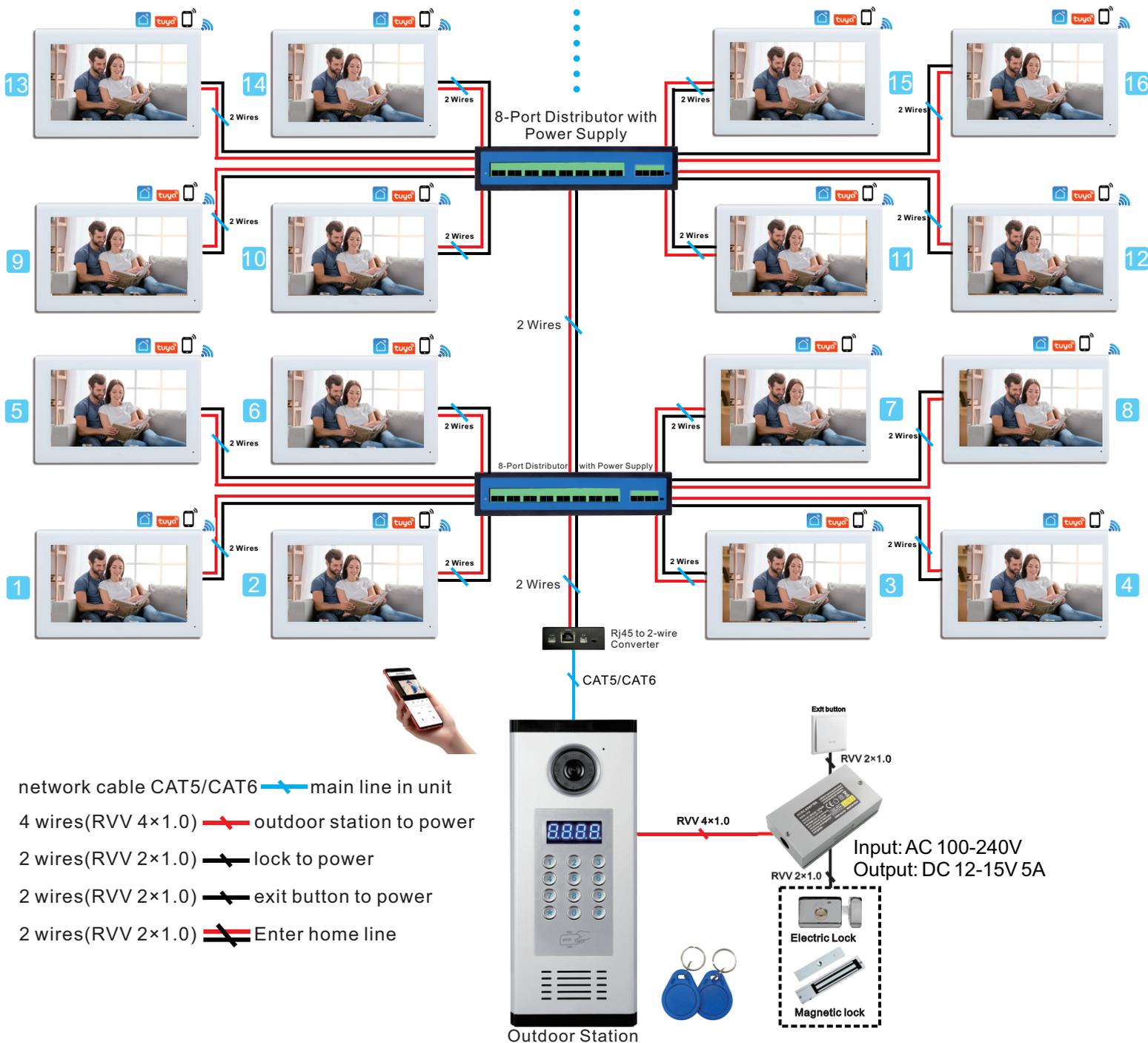
Outdoor Station



2-wire IP Apartment Diagram (1~9999 Monitors)

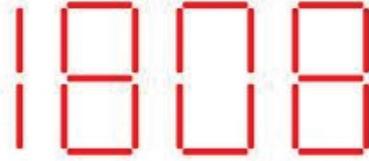


Room number can be set 1 digit, 2 digit, 3 digit or 4 digit



1.Homepage

Homepage: The time will be displayed on the home page. For example, it's 18:08 o'clock.

