

Installation Instruction

----- TC-5000 series



1. Preparation

1.1 Hardware

Windows PC
Router (or switch)
12V DC power supply
CAT5e cables



1.2 Software

Install the management center software on the windows PC

[Click here to Download](#)

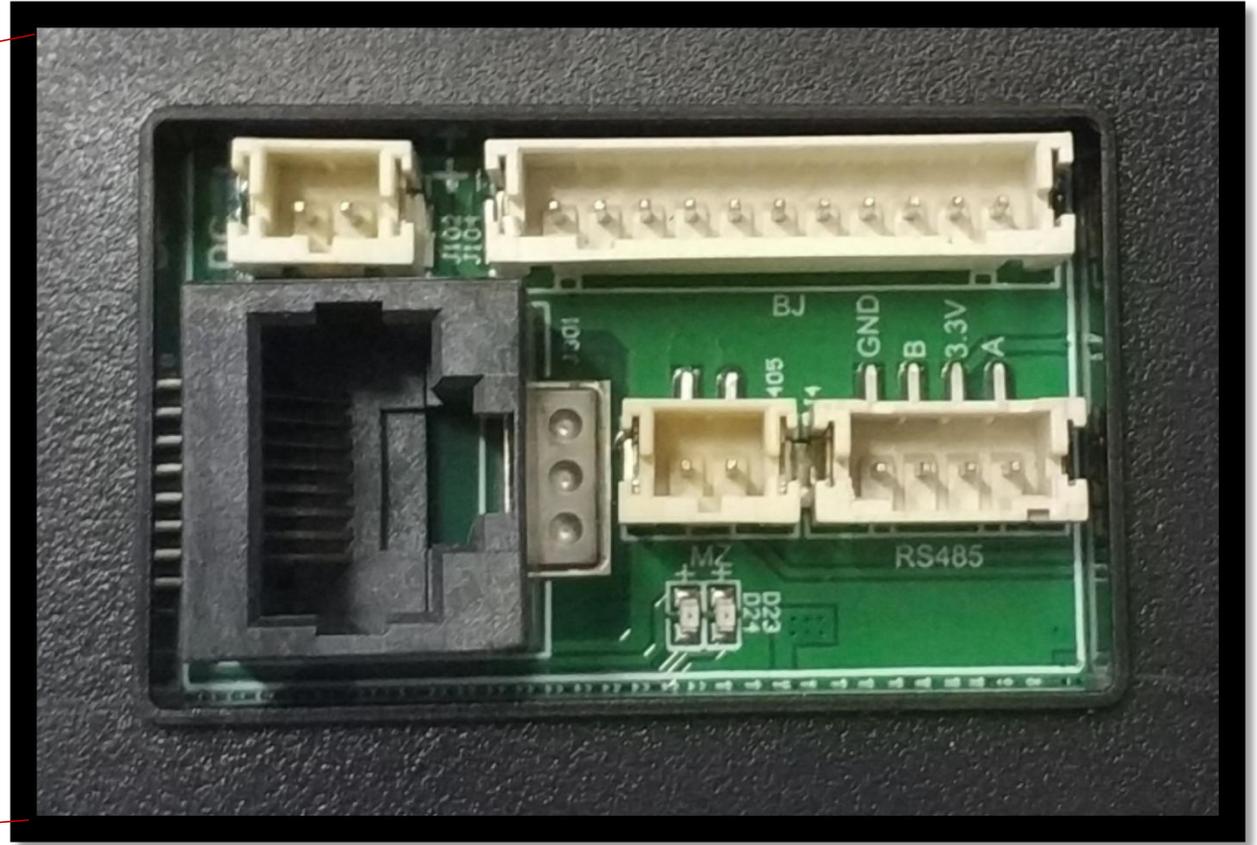


Note: if you failed to install TC-5000 software, please turn off windows defender or other Antivirus software in your PC.

