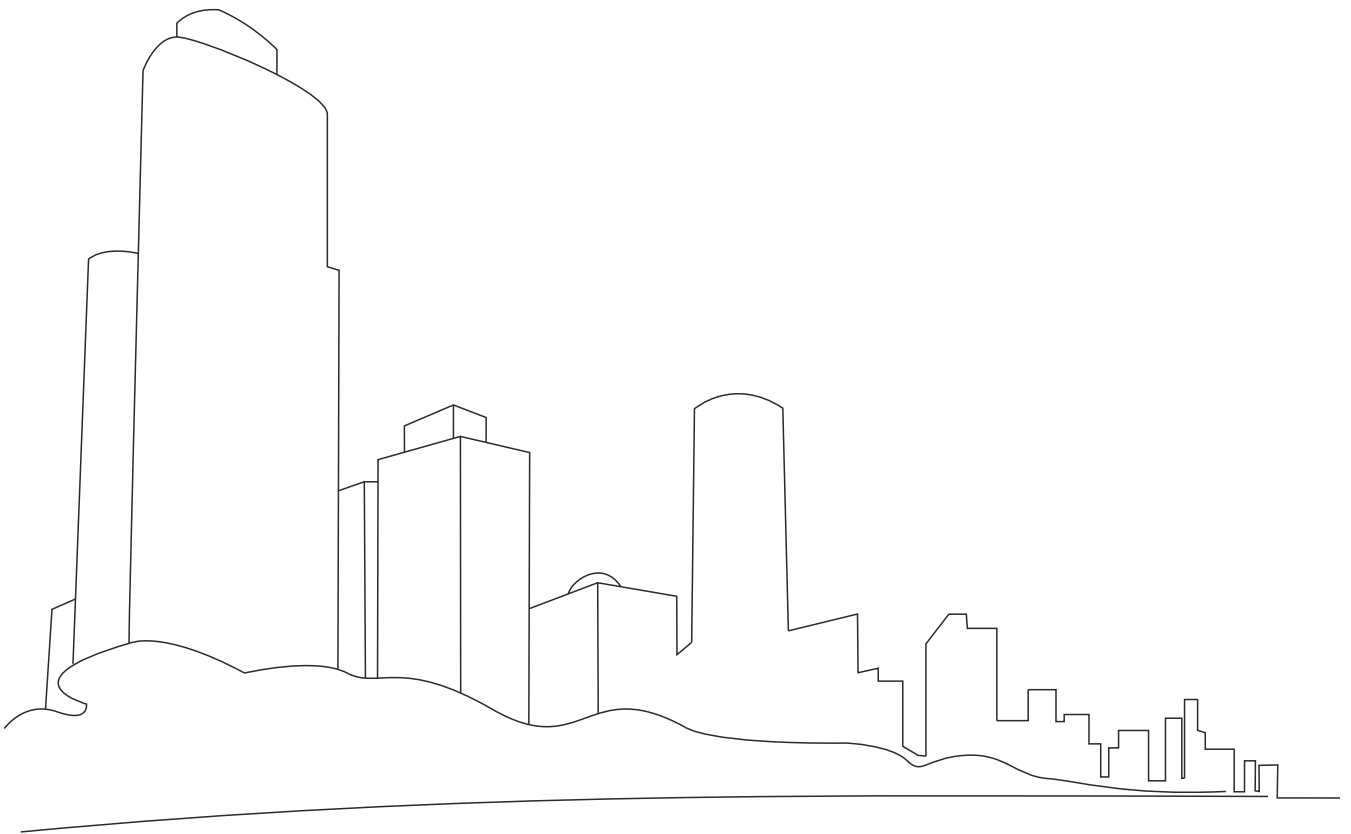


• Instructions •

For One Cable Video Building System



Content

System Introduction	-----	1
Icons	-----	2
Outdoor Station	-----	3
Features	-----	3
Parameters	-----	3
Operation of Outdoor Station	-----	4
Card access function settings	-----	6
Connection of Outdoor Station	-----	8
Indoor Monitor	-----	9
Appearance	-----	9
Notice	-----	9
Operation of Indoor Monitor	-----	10
Operation of Audio Phone	-----	12
Picture Memory	-----	14
Guard Station	-----	14
Second Confirm Outdoor Station	-----	14
Accessories	-----	15
Short Circuit Protector	-----	15
Network Connector	-----	15
Power Supply	-----	15
Multi-entrance Connector	-----	15
System Connection	-----	16

Intelligent building burglarproof intercom administration system

Features

- BUS connection.
- One cable system
- Network for community.
- Large capacity, 9999 Indoor Monitors are available in one building or community.
- System protect automatically, malfunction will be segregated to ensure the whole system safety.


















Functions

- Talking, unlocking, monitoring.
- Access control.
- Picture memory & message management.
- Support multi entrances.
- Support Guard Station.

