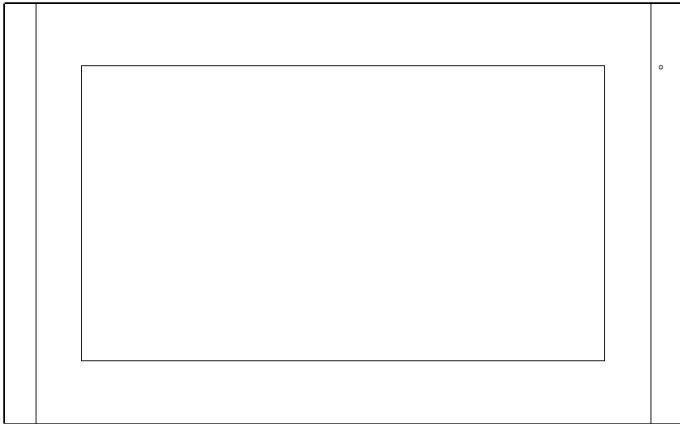


# User Manual

## Indoor Station



**H Series VDP Indoor Station Manual\_V1.1**  
**H-IS32S**

# Attentions

1、 Please keep devices away from strong magnetic field , high temperature , wet environment ;



2、 Please do not fall the devices to the ground or make them get hard impact ;



3、 Please do not use wet cloth or volatile reagent to wipe the devices ;



4、 Please do not disassemble the devices.

# Content

Chapter 1 Function Review .....	1
Chapter 2 Product Introduction .....	2
2.1 Product Appearance .....	2
2.2 Product Dimension .....	3
2.3 Parameter .....	3
2.4 Interface Introduction .....	4
Chapter 3 Basic Function .....	5
3.1 Standby Interface .....	5
3.2 Call in .....	7
3.3 Information .....	8
3.4 Call .....	9
3.5 Surveillance .....	10
3.6 Alarm System Setting .....	11
3.7 Away with Arming/Disarming Mode .....	12
Chapter 4 System Setting .....	13
4.1 Time Setting .....	13
4.2 IP Camera Setting .....	13
4.3 Call Divert Setting .....	14
4.4 Password Setting .....	14
4.5 Ringtone Setting .....	15
4.6 Display Setting .....	16
4.7 Language Setting .....	17
4.8 Configuration Setting .....	17
4.9 Screen Cleaning .....	19
Chapter 5 Installation .....	20
5.1 Installation Height .....	20
5.2 Installation Instruction .....	21
Chapter 6 Defense Area Wiring .....	22
6.1 Defense Area Wiring Diagram .....	22
6.2 Defense Property Instruction .....	23
6.3 Doorbell Function .....	23

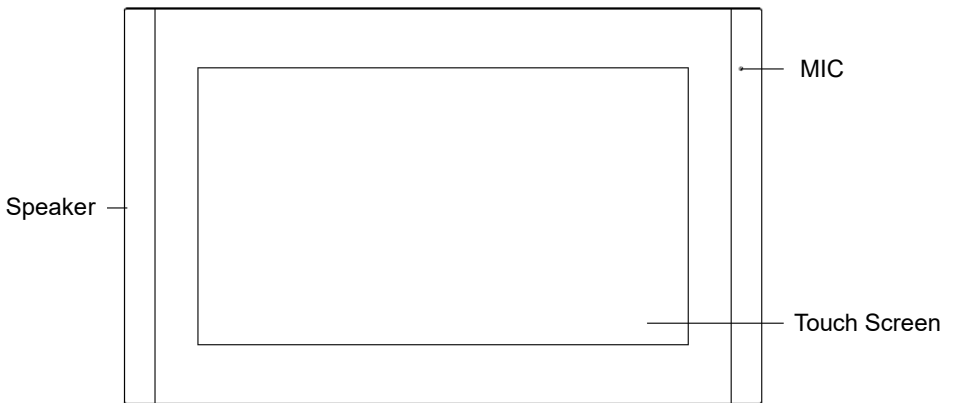
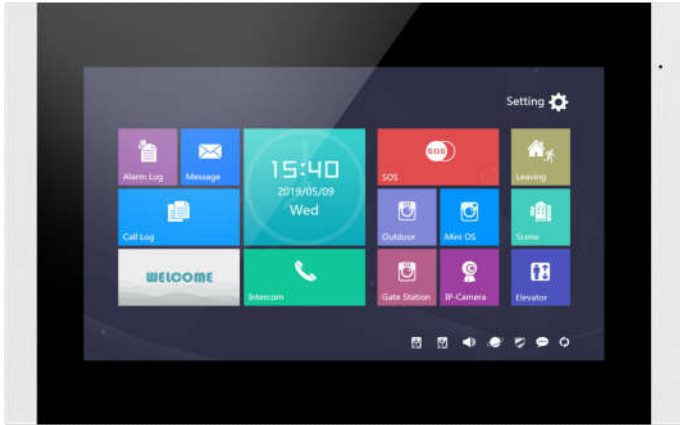
# Chapter 1 Function Review

This product, based on TCP/IP transmission protocol, is the main device for the H series video door phone system, it supports video phone, defense area setting and picture pushing. Details of the device are as follows:

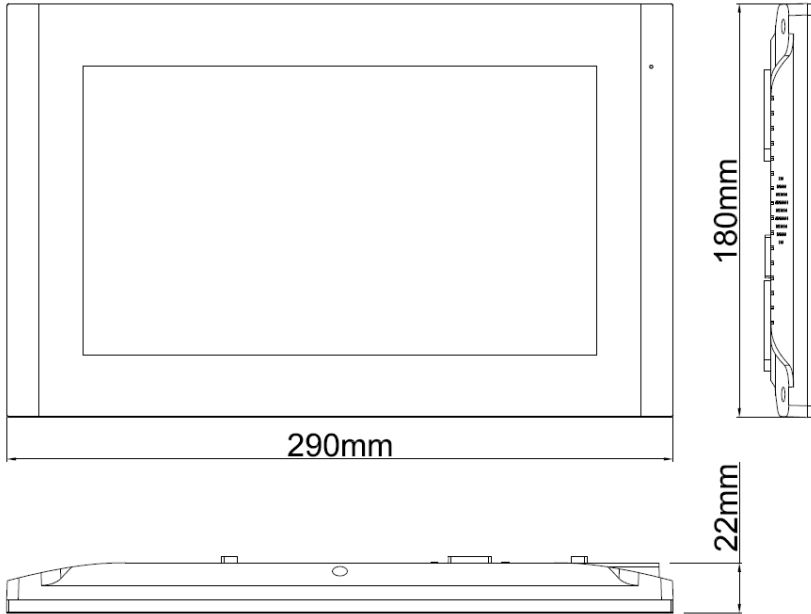
- **10.1" capacitive touch screen**
- **Support 48V standard PoE switch**
- **Support connection to doorbell and mini outdoor station**
- **Support extendable elevator-reserve service**
- **Support real time surveillance to outdoor/mini outdoor station, IP camera**
- **Support message receiving and sending from managercenter**
- **Support multi-indoor-station in apartment, synchronizing arm/disarm**
- **Support video phone between residents and visitors/guard unit**
- **Support intercom function between residents in the same community**
- **Support standard 7 defense areas alarm function**

# Chapter 2 Product Introduction

## 2.1 Product Appearance



## 2.2 Product Dimension



## 2.3 Parameter

Working Voltage: DC 24V

Device Quiescent Current:  $\leq 90$  mA

Device Working Current:  $\leq 210$  mA

Defense Area Output Current:  $\leq 200$  mA

(only when powered separately, defense area output voltage 12V)

Screen Size: 10.1 inch

Resolution: 1024 × 600

Appearance Dimension (L × W × D): 290 × 180 × 22mm

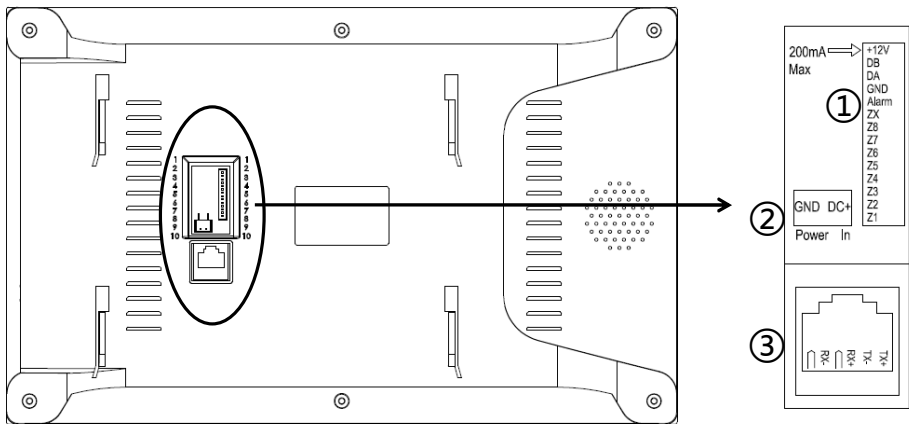
Environment Temp.:  $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Call Waiting: 30s

Call Duration: 120s

Surveillance Duration: 30s

## 2.4 Interface Introduction



### Number①:

+12V, GND: defense area detector power terminal (current $\leq$ 200mA).

DA/DB: 485 terminals (extension for defense zone and smart home function ).

Alarm: alarm output interface (reserved) .

Z8: default doorbell function.

Z7 to Z1: standard defense area interface, support normal open/close security module.

ZX: reserved interface.

### Number②:

Power input terminals: DC 24 V.

### Number③:

Network Port (standard DC 48V POE switch).


**NOTE:** The installation bracket of indoor station is not designed to the middle of the device back.

# Chapter 3 Basic Function


## 3.1 Standby Interface




### Alarm Record

Press  to check out alarm history and set each defense area.


### Information

Press  to check out messages pushed by managercenter.


### Call Log


Press  to check, read, delete call history of all types.


### Call


Press  to enable a call to either guard unit, other residents or other indoor stations in this apartment.

### Video Surveillance


Press  to monitor outdoor station.

Press  to monitor mini outdoor station .


Press  to monitor gate station.

Press  to monitor IP cameras.


## SOS

Long press  for 3 seconds so that an SOS message will be sent to guard unit.