A red digital display showing the time 18:08. The digits are formed by a grid of red lines.

(1)Call.

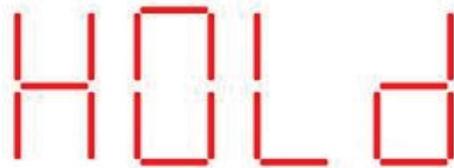
I. Call resident

a) Press room number such as 1, 01, 101 or 0101 to call resident when used for apartment buildings.

b) When used for community gate, press entire 10-digit code to call the resident. As an example, call 0101010204. The first 6 digits represent Zone 01, Building 01, Unit 01. And last 4 digits is room number. 02 means Floor 02, and 04 means Room 04.

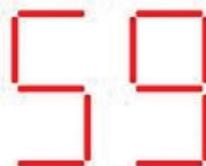
II. Call Guard Station or PC Management Center. Input "1000" to call guard station and PC management center.

III. When no one answer the call or the call is hung up, the screen will show "HOLD" with a voice prompt "The line is busy" or "Call ended".

A red digital display showing the word "HOLD" in a stylized, blocky font.

(2)Talk

Answer the call and start the talk. When answering the call, displays a 60s countdown, and press 0 to restart the countdown.

A red digital display showing the number 59.

During the call, press “4” to decrease the volume, while “6” to increase the volume. And press “#” to keep the change. When pressing the "4" key or the "6" key, the current intercom volume is displayed. The volume range can only be 1-5. If there is no operation within 3s, it will return to the countdown.



(3)Voice Help

Press “#” to get voice prompts in standby mode.

I. When used for apartment building

- a) Input room number to call resident.
- b) Input “1000” to call guard station and PC management center.
- c) To adjust volume, press “4” to decrease, “6” to increase, and “#” to save during a call.
- d) During the call, press “0” to extend the call time.
- e) Press “#9#” to unlock with public password, press “#8#” to unlock with resident password.

II. When used for community gate

- a) Input 10-digit room number to call resident.
- b) Input “1000” to call guard station and PC management center.
- c) To adjust volume, press “4” to decrease, “6” to increase, and “#” to save during a call.
- d) During the call, press “0” to extend the call time.
- e) Press “#9#” to unlock with public password.

(4)Unlock by Resident Password

In standby mode, press “#8#” to unlock, and “r” is displayed. If this function is disabled, “Err4” is displayed and a voice “Function is disabled” appear.



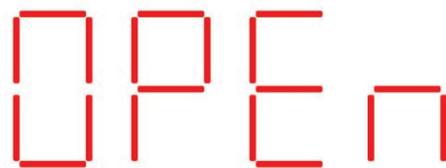
Input 4-digit room number. If there are less than 4 digits, please add 0 in front of the room number. For example, room number is 1, then input "0001".



If it is incorrect, "Err1" will be displayed and the voice prompt will be "The room number does not exist."



If it is correct, "P---" will be displayed, and then input the 6-digit password (Set on the indoor unit, which needs to be set before use). If the password is correct, the door will open, and "OPEN" will be displayed with a voice prompt of "The door is open, please come in".



If the password is wrong, "Err" will be displayed and the voice prompt will be "Wrong password".



(5)Unlock by Public Password

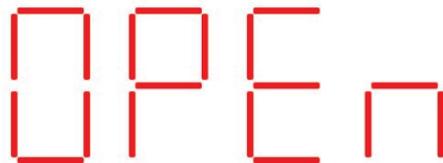
In standby mode, press “#9#” to unlock, and “P----” will be displayed. Then input 6-digit password (Default password is 888888).