Components

Main components	Accessories
Outdoor Station	Picture Memory
Indoor Monitor	Short Circuit Protector
Second-confirmed Outdoor Station	Network Connector
Guard Station	Power Supply
Wall Outdoor Station	Multi-entrance Connector

Icons

ICON	FUNCTION	ICON	FUNCTION
	Choose ring tone	SOS	Emergency
	Power		Calling
	Unlocking		Speaker
	Talking Volume adjust		Transferring
	Contrast		Audio transferring
	Message		Call Guard Station
	Talking		Ring tone volume
	Monitoring/Talking		Menu select
	Card		Brightness

Features

- Intercom with the Indoor Monitor.
- Intercom with the Guard Station.
- Receive the Unlocking signal from Indoor Monitor or Guard Station.
- 99 pcs of Outdoor Stations can be connected in the same building, each building can be connected to the next building, so the community is networked.
- Unlocking the door with user's password, the alarms will be disarmed simultaneously
Remark: set the user's password on the Indoor Monitor.
Unlocking the door with management password.
Remark: set the management password on the Outdoor Station.
- The Indoor Monitor or the Guard Station can monitor the visitor's image of the Outdoor Station.
- Night light compensation.
- Digital keypad with automatic night illumination.

Parameters

Power supply: DC15~18V (Typ:15V)

Power consumption: working 5.0W; standby 1.0W

Encoding: digital coding

Talking time: 60 s

Lowest illuminance: 0.1LUX

Output voice power: 100mW

Frequency response: 300-3400Hz±3dB

Working temperature: -25°C ~+65°C

Installation mode: flush mounted

Code / card access

CCD camera, 72 degree


Night light compensation



* Wall Outdoor Station can be the same appearance.

Operation of Outdoor Station

Operation

1. Press 1 to 4 digits + # button to call the user directly , if pressed the wrong number just press “*” button to clear it and re-press.
2. Press “0 + #” buttons to call the Guard Station.
3. The user (of each apartment) or the Guard Station can press  to open the outdoor while the visitor calling indoor from outdoor.
4. Unlock with password. The user can input his self-given password (which set by himself in advance) on the keyboard of Outdoor Station to unlock the door.

Unlocking way as follows:

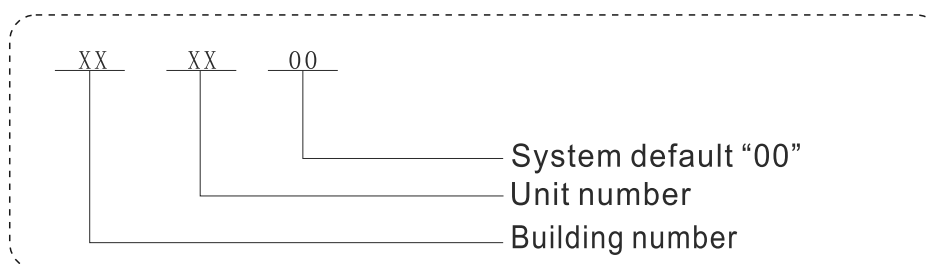
To input 4 digits room number and 4 digits password on Outdoor Station, the door opens. For example: the room number is 0102 and the password is 4567. press 01024567 to open the door with password, the screen display as follow:

Please press room number+
#button to confirm
0 1 0 2
* * * *

* Users can open the outdoor with management password, eg: 0000+management password (4-digits)

5. Coding rule of the Outdoor Station:

It has 6-digit address coding in the system, each address coding is unique. the first 4 digits can not be “0” at the same time, the fifth and sixth digits should be “00”, the meaning are as follows:



- 99 Outdoor Stations can be connected in the same unit of the building, but the last 2 digits “00” only show on the main Outdoor Station , and the codes of others should be in order “01, 02, 03...99”
- In the community, the first 2 digits is the number of the building, for example: 01 means building No.1, the system maximum supports 99 buildings. The third and fourth digits mean unit number, for example: 01 means unit No.1 of the building, the system maximum supports 99 units in a building.

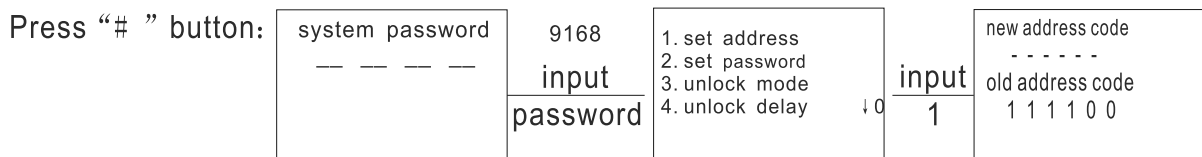
Operation of Outdoor Station

Coding for building & unit

Press “#” button on outdoor keyboard, then input default password 9168, press 1 (set address) on the menu, input 6 digits code. the new code will display at the forth line.

eg: if there is an Outdoor Station from the 11th unit of the 11th building, please press 111100, when you see the new code which you set jump to the forth line, it means success.

Note: the fifth digit and sixth digit both should be 0 when there is only one Outdoor Station and without Guard Station.