1. 3 Hardware

LEARN THE PORTS ON THE MACHINES







Open button



Open button is for residents to exit buildings easily

unlocking detection

Unlocking detection is used to make sure the gate locked again in few seconds after door is unlocked by residents



Connect to router or switch by CAT5e cable
(under same net system of indoor unit)



+12V & GND connect to DC12V power supply

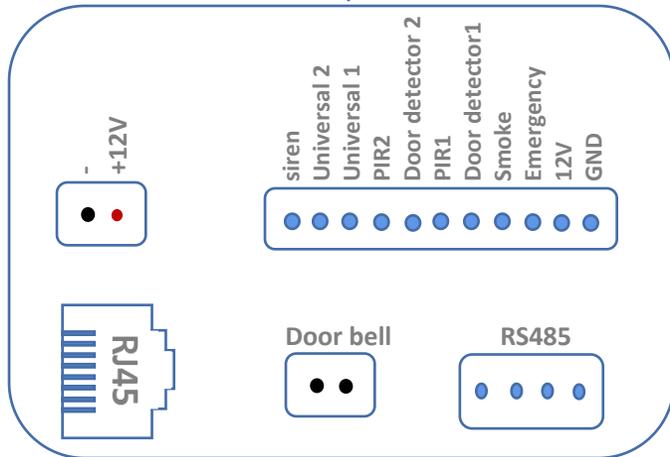
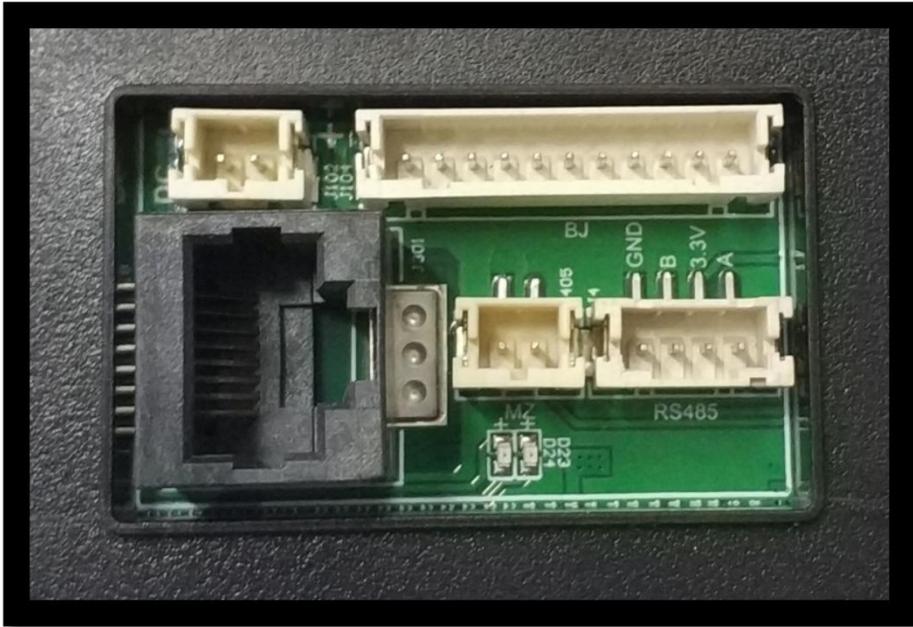
COM and NO are for e-lock (relay type)

SD slot

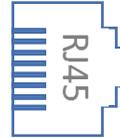
This SD card slot is only used for firmware update