A red LED display showing the character 'P' followed by four dashes, representing the prompt 'P----'.

If this function is disabled, “Err4” is displayed and a voice “Function is disabled” appear.

A red LED display showing the text 'Err4'.

If password is correct, “OPEN” will be displayed with a voice prompt “The door is open, please come in”.

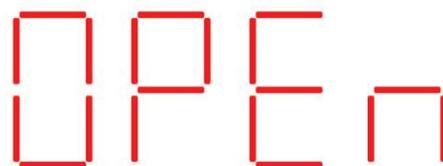
A red LED display showing the text 'OPEN'.

If password is wrong, the screen will show “Err” and voice prompt will be “Wrong password”.

A red LED display showing the text 'Err'.

(6)Cards Unlock

Swipe card to unlock the door. If the card is authorized, “OPEN” is shown and a voice “The door is open, please come in” is played.

A red LED display showing the text 'OPEN'.

If the card is not authorized, the voice "illegal card" will appear.

2. System Settings

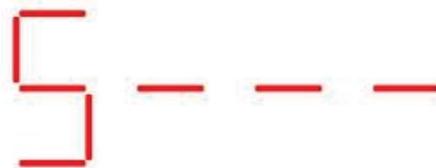
Press “6789#” to enter system settings, “P---” will be displayed and voice prompt will be “Please enter password”. The password to enter the system settings is “666666”.

A red LED display showing the character 'P' followed by three dashes.

If password is wrong, the screen will show “Err0” and voice prompt will be “Wrong password”.

A red LED display showing the characters 'Err0'.

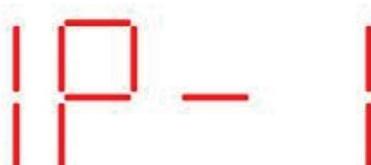
If password is correct, “S---” will be displayed with a voice prompt “Correct password. If you need help, press “#” key”.

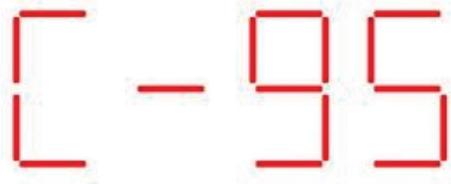
A red LED display showing the character 'S' followed by three dashes.

(1) System Information

Press “01#” to check system information. And a voice “To view the system information, press “#” key to cycle through pages, press “*” to exit” will be played. The outdoor station’s address code, IP address, software version and net configuration (NetCfg) version are shown in here. Press “#” to cycle through the pages. And press “*” to return to the previous page “S---”.

And “ld” means address code, “IP” means IP address, “S” means system software version and “C” means network configuration table version.

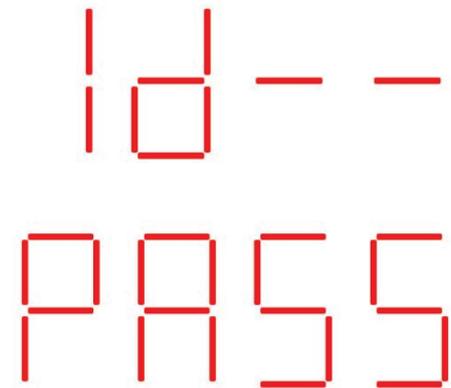
A red LED display showing the characters 'ld-2'.A red LED display showing the characters 'IP-1'.

A red LED display showing the number '5' followed by a hyphen and the number '20'.A red LED display showing the number '0' followed by a hyphen and the number '95'.

(2)Address

Press “02#” to change outdoor station’s address code. The voice “Change the outdoor unit address code, please enter 13-digit code. Press “#” key to save, press “*” key to delete or exit” will be played. And “ld--” is displayed.

For example, input “2010203010102” and “#” to save. The first “2” means that this is device of apartment building. Then the next “010203” means Unit 03, Building 02, Zone 01. Then “0101” is fixed code. The last “02” means this is the second outdoor station of this building. Successfully set, then “PASS” will show and a voice of “Setting successful” will broadcast.