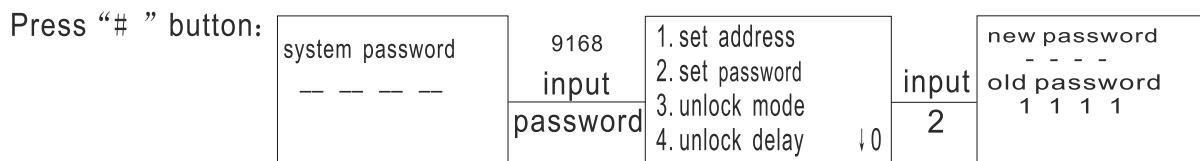
Coding method

According to the quantity of the building, the unit and the apartment, you need coding each Outdoor Station. if the system calling by 6 digits, coding the first 2 digits as “00”; if calling by 7 digits, coding the first digit as “0” .

There are 2 steps of coding for Outdoor Station, the first step is coding the first 4 digits, the building number and the unit number, the second step is the last 2 digits, coding the main Outdoor Station and the slave Outdoor Station.

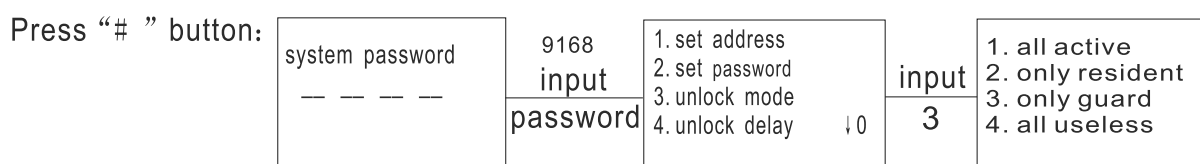
Setting management password

Press “#” on outdoor keyboard, then input the default password 9168, press 2 (set password) on the menu, input 4 digits code, the new code will display at the forth line, it means success.



Privilege of password unlocking

Press “#” on outdoor keyboard, then input the default password 9168, press 3 (unlock mode) on the menu, to choose a digit from 1 to 4 (each digit present reference function).

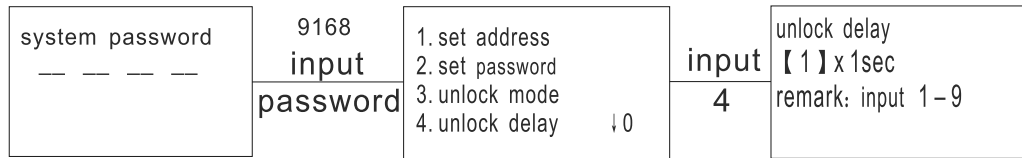


Card access function settings

Setting time delay for unlocking

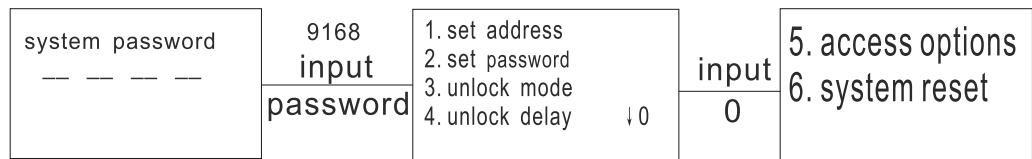
Press “#” on outdoor keyboard, then input the default password 9168, press 4 (unlock delay) on the menu, input a digit from 1 to 9 (basic unit is 1 second), setting success.

Press “#” button:



Access control management

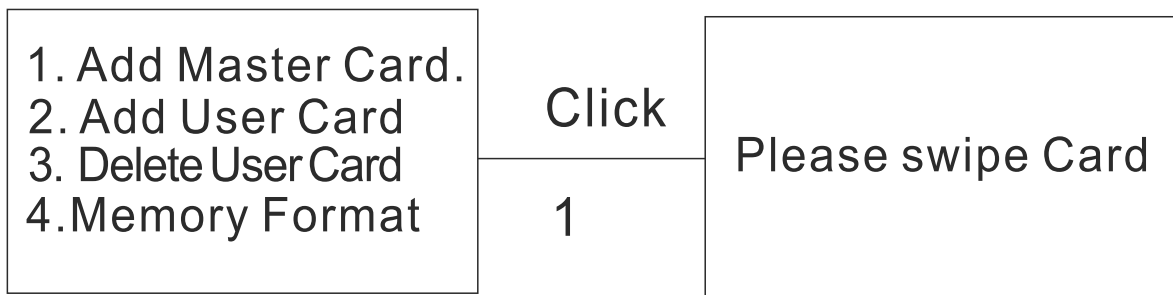
Press “#” button:



Card access function settings:

1. Add Master Card.

Under the setting mode, swipe the first card as Master Adding Card. Bi... sound means Master Adding Card registration success. Swipe the second card as Master Deleting Card. Bi...sound means Master Deleting Card registration success.



