User Manual

Indoor Monitor

H Series IP System Indoor Monitor Manual_V1.0
H-IS19

Attentions

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

Away from magnetic field	Away from high-temp	Prevent moisture

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

Handle with care

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

Wipe with care

4、 Please do not disassemble the devices.

Content

Chapter 1 Functions Review

This product, based on TCP/IP transmission protocol, is the main device for the IP video door phone system, it supports video phone, defense area setting and picture pushing.

- 10.1'' IPS screen
- New design of metal frame, surface glass cover plate
- Support standard 48V PoE switch or DC24V power supply
- Support connection to doorbell and mini outdoor station
- Support extendable elevator-reserve service
- Support call diverting
- Support real time surveillance to outdoor/mini outdoor station, IP camera
- Support message receiving and sending from management center
- Support multi-indoor-monitorn 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 8 defense areas alarm function

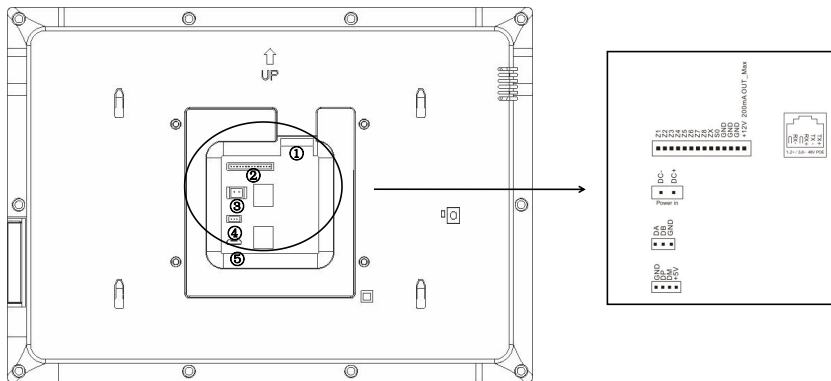# Chapter 2 Product Introduction

2.1 Product Appearance

Mic

Touch Panel
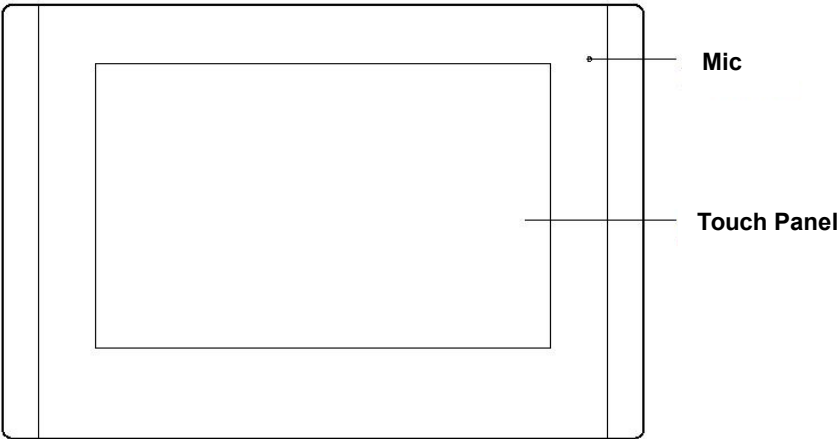
2.2 Product Dimension
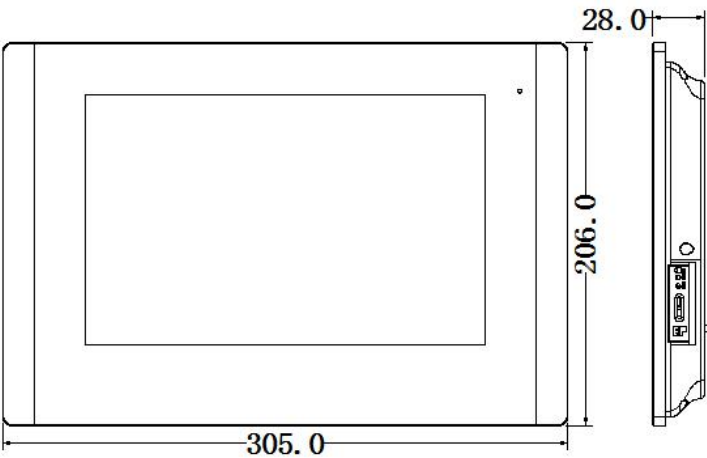
2.3 Interface Introduction

Number①

Internet interface RJ45(Support standard 48V PoE Switch)

Number②

+12V GND: defense area detector power terminal (current≤200mA);

Alarm: alarm output interface (reserved);

ZX: extension interface for defense zone;

Z8 to Z1: standard defense area interface, support normally open/close security module;

Z8: default setting as doorbell function (can be configured for defense zone);

Number③

Power input terminals: DC 24~30 V;

Number④

DA/DB: RS485 terminal(can be connected with smart home scene controlling)

Number⑤

USD terminal

2.4 Parameter

Working Voltage: DC 24V

Device Quiescent Current: ≤200 mA

Device Working Current: ≤300 mA

Defense Area Output Current: ≤200 mA ((Individual power supply only, defense area output voltage 12V)

Screen Size: 10.1inch

Resolution: 1280 × 800

Appearance Dimension (L × W × D): 305 × 206 × 28mm

Environment Temp.: -10℃ ～ +55℃

Call Waiting: 30s　　　Call Duration: 120s　　　Surveillance Duration: 30s

Chapter 3 Basic Function
3.1 Standby Interface

Property Message

Press 💬 to check the property message.