A red LED display showing the text 'ld--' on the top line and 'PASS' on the bottom line.

If the address code is already used or it’s a wrong code, it will play a voice of “Setting failed” and show “Err1”.

A red LED display showing the text 'Err1'.

(3)Unlock Delay Setting

Press “03#” to set unlocking delay time. Voice prompt “Unlock delay setting: please input the delay time (in seconds). Press “#” key to save, press “*” key to delete or exit”. It is not recommended to change the unlock delay.

“PASS” is shown and a voice “setting successful” is played, when set successfully.

PASS

(4)Door Sensor Delay Setting

Press “04#” to start set door sensor delay time, and a voice prompt is “Door sensor delay setting: please input the delay time. Press “#” key to save, press “*” key to delete or exit”.

“PASS” is shown and a voice “setting successful” is played, when set successfully.

PASS

(5)Disable or Enable Door Sensor

Press “05#” to disable or enable door sensor (Signal interface without sensor). A voice prompt is “Disable or enable door sensor: press “4#” key to disable, press “8#”key to enable. Press “*” to exit”. And screen will show state of door sensor. “On” is enabled, and “OFF” is disabled.

If set successfully, the “PASS” will be displayed. And a voice “Setting successful” will be played.

On

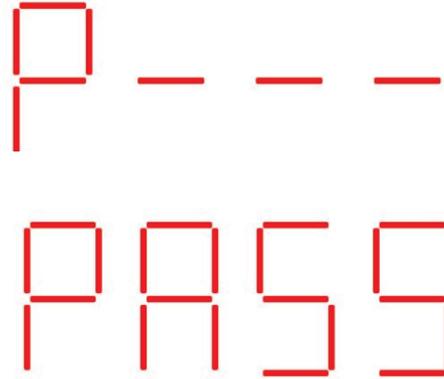
OFF

PASS

(6) Change Admin Password

Press “06#” to change administrator password. And the voice “Change administrator password: please enter a new 6-digit password. Press “#” key to save, press “*” key to delete or exit” is played. And “P---” will be displayed.

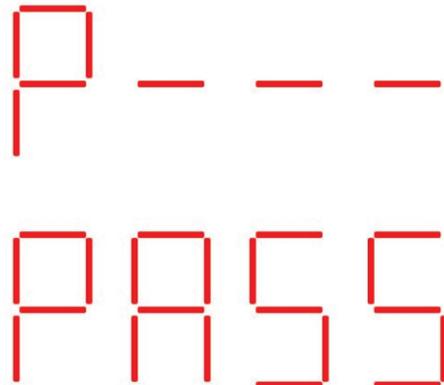
If set successfully, the “PASS” is displayed. And a voice “Setting successful” also appears.



(7) Change Public Unlock Password

Press “07#” to change public unlock password. Voice of “Change public unlock password: please enter a new 6-digit password. Press “#” key to save, press “*” key to delete or exit” is played. And “P---” will be displayed. Then input new 6-digit password and “#” to change.

If set successfully, the “PASS” will be displayed. And a voice “Setting successful” will be played.



(8) Disable or Enable Public Unlock Password

Press “08#” to disable or enable unlock by public password. A voice prompt is “Disable or enable public unlock password: press “4#” key to disable, press “8#” key to enable. Press “*” to exit”. And screen will show state of unlocking by public password function. “On” is enabled, and “OFF” is disabled.

If set successfully, the “PASS” will be displayed. And a voice “Setting successful” will be played.

On
OFF
PASS

(9) Disable or Enable Resident Unlock Password

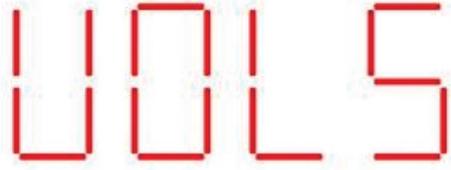
Press "09#" to disable or enable unlock by resident password. A voice prompt is "Disable or enable resident unlock password: press "4#" key to disable, press "8#"key to enable. Press "*" to exit". And screen will show state of unlocking by resident password. "On" is enabled, and "OFF" is disabled.