You don't use this port



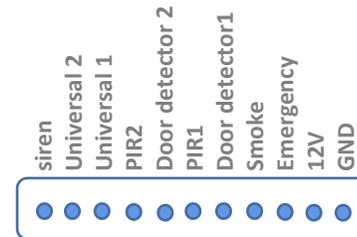
Connect to 12V DC power supply



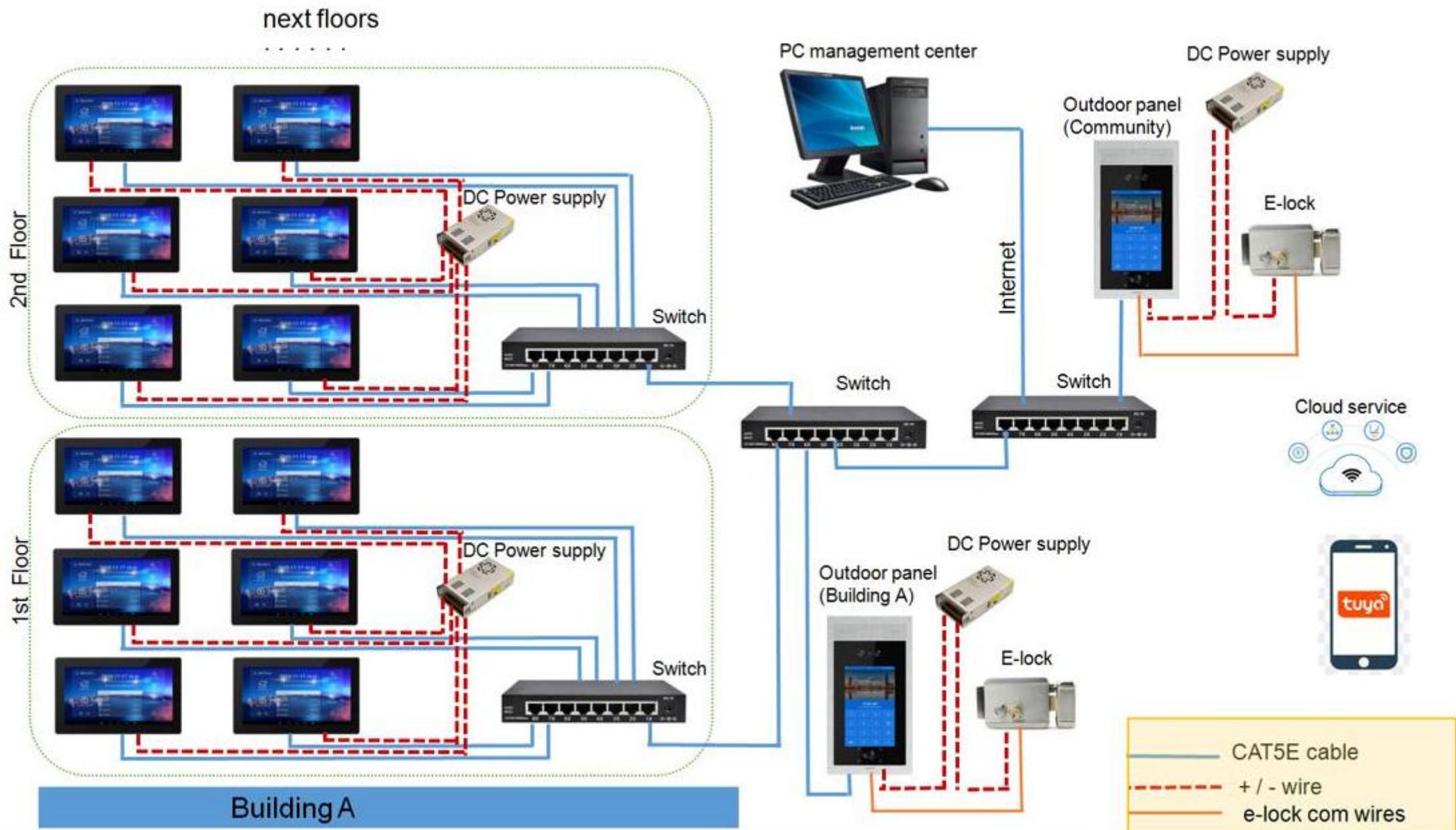
Connect to router or switch by CAT5e cable
(under same net system of outdoor unit)



Connect to a doorbell button
(when push button, indoor monitor will ring)