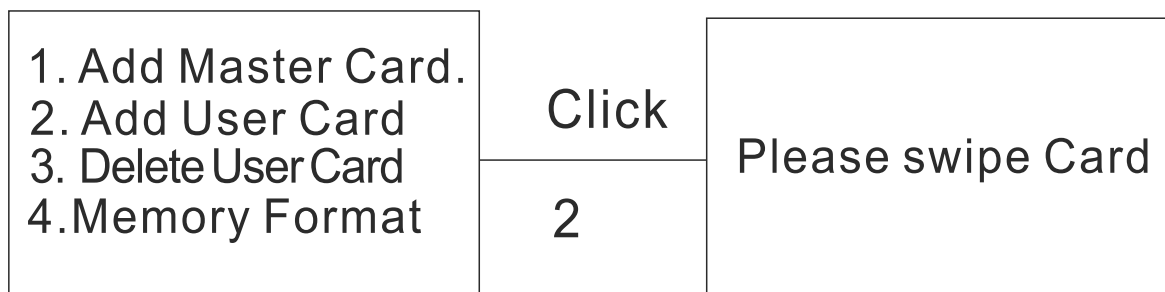
Notice:

Every Outdoor Station can only have one kit of Master Adding Card and Master Deleting Card. Also the records of Master Card cannot be deleted. If you want to register new Master Cards, you can do the same operation, system will replace the old card with the new Master Card. It will exit the setting mode within 8 seconds without any operations.

Card access function settings

2. Add User Card

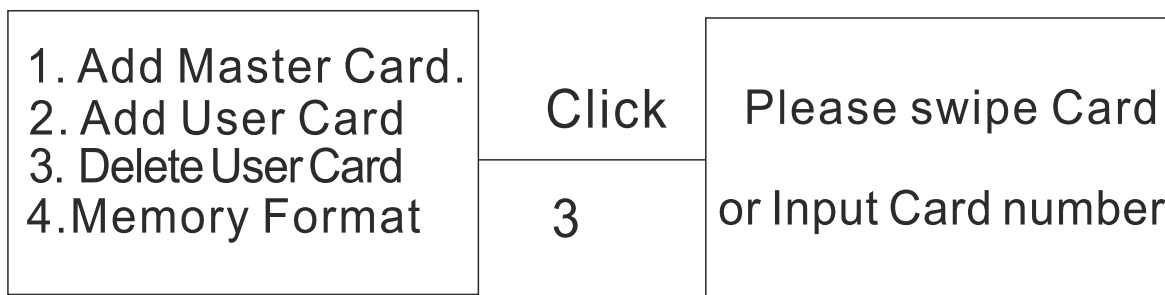
Under the standby status, swipe Master Adding Card first, the Outdoor Station voice Bi—Bi—, it means you've entered in the Add User Card mode, swipe User Card, the Outdoor Station voice Bi—, it means the card is added successfully. then you can continue to add many user cards within 8 seconds. Swipe the Master Adding Card again to exit Add User Card mode.



Notice: If you swipe User Card, the Outdoor Station voice BiBi to remind error, it means this card has been already registered. It will exit automatically within 8 seconds without any operations.

3. Delete User Card

Under the standby status, swipe Master Deleting Card first, the Outdoor Station voice Bi—Bi—Bi— and the light flash 3 times, it means you've entered in the Delete User Card mode, then you swipe User Card, the Outdoor Station voice Bi, it means the card is deleted successfully, now you can continue to add many user cards within 8 seconds. Swipe Master Deleting Card again to exit Delete User Card mode.

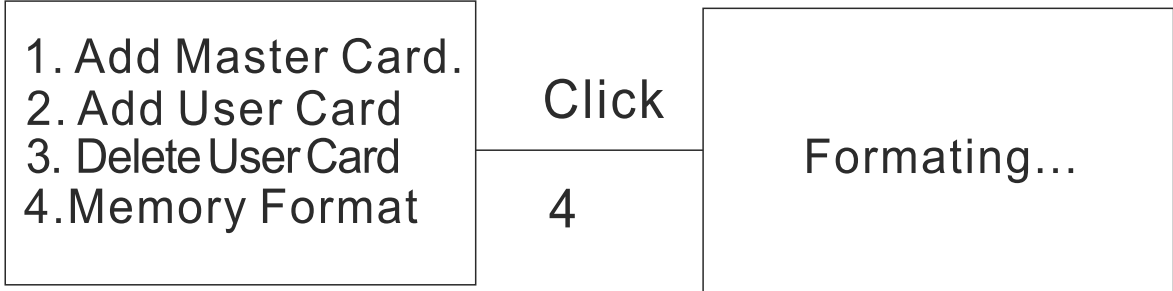


Notice: If you swipe User Card, the Outdoor Station voice BiBi to remind error, it means this card has been already deleted. It will exit automatically within 8 seconds without any operations.

4. Memory Format

Enter in Delete User Card mode then swipe the Master Adding Card, the Outdoor Station voice long Bi— and then on, it means memory formatted successfully.