## Away with Arm/Disarm Mode

Press  and input the password to enable Away with Arm/Disarm Mode.


## Smart Home

Press  to enable smart home scenario control (when smart home system is connected).

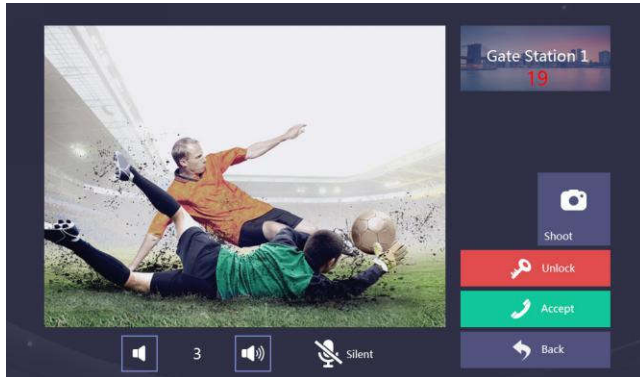
## Elevator Reserve

Press  to reserve an elevator to the floor one lives.

## Setting

Press  to enter Setting page.




## 3.2 Call in




Calling Page

**Basic workflow: ring bell⇒talk⇒unlock⇒call ended**

### Incoming Call:

- 1) Visitor can call indoor station through outdoor station, the bell of indoor station rings.
- 2) Resident Press  to answer the call.
- 3) During the call, resident can Press  to unlock the gate/door, 5s after unlocking the call will be ended automatically.
- 4) Resident Press  to end call.

### Image Capture:

- 1) During the call, resident can Press  to capture images.
- 2) Images captured will be saved in Call Log in stand-by page.

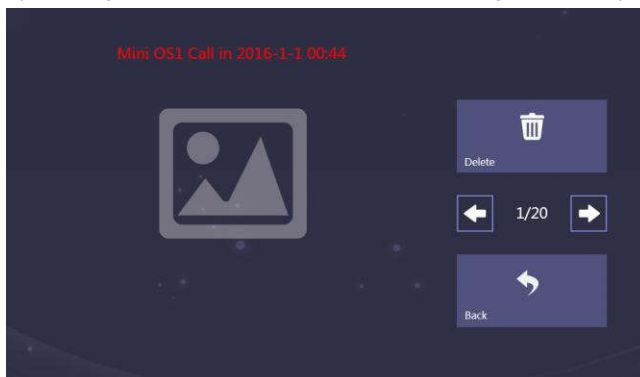

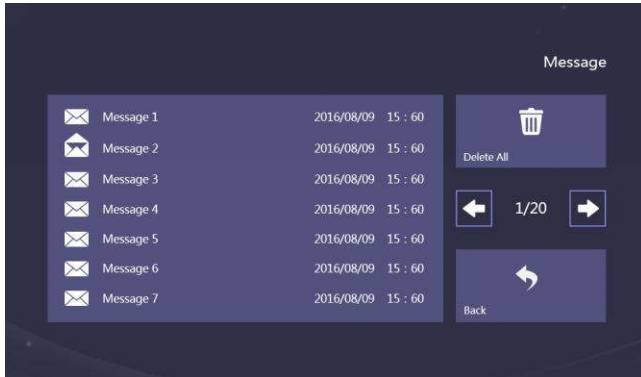


Image Captured

### 3.3 Information

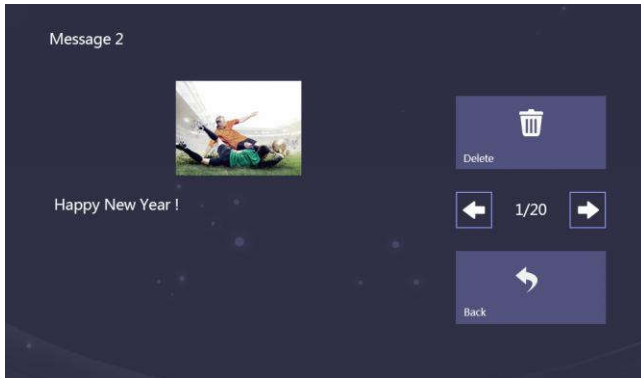
Press  to enter information page to check messages received from managercenter.



*Information Page*


### Read Information

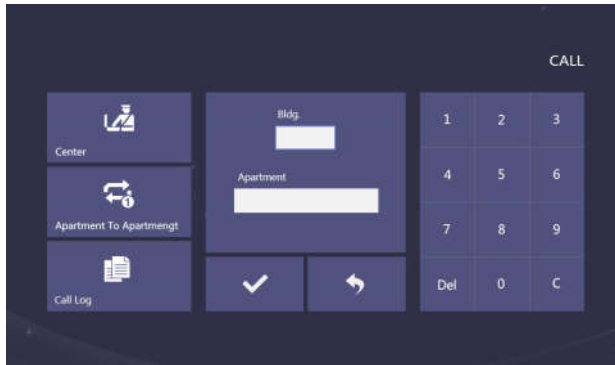
Choose a message to open and read or delete the message.



*Message Page*

### 3.4 Call

Press  in stand-by page to enter calling page.