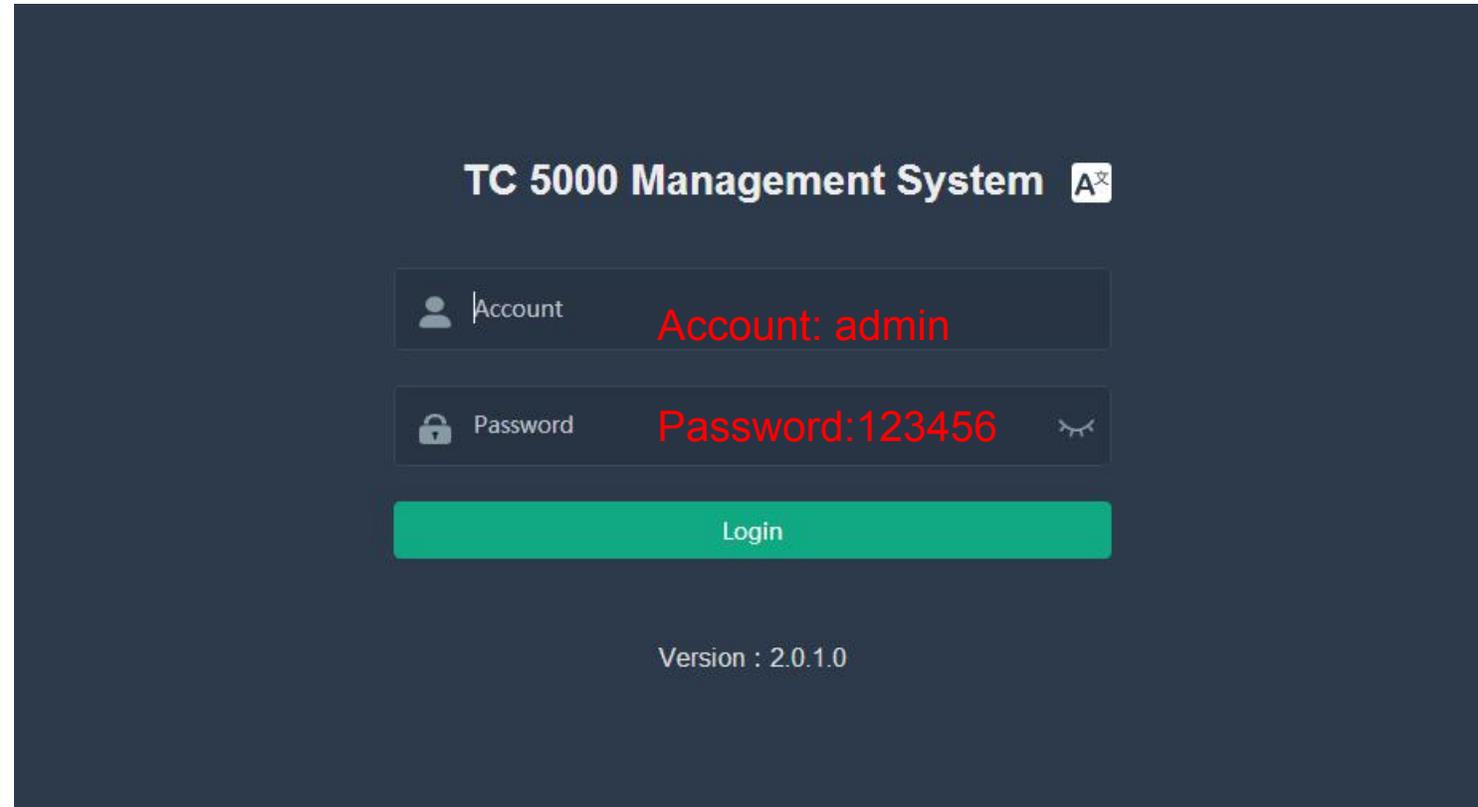


These two you don't use actually



2. TC-5000 Software Setting

2. 1 Login to TC-5000 system



The screenshot displays the login page for the TC 5000 Management System. The page has a dark blue background. At the top center, the text "TC 5000 Management System" is displayed in white, followed by a small icon of a document with an 'x' (A^x). Below this, there are two input fields. The first field is labeled "Account" with a person icon and contains the text "Account: admin" in red. The second field is labeled "Password" with a lock icon and contains the text "Password:123456" in red, with a small eye icon to its right. Below the input fields is a green button labeled "Login". At the bottom center, the text "Version : 2.0.1.0" is displayed in white.