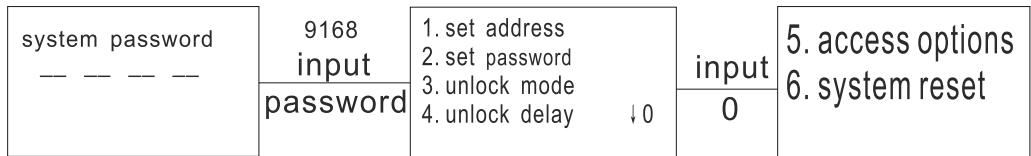
Connection of Outdoor Station



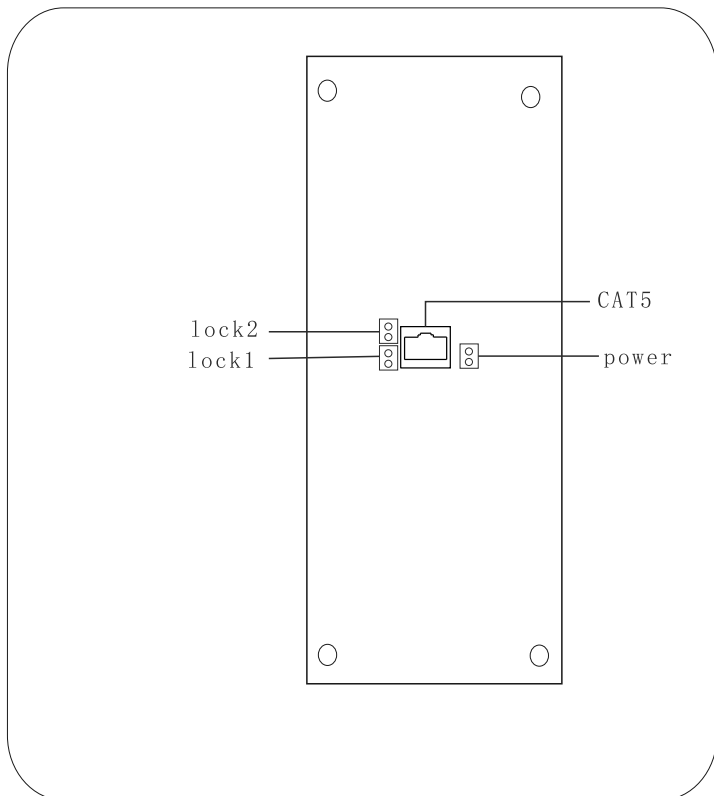
Notice: If you do this operation, it will delete all the records of User Cards. But the records of Master Card and the data of system will not be lost. It will exit automatically within 8 seconds without any operations.

Restore system

Press “# ” button:



Connection of Outdoor Station




Operation of Indoor Monitor

Setting Operation

Note: Before setting the parameters you must understand: How to enter the setting mode and how to set different functions?

How to enter the setting status

Keep pressing  for 3 seconds, after rings “ding dong”, entered setting status successfully, then you can enter each

How to enter each setting mode:

There are six setting modes in the system :

The first mode is setting the Indoor Monitor's address




The second mode is setting the Indoor Monitor's password for unlocking the door.

The third mode is setting the Indoor Monitor's ring tone

The fourth mode is setting the main Indoor Monitor and slave Indoor Monitor



The fifth mode is setting monitoring mode


The sixth mode is setting the Second-confirmed Outdoor Station or door bell

Press  “N” times to enter in the “N”th mode. (for example: if you want to enter the third mode, press  for 3 times), then press  to confirm, it rings “ding dong” means entered the third mode successfully.


Operation under the setting status:



The first mode: Setting the Indoor Monitor's address

Press  one then press  to confirm, it rings “ding dong” means entered the “setting Indoor Monitor's address” mode successfully. For example: if you want to set the address “0123” the steps are as followed:

First step: “0” means press  to confirm directly;



Second step: “1” means press  1 time +  to confirm ;

Third step: “2” means press  2 times +  to confirm

Last step: “3” means press  3 times +  to confirm

When the Indoor Monitor rings “ding dong”, it means the address is successfully set. It will exit automatically within 5 seconds without any operations.

The second mode: Setting the Indoor Monitor's password (4 digits)

Press  twice then press  to confirm, it rings “ding dong” means entered the “setting Indoor Monitor's password” mode successfully. The operations are similar to the setting Indoor Monitor's address. When the Indoor Monitor rings “ding dong”, it means the password is successfully set. It will exit automatically within 5 seconds without any operations.

Notice:

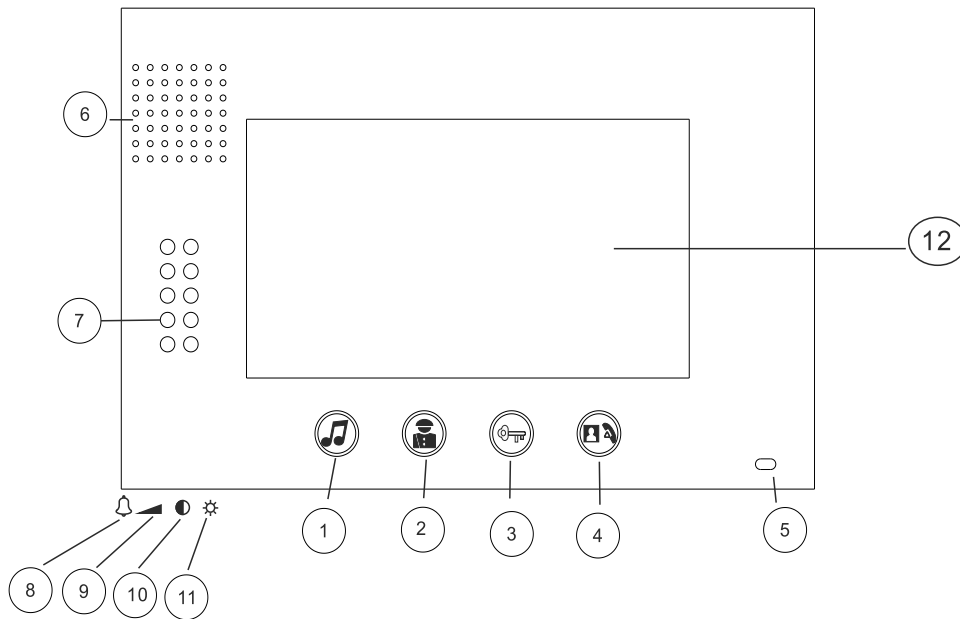
The effective password is set by the main Indoor Monitor. If you have set an Indoor Monitor's password, you can unlock the outdoor by password. The operation is as followed:

Press 4 digits Indoor Monitor's address and then press 4 digits Indoor Monitor's password on the outdoor keyboard to open the door (total unlocking password is 8 digits).

The third mode: Setting Indoor Monitor's ring tone

Indoor Monitor

appearance



①	Choose Ring tone	⑦	Indicator
②	Guard Station	⑧	Ring tone Volume
③	Unlocking	⑨	Talking Volume
④	Talking/Monitoring	⑩	Contrast
⑤	Microphone	⑪	Brightness
⑥	Speaker	⑫	Screen





Notice:






1. Do not put Indoor Monitor in wet areas.
2. Do not place the Indoor Monitor on an unstable table, to prevent malfunction or damage caused by falls.
3. Keep Indoor Monitor in where children hard to reach, avoid children take it as toys to avoid a bad result.
4. Please do not use needles and other sharp things to click the screen of Indoor Monitor.
5. Please don't impact, shake or throw. Handle with care.
6. Please install this product guided by professional installer.

Cleaning and maintenance

1. Indoor Monitor is not water-proof and do not use it in high humidity place, like bathroom, also to avoid the rain.
2. If the screen is a bit dirty, must use a soft, dry cloth gently wipe the screen.
3. Dirt socket will lead to a bad contact, power failure. Please regularly clean the panel.

Operation of Indoor Monitor



Press  3 times then press  to confirm, it rings “ding dong” means entered the “setting Indoor Monitor’s ring tone” mode, then press  to choose the ring tone, press  to confirm. When the Indoor Monitor rings “ding dong”, it means the ring tone is successfully chosen. It will exit automatically within 45 seconds without any operations.

The fourth mode: Setting the main Indoor Monitor and slave Indoor Monitor Press  4 times then press  to confirm, it rings “ding dong” means entered the “setting main Indoor Monitor and slave Indoor Monitor” mode successfully. Default: the address is 2 digits, “00” means the main Indoor Monitor, all the Indoor Monitors’ factory setting is “00”. When you set the slave Indoor Monitor, you should start from “01” to “99”, for example: “03” means the third slave Indoor Monitor, press  first, then press  3 times and press  to confirm. When the Indoor Monitor rings “ding dong”, it means the main Indoor Monitor and slave Indoor Monitor is successfully set.



Notice:



1. The first 4 numbers XXXX of the slave Indoor Monitor’s address should be the same as the main Indoor Monitor.
2. If there are more than one Indoor Monitors in one apartment, you can only set one main Indoor Monitor, others are slave Indoor Monitors. The address of main Indoor Monitor is XXXX00 and the address of the slave Indoor Monitors should be set from XXXX01 to XXXX99.
3. The visitor calls the apartment only need to press first 4 numbers XXXX, all the Indoor Monitors will ring in the same time to remind calling.



The fifth mode: Setting the monitoring mode

Press  5 times, then press  to confirm. It rings “ding dong”, means entered the “setting monitoring mode” successfully.

“0” means no monitoring. Press  to confirm directly.



“1” means only monitor the Outdoor Station. Press  once, then press  to confirm. This mode is defaulted.

“2” means only monitor the Second-confirmed Outdoor Station. Press  twice, then press  to confirm.

“3” means monitor the Second-confirmed Outdoor Station first, then monitor the Outdoor Station. Press  3 times, then press  to confirm.

When the Indoor Monitor rings “ding dong”, it means the monitoring mode is successfully changed. It will exit automatically within 5 seconds without any operations.

The sixth mode: Setting the Second-confirmed Outdoor Station or door bell




Press  6 times, then press  to confirm. It rings “ding dong”, means entered the “setting calling mode” successfully.

“0” means connect with Second-confirmed Outdoor Station. Press  to confirm directly. This mode is defaulted.








“1” means connect with door bell. Press  once, then press  to confirm.

When the Indoor Monitor rings “ding dong”, it means connection is successfully changed. It will exit automatically within 5 seconds without any operations.