Calling Page with dial pads

#### Call indoor station

**Basic workflow: call⇒ring bell⇒talk⇒call ended**


1) Call

Press  to enter indoor station list and call/broadcast to these indoor stations.

Input building No., apartment No., and Press  to confirm to call other residents; if only apartment No. is typed in, then the building No. will be defaulted as ZERO.

2) Indoor station rings the bell.

3) Call answered by resident.


4) Press  to end the call.

#### NOTE:

1. When talking to residents in the same unit, elevator can be reserved in pop-up.
2. During calling residents can choose to answer when there's a new call coming in.

#### Call Guard Unit

**Basic workflow: call⇒talk⇒call ended**

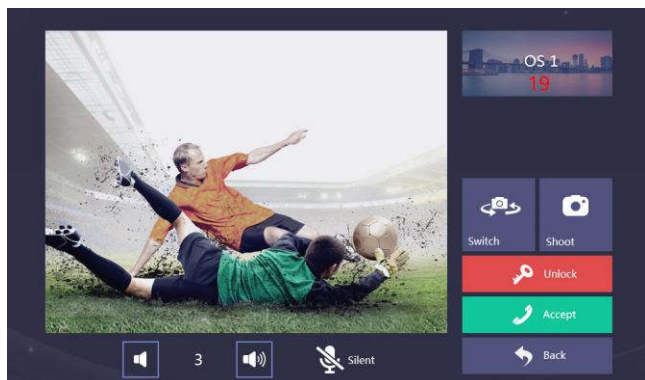
1) Press  to start a call to guard unit.

2) Guard unit bell rings.

3) Talk with guard unit..

- 4) Press  to end call.

## 3.5 Surveillance






*Monitoring page*

The surveillance includes monitoring outdoor station, mini outdoor station, gate station and IP cameras.

### Monitor and Unlock

**Basic workflow: choose monitored device**  $\Rightarrow$  **monitor**  $\Rightarrow$  **unlock**  $\Rightarrow$  **end**

- 1) Press  in stand-by page to enable surveillance function.
- 2) Press  to unlock for the visitors during the surveillance.
- 3) Press  to end surveillance.


### Image Capture in Surveillance

During surveillance, press  to capture images.


**NOTE:** Images captured will be saved in Call Log.

## Visitor Call in Surveillance


**Basic workflow: monitor⇒talk⇒call ended**

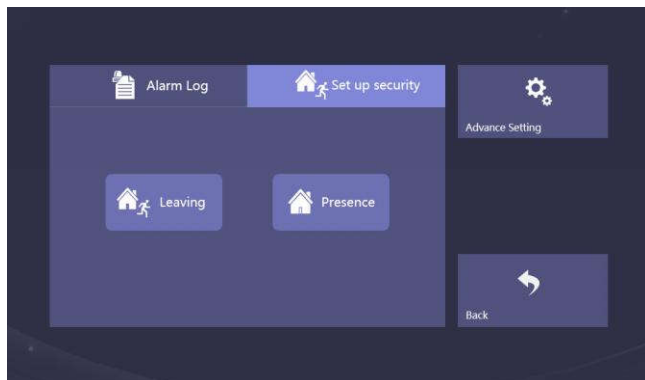
During surveillance to outdoor stations, press  to talk with visitor.

## Community Surveillance


Press  to start monitoring IP cameras in the community.

## 3.6 Alarm System Setting

Press  in stand-by page to enter alarm system setting page.

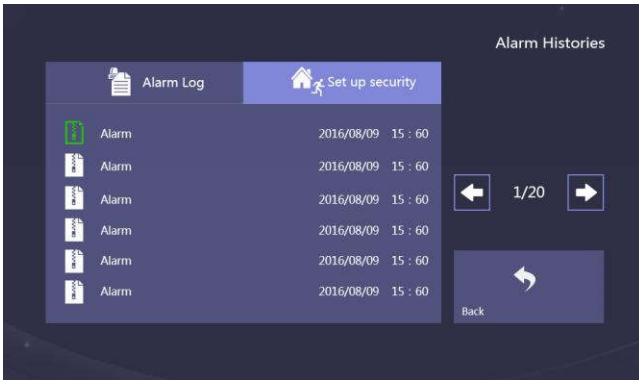


*Alarm System Setting page*

Click  to input user password to enable the setting of defense is a property (Default user password: 666666).

### **NOTE:**

1. Under disarming, the page shows disarm icon to ensure the user to disarm when needed.
2. Under arming, when user is threatened, he can input hijack password to disarm, a hijack message will be sent to guard unit to cause attention (hijack password needs to be set).




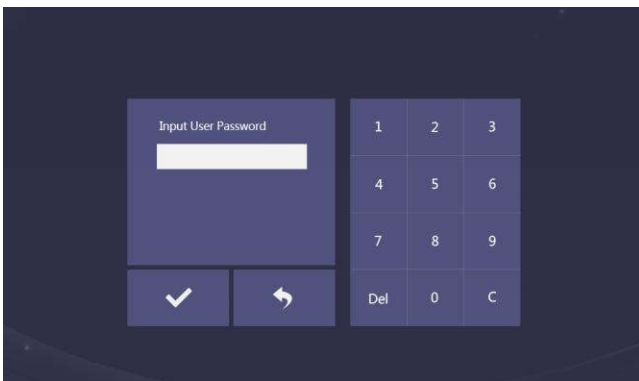
*Defense area setting status*

## Alarm System Setting

In the page of alarm system setting, residents can switch on/off each defense area, choose defense area type and trigger conditions, relevant defense areas types and trigger conditions please refer to Defense Area Wiring.