TC 5000 Management System 

Account Account: admin

Password Password:123456 

Login

Version : 2.0.1.0

2. 2 Basic data -> System configuration -> Basic information

5k Basic data / System configuration

System configuration ×

Basic data

System configuration

System account

Room structure

Equipment manage

User management

Announcement

Log management

System tools

Basic Information

* Community name Fill in community name(less than 50 English letters)

* Contact number Fill in community contact number

* Contact address Fill in address info

* Face plan Click here and choose platform face

LAN video intercom se

Terminal face

Platform face

* Start IP address

2. 3 Basic data -> System configuration -> LAN video intercom setting

The screenshot shows a web-based configuration interface. On the left is a sidebar menu with items: Basic data, System configuration, System account, Room structure, Equipment manage, User management, Announcement, Log management, and System tools. The main content area is titled 'System configuration' and contains a section for 'LAN video intercom setting'. This section includes several input fields with red annotations: 'Start IP address' (192.168.0.12) with the note 'Check the router setting and fill in a proper IP within the range of IP addresses.', 'Subnet mask' (255.255.255.0) with the note 'Normally don't change, but if there is a lot of devices, suggest to change to 255.255.0.0', 'Gateway' (192.168.0.11) with the note 'Fill in the gateway of your router', 'DNS IP' (180.76.76.76) with the note 'No need to change it', 'Skipped IP range' (192.168.1.1 | 192.168.1.10) with the note 'Ignore it', and 'Log retention' (30 days) with the note 'Ignore it'. Below this is a 'Cloud intercom' section with a 'Cloud intercom' toggle switch that is turned on, accompanied by the note 'This part useless, keep it as it is, and ignore it'.

Basic data

System configuration

System account

Room structure

Equipment manage

User management

Announcement

Log management

System tools

System configuration

LAN video intercom setting

* Start IP address Check the router setting and fill in a proper IP within the range of IP addresses.

* Subnet mask Normally don't change, but if there is a lot of devices, suggest to change to 255.255.0.0

* Gateway Fill in the gateway of your router

* DNS IP No need to change it

Skipped IP range Ignore it

* Log retention Ignore it
days

Cloud intercom

Cloud intercom This part useless, keep it as it is, and ignore it

2. 4 Basic data -> Room structure

The screenshot displays the 'Room structure' management interface. The sidebar on the left has 'Room structure' highlighted with a red box and a circled '1'. The main area shows a '+ Add in bulk' button with a red box and a circled '2'. A modal window titled 'Add in bulk' is open, containing a table for adding structure. The table has three columns: 'Community structure', 'Building number', and 'Housing number'. The first row shows '1' for building number, '10' for housing number, and 'building' for structure type. The second row shows '1' for building number, '12' for housing number, and 'Floor' for structure type. The third row shows '1' for building number, '6' for housing number, and 'Room' for structure type. A 'Determine' button is at the bottom right of the modal, with a red box and a circled '4' pointing to it. Red arrows and text labels point to the 'building' field (3), the 'Floor' field, and the 'Room' field, with labels: 'building number of the community', 'floor number of each building', and 'Housing number of each floor' respectively.

Community structure	Building number	Housing number	Structure type
1	10	←	building
1	12	←	Floor
1	6	←	Room