User Operation

1. When the visitor calls, the corresponding Indoor Monitor will ring, the user can press  to start talking, then press the  again to end the call.
2. Under the talking mode, users can press  to unlock the door.

Operation of Audio Phone


3. Under the talking mode, users can press  to transfer the calling to another Indoor Monitor or Audio Phone.
4. Under the standby mode, users can press  to call the Management Center.
5. Under the standby mode, press  to choose Indoor Monitor's ringtone, press  to confirm.
6. Under the standby mode, press  to monitor the Outdoor Station or Second-confirmed Outdoor Station.
7. Under the standby mode, press  twice then press  to confirm. When the indicator light flashes, it means entered the "No disturb" mode successfully. Press any buttons can exit the mode.

Alarms setting

Under the standby mode, press  once + , the indicator light flashes for 100 seconds, and the alarms setting will be done when the indicator light stop flashing. If someone triggered the alarms, the alarms will ring 40 seconds and send the alarms record to the Guard Station automatically.

Disarming setting


There are 2 ways to disarm:

1. When unlock the Outdoor Station by the owner's password (Indoor Monitor's password), the alarms will be disarmed simultaneously;
2. The alarm indicator light is flashing while arming, press  4 times, the indicator light stop flashing, it means disarmed successfully .

Operation instruction of Audio Phone




Unlocking

While outdoor calling Audio Phone, pick the handset up and press  to open the door.

Guard Station

Press  to call the Guard Station.

Transferring

While outdoor calling indoor phones, pick the handset up and press  to transfer to another indoor.



Setting operation

How to enter the setting mode

Keep pressing  for 3 seconds, after rings "ding dong", entered the setting status successfully

Operation under the setting status:

The first mode: Setting the Audio Phone's address

Press  once then press  to confirm, it rings "ding dong" means entered the "setting Audio Phone's address" mode successfully. For example: if you want to set the address "0123" the steps are as followed:

Operation of Audio Phone

First step: “0” means press **///** to confirm directly;

Second step: “1” means press **☎** time+ **///** to confirm ;

Third step: “2” means press **☎** 2 times + **///** to confirm ;

Last step: “3” means press **☎** 3 times + **///** to confirm.

When the Audio Phone rings “dingdong”, it means the address is successfully set. It will exit automatically within 5 seconds without any operations.

The second mode: Setting the Audio Phone’s password (4 digits)

Press **☎** twice then press **///** to confirm, it rings “ding dong” means entered the “setting Audio Phone’s password” mode successfully. The operations are similar to the setting Audio Phone’s address. When the Indoor Monitor rings “ding dong”, it means the password is successfully set. It will exit automatically within 5 seconds without any operations.

The effective password is set by the main Audio Phone. If you have set an Audio Phone’s password, you can unlock the Outdoor Station with password. The operation is as followed:

Press 4 digits Audio Phone’s address and then press 4 digits Audio Phone’s password on the outdoor keyboard to open the door.

The third mode: Setting the main Audio Phone and slave Audio Phone

Press **☎** 4 times then press **///** to confirm, it rings “ding dong” means entered the “Setting the main Audio Phone and slave Audio Phone” mode successfully.

Default: the address is 2 digits , “00” means the main Audio Phone, all the Audio Phones’ factory setting is “00”.

When you set the slave Audio Phone, you should start from “01” to “99”, for example: “03” means the third slave Audio Phone, press **///** first, then press **☎** 3 times and press **///** to confirm. When the Audio Phone rings “ding dong”, it means the slave Audio Phone is successfully set.

Notice:

1. The first 4 numbers XXXX of the slave Audio Phone’s address should be the same as the main Audio Phone.
2. If there are more than one Audio Phones in one apartment, you can only set one main Audio Phone and others are slave Audio Phones. The address of main Audio Phone is XXXX00 and the address of the slave Audio Phone should be set from XXXX01 to XXXX99.
3. The visitor calls the apartment only press first 4 numbers XXXX, all the Audio Phones will ring in the same time to remind calling.

User operation

Talking

While Outdoor Station is calling Audio Phones, pick the handset up and start talking.

Unlocking

Under the talking mode, press **☎** to unlock the door.

Transferring

Under the talking mode, press **///** to transfer to another Indoor Monitor.

Guard station

Under standby mode, press **///** to call the Guard Station.

No disturb mode

Under standby mode, press **☎** twice, then press **///** to confirm. When the indicator light flashes, it means set the “No disturb” mode successfully. Press any buttons can exit the mode.

Picture Memory



Picture memory function

1. Capacity --- 1000 pictures

2. Operation:

(1) Saving picture when the visitor calls.

The outdoor camera will take one picture and save it to the Image Memory.

(2) Checking picture under the standby mode. Keep pressing  button for 3 seconds to enter the picture checking mode, press  once can check the latest picture, each pressing can check one picture .

3. Note:

Each user can only check his visitors' images, cannot check the visitors' images of other users.