If set successfully, the "PASS" will be displayed. And a voice "Setting successful" will be played.

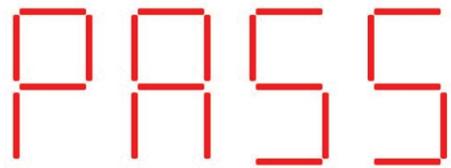
On
OFF
PASS

(10) Ringtone Volume

Press “10#” to adjust ringtone volume. A voice of “Set ringtone volume: please enter a new volume value ranging from 1 to 5. Press “#” key to save, press “*” key to delete or exit” is played. “VOL5” shows current volume value.

A red LED display showing the text "VOL5" in a segmented font.

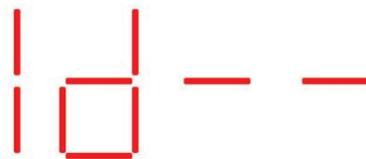
Input number 1-5 and “#” to modify the volume. If set successfully, the “PASS” will be displayed. And a voice “Setting successful” will be played.

A red LED display showing the text "PASS" in a segmented font.

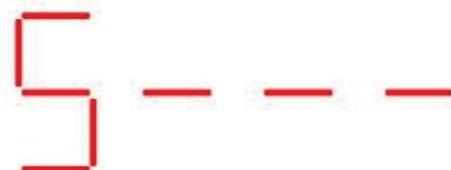
(11) Time&Date

Press “88#” to set time and date. And “ld--” is displayed. Input 12-digit number: YYYYMMDDHHmm, e.g. input 202408161800 means August 16, 2024, 18:00. Then press “#” to save the setting.

If set successfully, the “PASS” will be displayed. And a voice “Setting successful” will be played.

A red LED display showing the text "ld--" in a segmented font.

(12) Voice Help

A red LED display showing the text "S---" in a segmented font.

In “S---” system setting page, press “#” to play voice help information. The voice prompts:

Enter the 2-digit function code, and press “#” to confirm.