building number of the community

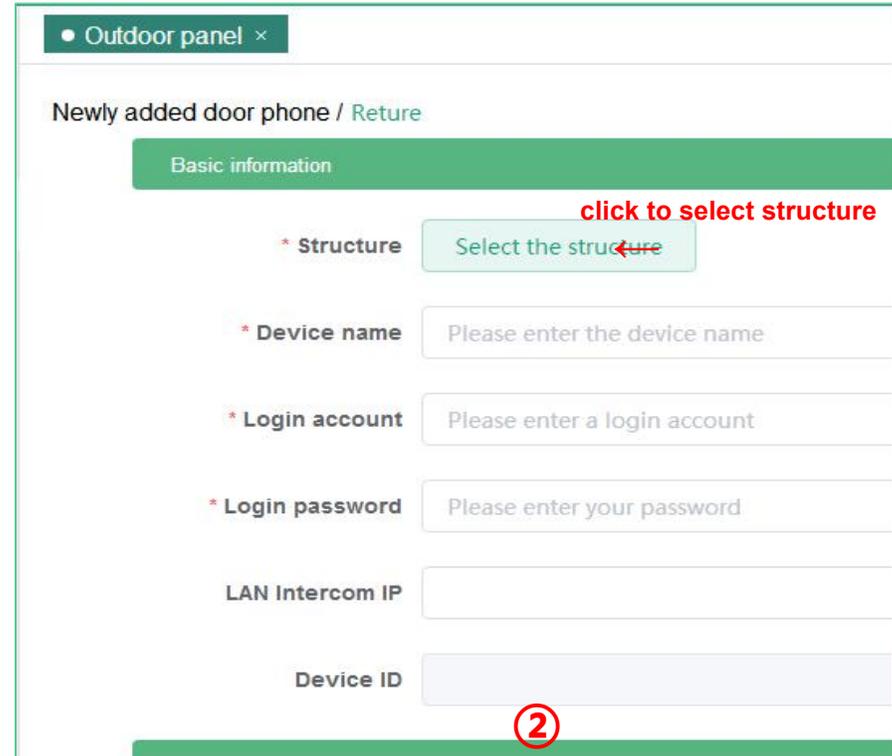
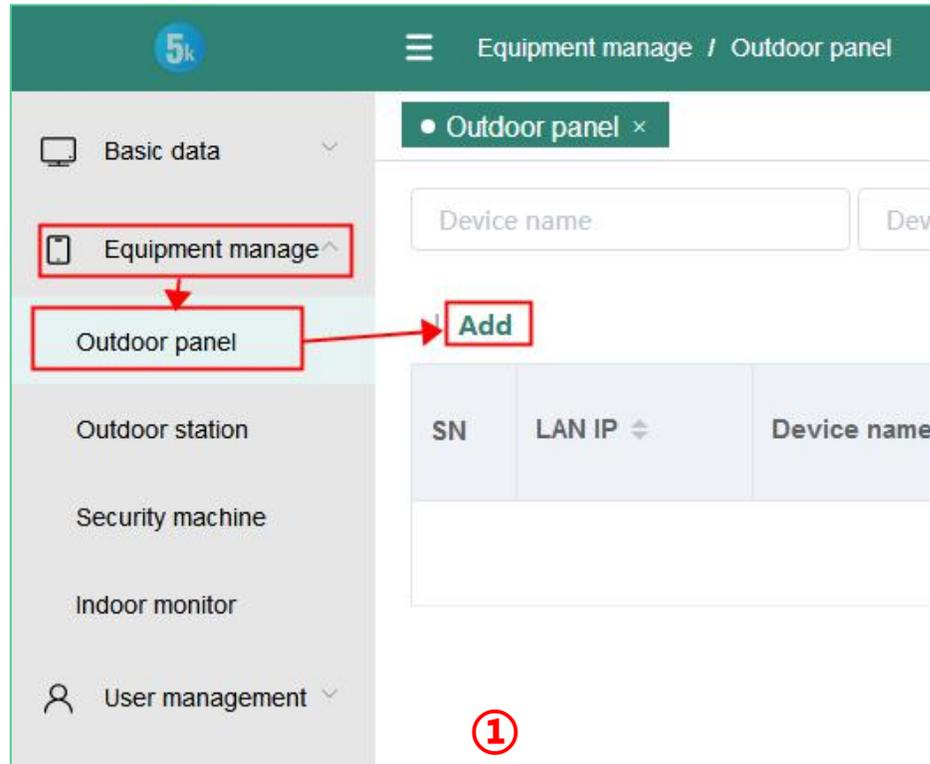
floor number of each building