Picture Memory

Input Voltage: DC 15V
Working Current: 400mA
Capacity: 1000 color pictures



Guard Station

7" TFT
Power input: DC 15V
Resolution: 1440*234
Temperature: -25°C~65°C
Working Current: 350mA
Standby Current: 70mA
Handset
Dimension: 325*270*140(mm)



Second-confirmed Outdoor Station

Aluminum alloy panel, anti-vandal
Surface mounted
Function: calling / talking
Working Voltage: 12V
Working temperature: -25°C~ 65°C
Dimension: 92*130*42(mm)



Note: install at the door of each apartment

Short Circuit Protector

Short Circuit Protector is a very important part for transmission of signal, distribute and expand the video signal. It can isolate malfunction automatically to ensure the building system working smoothly.



Network Connector

Input Voltage DC15V
Working Current: 60mA
Dual signal transmission

Power Supply

Power Supply
Input : 100 ~ 240 V—3A
50 / 60 Hz
Output: 18V---3A(N18061)
Support 8pcs-12pcs Indoor Monitors

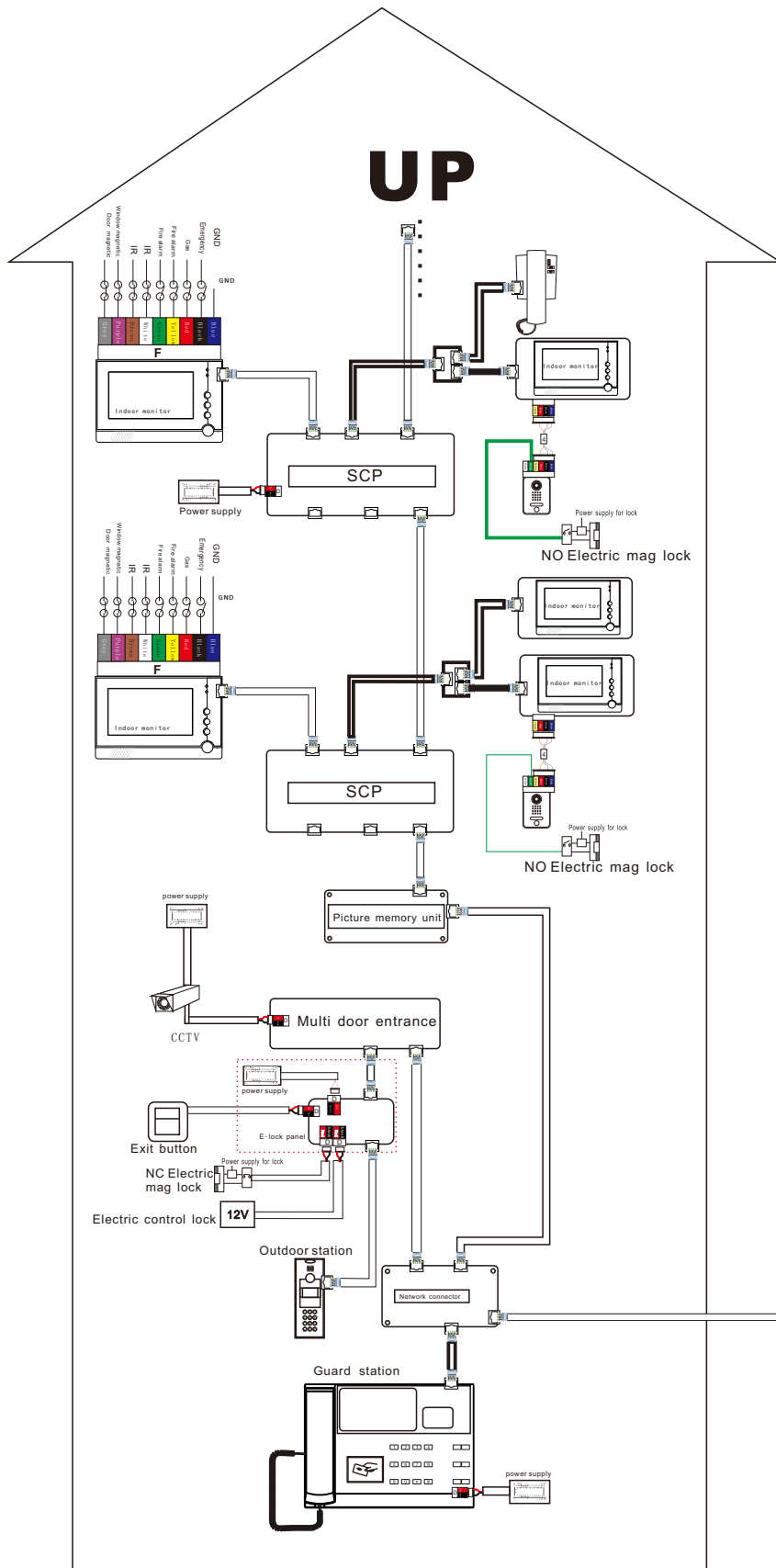


Multi-entrance Connector

Input Voltage: DC15V
Working Current: 36mA
Maximum connect 4 entrances
Connect to Outdoor Station or Camera



ONE CABLE SYSTEM



ONE CABLE SYSTEM