## 3.7 Away with Arming/Disarming Mode

Press  to arm/disarm home.



*Password Input page*

### Under arming, the user can:


Disarm: input the password to disarm.

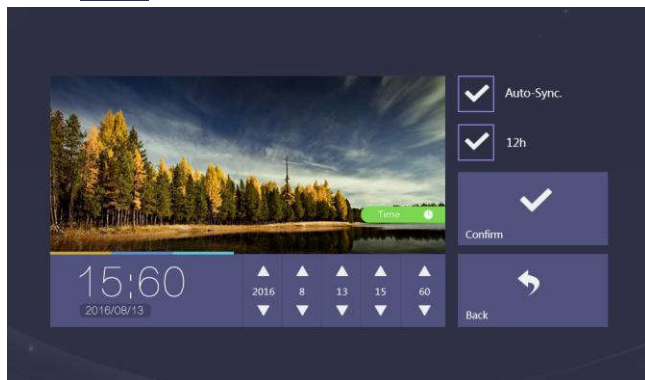
### Under disarming, the user can:

Arm: input the password and enter arming delay, leave the area before the delay time's up.

# Chapter 4 System Setting

## 4.1 Time Setting


Press  to enter time setting from stand-by page.

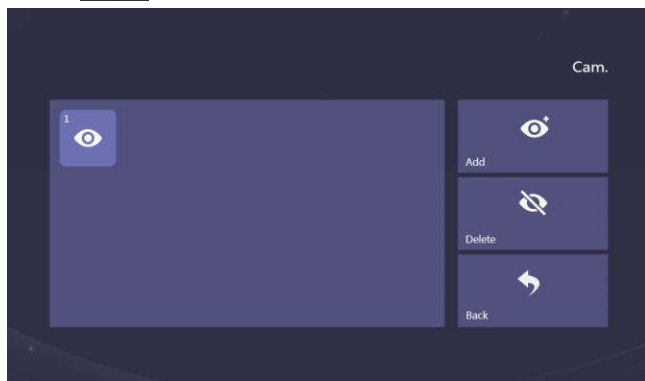


*Time Setting page*

Time synchronization will allow the indoor station keeping in the same time with PC.

## 4.2 IP Camera Setting

Press  in stand-by page to enter IP camera setting.




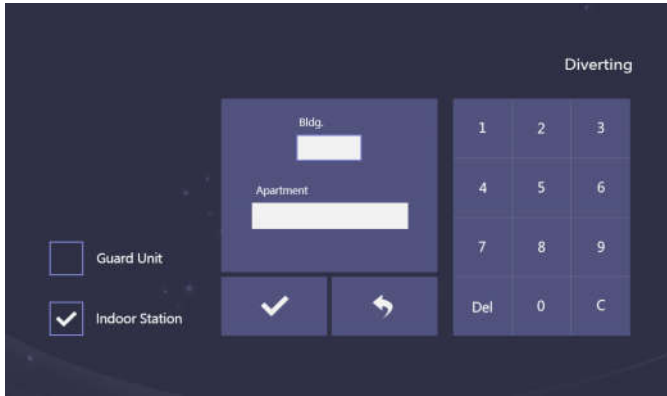
*IP Camera Setting page*

Add or delete the IP cameras to this indoor station.

When adding camera, the camera code needs to be typed in.

### 4.3 Call Divert Setting

Press  in stand-by page to enter call divert setting page.




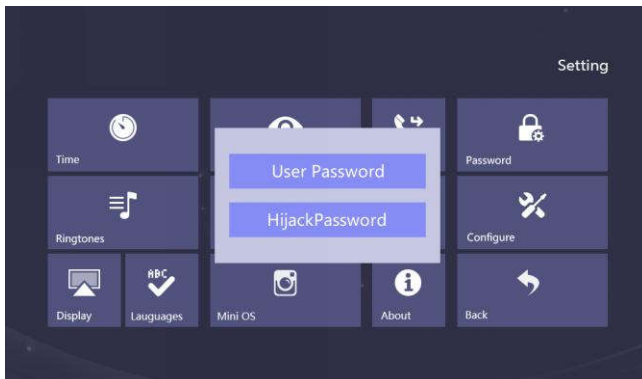
*Call Divert Setting page*

- 1) Choose device type.
- 2) When the device is indoor station, the target apartment No. must be typed in.

**NOTE:** When guard unit is chosen, room No. can be vacant.

### 4.4 Password Setting

Press  in stand-by page to enter password setting.