Housing number of each floor

Cancel Determine

Click here to save

2. 5 Equipment manage -> Outdoor panel -> Add -> Basic information



2.5 Equipment manage -> Outdoor panel -> Add -> Basic information

Select the structure ×

Taichuan

- 1building ← choose proper building number for outdoor machine
- 2building
- 3building
- 4building
- 5building
- 6building
- 7building
- 8building
- 9building

click to save setting

3

Outdoor panel ×

Newly added door phone / Return

Basic information

* Structure [1building]

* Device name

* Login account set a login account for outdoor panel

* Login password set a login password for outdoor panel

LAN Intercom IP

Device ID

4

2. 6 Equipment manage -> Outdoor panel -> Add -> Functions setting

Basic data ▾

Equipment manage ^

Outdoor panel

Outdoor station

Security machine

Indoor monitor

User management ▾

Announcement ▾

Log management ▾

System tools ▾

Outdoor panel ×

Functions setting

Whether to use cloud ← Ignore it, don't select it
intercom

Using Sip phone call? ← this is not working, don't choose it

Using password ← choose it to enable password unlocking function
unlock?

Using unverified
Unlock?

Using bluetooth ← You could choose to enable the functions
unlock? according to your practical need

Using anti-tamper
unlock?

Turn on alarm for time-
out unlock?

2. 7 Equipment manage -> Outdoor panel -> Add -> Other setting

Basic data

Equipment manage

Outdoor panel

Outdoor station

Security machine

Indoor monitor

User management

Announcement

Log management

System tools

Outdoor panel

Other setting

Ringtone volume 5

Please choose the day 9

media

Please choose the 0

night media

Phone-call volume 4

Start time of night 0 Hours

End time of night 0 Hours

Auto restart time 3 Hours

Door lock alarm delay 120 Seconds

System configuration 159357 password

Public unlock password 111111

Create now Return

You could do the settings according to your need

Outdoor unit enters setting mode using this password

Click here after settings done

2. 8 Equipment manage -> indoor panel -> Add in bulk

The screenshot displays a web application interface for equipment management. The main navigation menu on the left includes 'Basic data', 'Equipment manage', 'Outdoor panel', 'Outdoor station', 'Security machine', 'Indoor monitor', 'User management', 'Announcement', 'Log management', and 'System tools'. The 'Equipment manage' section is expanded, showing 'Indoor monitor' selected. The main content area shows the 'Indoor monitor' management interface with a table containing columns for 'SN' and 'LAN IP'. A modal dialog titled 'Add in bulk' is open, featuring a 'Room' dropdown menu with the option 'Select your room' highlighted. Below the dropdown, there is a text input field for 'Number of sub indoor units' with the value '0'. The dialog also includes 'Cancel' and 'Determine' buttons. A red circle with the number '1' is located at the bottom center of the page.

Equipment manage / Indoor monitor

Indoor monitor ×

LAN IP

Q Inquire

Creation time

Add | Add in bulk × Delete

* Room Select your room

(Tip: When monitor already exists in the room, the newly added monitor is automatically converted to a sub indoor unit.)

Number of sub indoor units 0

Cancel Determine

①

Select your room

- Taichuan ← select the community
 - 1building
 - 2building ← select the building
 - 101Room ← select the room number
 - 102Room
 - 103Room
 - 104Room
 - 105Room
 - 106Room
 - 201Room
 - 202Room
 - 203Room
 - 204Room
 - 205Room
 - 206Room
 - 301Room
 - 302Room
 - 303Room

②

Add in bulk

this is room number you set

* Room

(Tip: When monitor already exists in the room, the newly added monitor is automatically converted to a sub indoor unit.)

choose the number of sub-indoor units

Number of sub indoor units

save settings

③

2. 9 User management -> User list -> Add

The screenshot displays a web application interface for user management. The main navigation menu on the left includes 'Basic data', 'Equipment manage', 'User management', 'User list', 'Card list', 'Announcement', 'Log management', and 'System tools'. The 'User list' section is active, showing a table with columns for SN, Household name, and Household telephone number. An 'Add' button is visible above the table, which leads to an 'Add user' modal form.