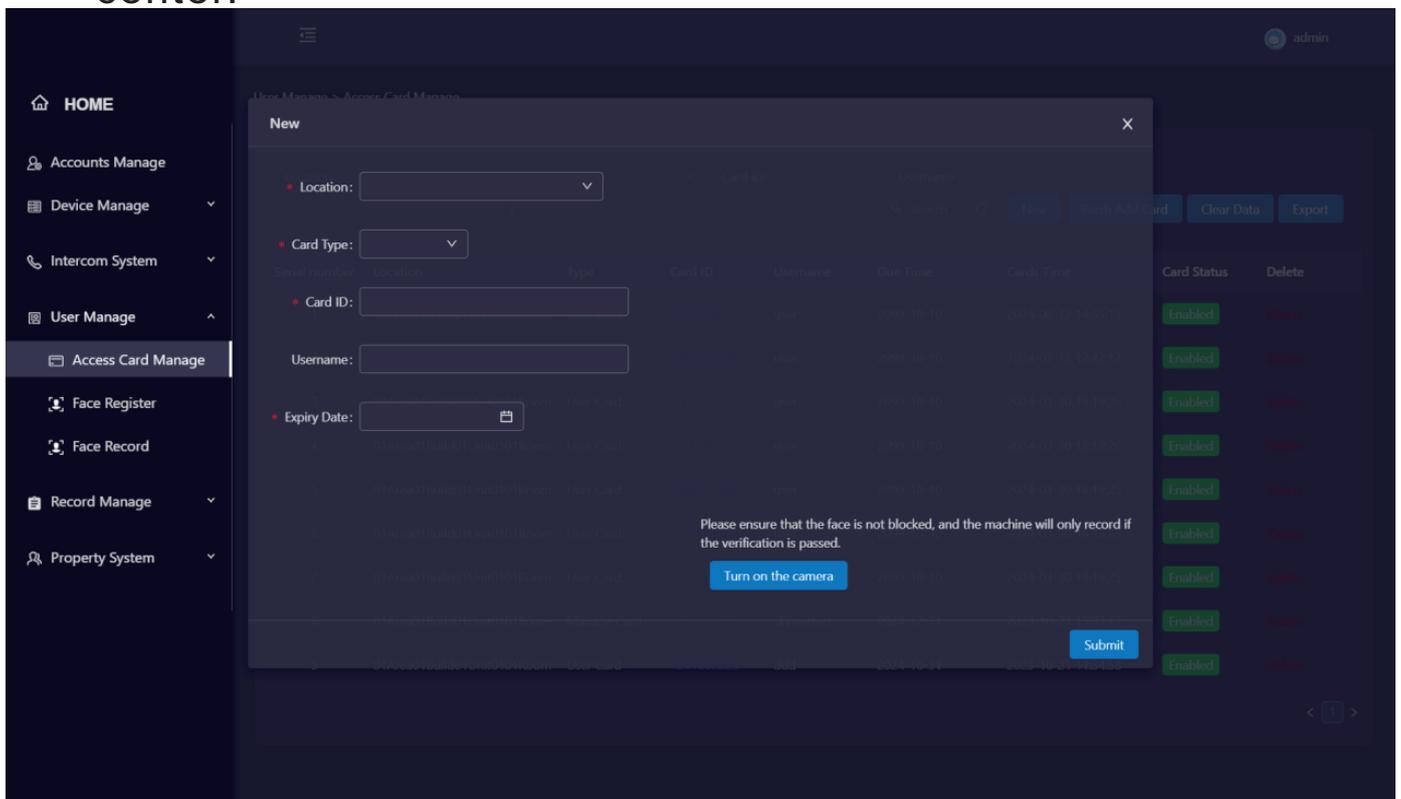
- “01” view system information;
 - “02” change outdoor unit address;
 - “03” unlock delay setting;
 - “04” door sensor delay setting;
 - “05” disable or enable door sensor;
 - “06” change administrator password;
 - “07” change public unlock password;
 - “08” disable or enable public unlock password;
 - “09” disable or enable resident unlock password;
 - “10” ring volume setting; “88” time setting;
 - “99” exit system setting.
- Press any key will stop the voice.

(13)Exit System Settings

Press “99#” to exit system settings. If there is no operation within 5S, it will automatically exit the system setting state.

(14)Card Set

IC/ID access cards can be only managed on the PC management center.



Specifications

Outdoor Station

- Resolution: 1080P 2 MP , 1 Camera
- Display: LED Segment Display
- 130° Wide View Angle
- Support Connect 9999 Households
- Material: Aluminum Alloy Shell + Metal Physical Press Button
- Network Transmission Mode: TCP/IP Protocol
- Connection: CAT5 / CAT6 / 2 Wires
- Ethernet Interface: RJ45
- Charge: Non-standard POE Switch / Power Supply
- IC Card Capacity: No Limited
- Operation Current: $\leq 500\text{mA}$
- Operation Voltage: DC 12-15V
- Operation Temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Outline Dimensions: 323*130*40mm
- Installation Dimensions: 298*113*33mm
- Installation: Wall-mounted or Embedded

NO	Malfunction	Reason	Solution
1	Why can't the outdoor station call the indoor monitor?	1. Indoor monitor room number is not correct 2. Network cable is not good 3. Outdoor station has been reset 4. The Network Conf Table (NetCfg) is not the same	1. Set a room number for indoor monitor, like 010101000101 2. Reconnect or change a new network cable 3. Set the address of outdoor station as "2010101010101" 4. Import the same Netcfg file
2	Why can't I open the lock?	1. The wires are broken or connected in wrong way 2. The card is not registered	1. Connect the wires in right way 2. Register the card and try again
3	Why can't the indoor monitors connect to Tuya App?	1. The indoor monitor has already bound 2. WiFi is not stable	1. Unbind the device from the App, and try again 2. Check WiFi and try to bind with App when it's stable