*Password Setting page*

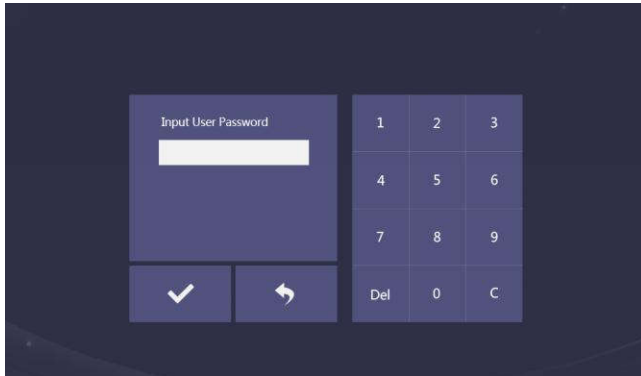
#### **User Password**

Input default password  $\Rightarrow$  input new password  $\Rightarrow$  confirm (default password: 666666)

## Hijack Password


Enter (user/default) password  $\implies$  enter hijack password  $\implies$  enter hijack password again.

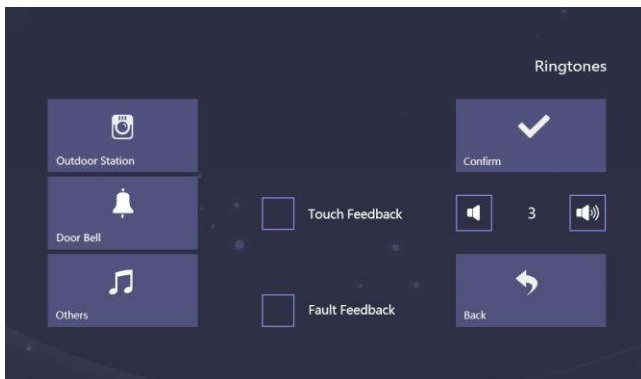
(hijack password should be set by using user password, they MUST DIFFER).



*Hijack Password Setting page*

## 4.5 Ringtone Setting

Press  in stand-by page to enter ringtone setting page.



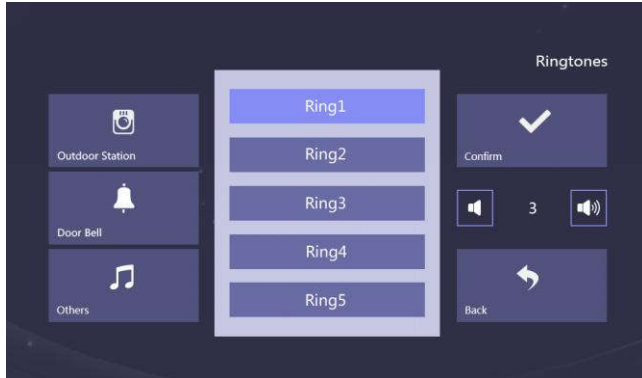
*Ringtone Setting page*

### Ringtone Setting

- 1) Adjust ringtone volume.
- 2) Touch tone and fault tone setting.

## Ringtone Choosing


Choose a ringtone according to the given list.

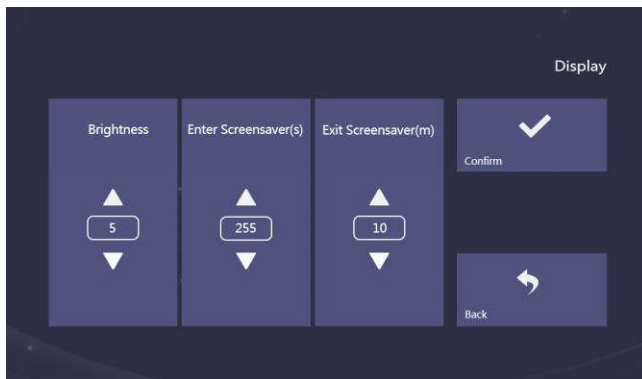


*Ringtone List page*

**NOTE:** Other ringtone means the incoming ringtone of guard unit and indoor station .

## 4.6 Display Setting


Press  in stand-by page to enter display setting.

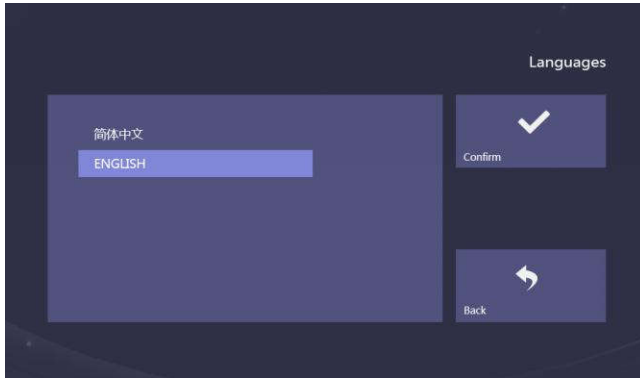


*Display Setting page*

- 1) Adjust screen brightness.
- 2) Set screen saver starting and ending time.

## 4.7 Language Setting


Press  in stand-by page to enter language setting.

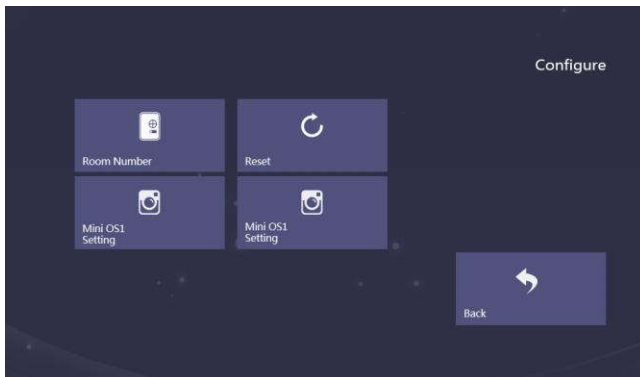


*Language Setting page*

Set the language of the device, language must be set when the device is powered up first time.