The 'Add user' form contains the following fields and annotations:

- * user type:** A dropdown menu set to 'Household'. A red box highlights this field, and a callout shows a list of options: Household, Security guard, Cleaners, Other, Visitors, Delivery personnel, and Delivery person.
- * Household name:** A text input field containing 'Stephan'. A red arrow points to this field with the annotation 'house owner name'.
- * Gender:** A dropdown menu set to 'Male'. A red arrow points to this field with the annotation 'Gender'.
- Phone number:** A text input field containing '13800001234'. A red arrow points to this field with the annotation 'only for intercom via mobile phone, get number from sales, if don't need cloud talk function, then forget it'.
- * Date of birth:** A date picker field set to '2020-08-04'.
- Address:** A text input field with the placeholder 'Please enter the address'.
- Nation:** A text input field with the placeholder 'Please enter the nation'.
- * Type of:** A dropdown menu set to 'other certification'.

At the bottom of the form, there are 'Cancel' and 'Determine' buttons. A red dotted box encloses the 'Address', 'Nation', and 'Type of' fields, with the annotation 'you could forget settings here'.

2. 10 User management -> User list -> Other info

5k User management / User list admin

• User list ×

Please enter household Please enter the house Please enter the full na Choose the review please choose th [Inquire](#)

| Add

SN	Household name	Household telephone	user type	Reviewed status	Creation time	Structure	Operating
1	Stephan	13800001234	Household	Pass	2020-08-04 09:57:14		Edit Delete Other info

Total 1 10/page < 1 > Go to 1

1

2. 10 User management -> User list -> Other info

The screenshot displays a web application interface for user management. The main content area shows the 'User list' page with a table for adding rooms. A modal dialog titled 'Add room' is open, showing a tree view of room categories. The 'Taichuan' category is expanded, showing a list of rooms from 101Room to 303Room. The '101Room' option is selected with a checkmark. A red arrow points to this option with the text 'Choose proper room number for user'. At the bottom of the dialog, there are 'Cancel' and 'Determine' buttons. A red arrow points to the 'Determine' button with the text 'click here to save'. A red circle with the number '2' is located at the bottom center of the dialog.

5k User management / User list admin

User list

Room information Card Information

Add room

SN Structure

101Room 102Room 103Room 104Room 105Room 106Room 201Room 202Room 203Room 204Room 205Room 206Room 301Room 302Room 303Room

Choose proper room number for user

click here to save

2

Cancel Determine

Return

on time Operating

3. TC-5000 Outdoor unit Setting

3. 1 IP configuration

- ① Connect power & RJ45 port to router
- ② Input 159357(default) to enter setting mode
- ③ intercom settings
- ④ local setting
- ⑤ advanced configuration
- ⑥ Dynamic allocation [confirm]
- ⑦ Return to setting



3. 2 Login outdoor unit

① Input 159357(default) to enter setting mode

② Login

③ Input account and password

④ Click connect

Outdoor panel ×

Newly added door phone / Return

Basic information

* Structure Select the structure [1building]

* Device name 1building

* Login account Please enter a login account set a login account for outdoor panel

* Login password Please enter a login password set a login password for outdoor panel

LAN Intercom IP IP address is within the scope of previous setting

Device ID

find it at 2.5

Note: you could set all other outdoor units one by one in same way

4. TC-5000 Indoor unit setting



①

Connect power , RJ45 port to router

②

Click [basic settings]

③

Ethernet

④

click [dynamic] and then click [x] to exit

⑤

setting

⑥

about equipment

⑦

quickly click [Kernel version] 3 times

⑧

login in [password 123456]

⑨

Click [auto configuration]

⑩

Choose proper room from structure image

⑪

Choose [Host](or sub if there is) and exit

Note: you could set all other outdoor units one by one in same way