## 4.8 Configuration Setting

Press  in stand-by page to enter configuration setting, config.password must be typed in.



*Configuration Setting page*

## Room No. Setting

Set the apartment number (building etc.). Choose villa if it's a villa.

**Config. Password:** it's used to set the number of indoor station, mini outdoor station and to enable factory reset. Default project password is 801801.

## Mini Outdoor Station Setting

- 1) Enter setting mode of mini outdoor station.
- 2) Add device number to mini outdoor station: setting  $\Rightarrow$  configure  $\Rightarrow$  choose mini outdoor station 1/2 setting  $\Rightarrow$  choose mini outdoor station
- 3) Verify through video surveillance to see if the right device is chosen.

### NOTE:

1. A list of max. 5 mini outdoor stations will be shown in waiting page.
2. Long press 3s, and short press the button to enter setting page.

## Factory Reset



Press factory reset to set the device to the factory reset version.

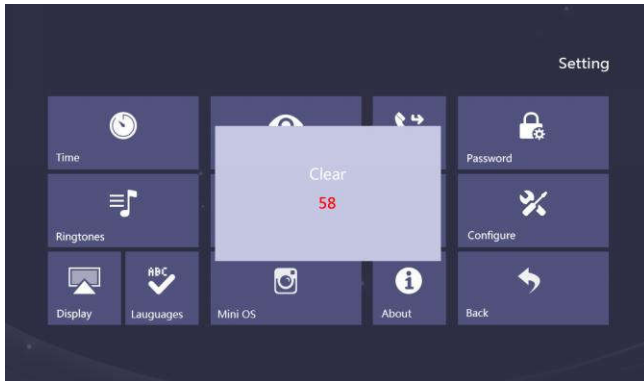
### NOTE:

1. Reset after powered for 30s, the device will be reset to factory version .
2. Reset within powered for 30s, the device will be reset to factory version, meanwhile all the history will be CLEANED.

## 4.9 Screen Cleaning

Lock the screen to avoid false operation during cleaning the screen.

Press  ⇒ , then the popped out window shows a 60s countdown, which allows cleaning to be done, during this countdown the touch will not work.

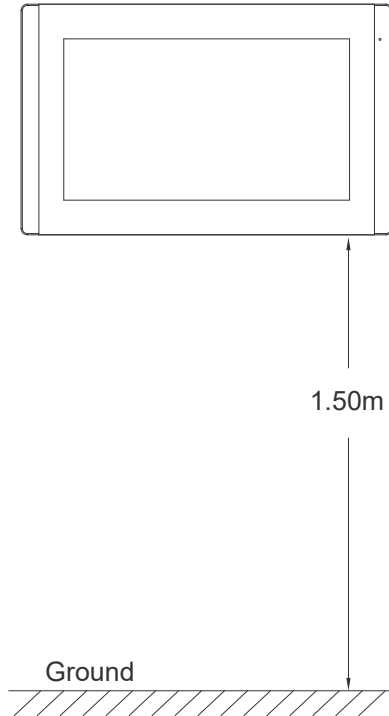


*Countdown page*

- NOTE:**
1. Use soft and non-fuzzy cloths to clean.
  2. Use a little of glass cleaner will help.

# Chapter 5 Installation

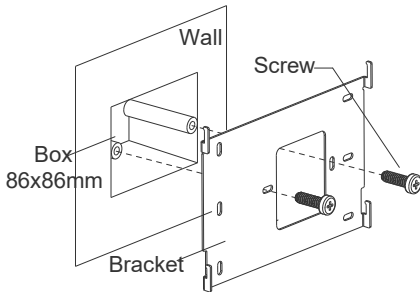
## 5.1 Installation Height



Suggestion Installation Height: 1.5m

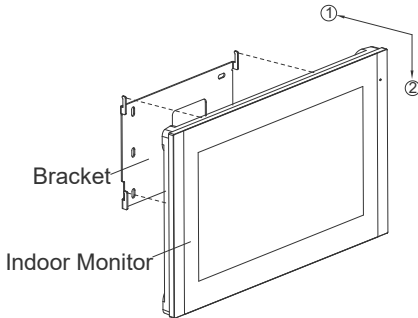
## 5.2 Installation Instruction

①



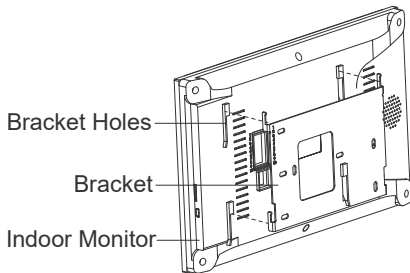
Step 1: Aim the bracket screws to the holes on the 86\*86 installation box and fasten the bracket.

②



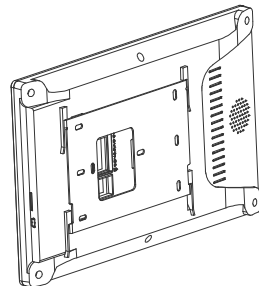
Step 2: Wire the indoor station, then aim the bracket at the bracket holes on the back of the indoor station (as of ②), when all four holes are aimed, lightly push down the monitor vertically (as of ③), thereupon you will hear a slight crack sound, the device is then properly installed (as of ④).

③



Aiming the bracket to the holes.

④



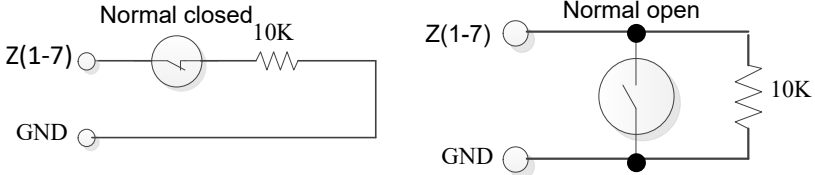
When it's properly installed.

# Chapter 6 Defense Area Wiring

## 6.1 Defense Area Wiring Diagram

### 6.1.1 Single Security Detector Wiring

Indoor Station Z1 to Z7 wiring:

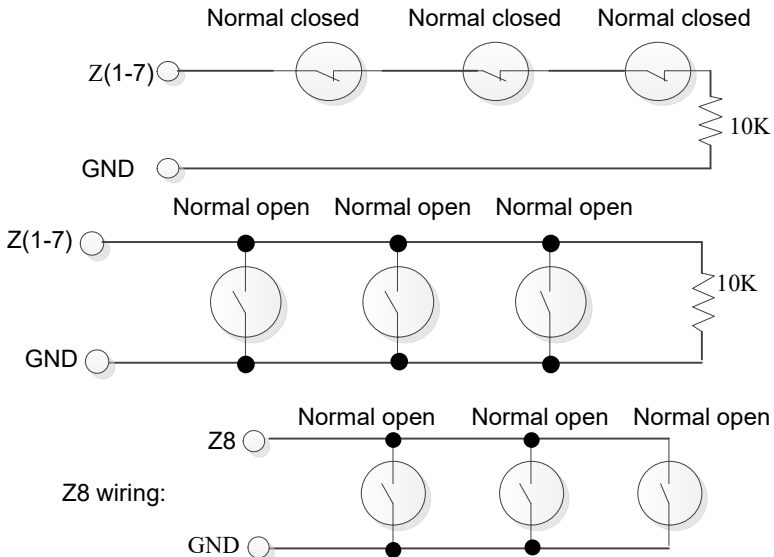


Indoor Station Z8 wiring:



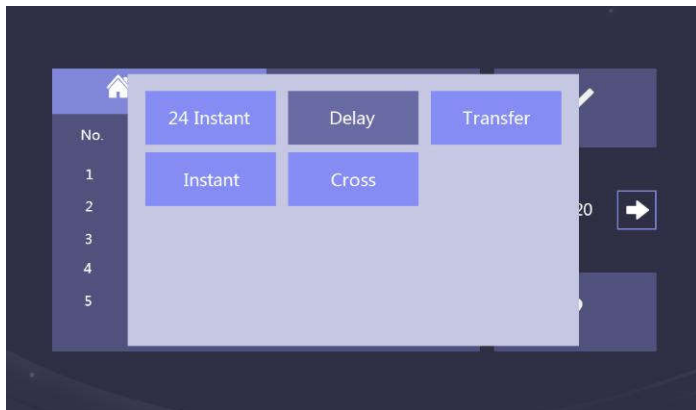
### 6.1.2 Multi Security Detectors Wiring

Indoor Station Z1 to Z7 wiring:



**NOTE: Unused defense area interfaces could be closed in the Alarm System Setting, or it can be blocked by 10K resistance.**

## 6.2 Defense Property Instruction



*Defense Trigger Type page*

**24 hours Instant:** This defense area will detect as soon as the system is power on, and it will not be influenced by arming/disarming. Once this defense area is triggered, the alarm warning will be sent out immediately.

**Delay alarm:** After this defense area is armed, once it triggers, then enter the counting down of alarm delay. Users can disarm the defense during the counting down. Otherwise it will send out alarm warning when time is up.

**Transferring delay:** This defense area is related to the operation of delay defense area. After arming, once this defense area triggers before the delay defense area, it will alarm immediately. If the delay defense area triggers firstly, then enter the counting down of alarm. Users can disarm during the counting down. Otherwise it will alarm immediately when time is up.

**Instant alarm:** After this defense area is armed, once it triggers, the alarm warning will be sent out immediately.

**Cross warning:** Two defense areas need to be matched up to trigger this function. After arming, once one of the cross defense areas is triggered, within 5 seconds another cross defense area is triggered, alarm warning will be sent out immediately. Otherwise alarm warning reserved.

## 6.3 Doorbell Function

Doorbell function can be set by Alarm Setting  $\Rightarrow$  Defense Area Setting  $\Rightarrow$  Detector Type. After the setting, when the defense area detects doorbell input, the doorbell rings immediately.