Call Log

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

Alarm Record, Arm/Disarm Mode

Press 🔔 to check out alarm history and set in arm/disarm Mode.

Mute

Press 🔕 for disturbance free setting.

SOS Message

Long press [SOS] for 2 seconds so that an SOS message will be sent to guard unit.

Call Forwarding

Press ↪ to authorize the transfer of calls to the guard unit or other indoor monitors.

Network Status

🖥 is the icon of network status, highlighted icon indicates that the network is good, and gray icon indicates that the network is not connected.

 is the icon under mini outdoor station.

Elevator Reserve

Press to reserve an elevator to the floor one lives.

Video Intercom

Press to enter the video intercom interface for monitoring, calling, viewing call logs and alarm logs, and setting the mute mode, etc.

Smart Home

Press enter the smart home interface to set up lights, curtains, air conditioning and background music, etc.

Smart Community

Press the smart community interface to monitor the IP cameras, view the property management message, licenses, Store, and Repairs, etc.
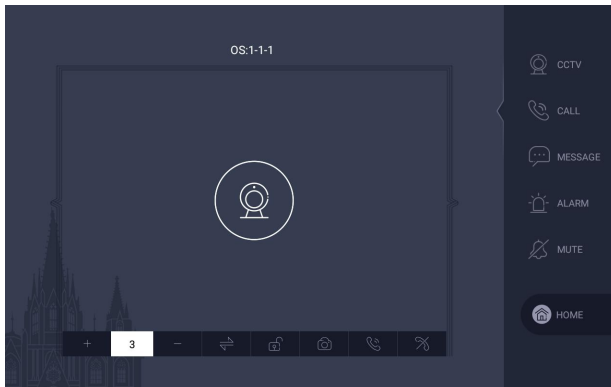
Setting

Press to enter Setting page.

Scene Mode

Support KNX module for scene control, press the icon to set the corresponding scene.

3.2 Video Intercom

Monitoring Page

It can monitor the outdoor station, mini outdoor station and gate station.

Monitor&Unlock

Basic workflow: choose the device to be monitored⟹monitor⟹unlock⟹call ended

1) Press [Video Intercom] on the main interface to enter the monitor interface to monitor the gate station/outdoor station/mini outdoor station.

2) During the surveillance, residents can unlock the door for visitors by pressing [🔓].

3) Press [✂] to end the surveillance.

Image Capture

During the surveillance, press [📷] to capture image manually.
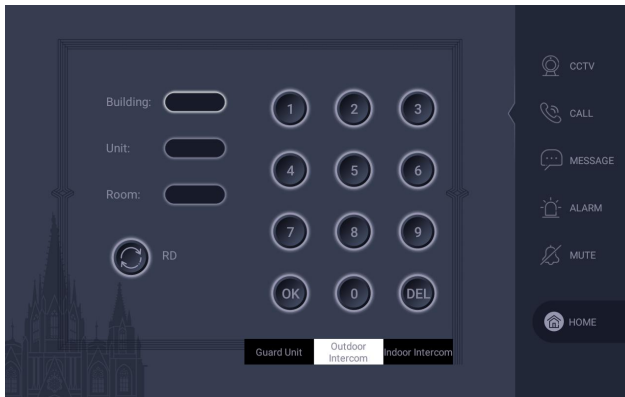
> NOTE: Images captured will be saved in the Call Log.

Visitor call

Basic workflow: monitor⟹talk⟹⟹call ended

During the surveillance process(mini outdoor station/outdoor station/gate station), resident can press [📞] to talk with the visitor.

Initiative Calling

Press [📞] on the main interface to enter the calling interface.

Calling Page with Dial Pads
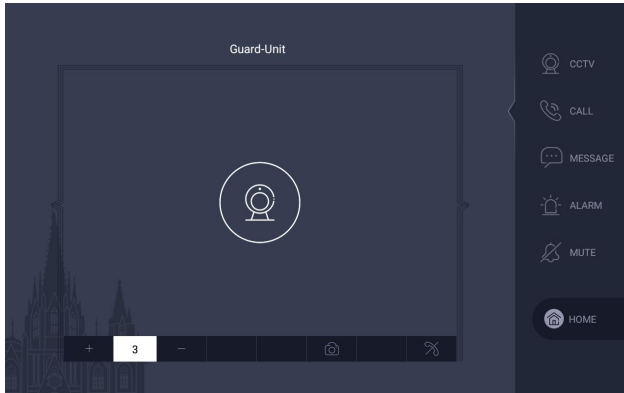
Call indoor Monitor

Basic workflow: call⟹ring bell⟹talk⟹call ended

1) Call

Press Indoor Intercom to pop up the list of indoor monitors, call other indoor monitors of this household, or broadcast to other indoor monitors.
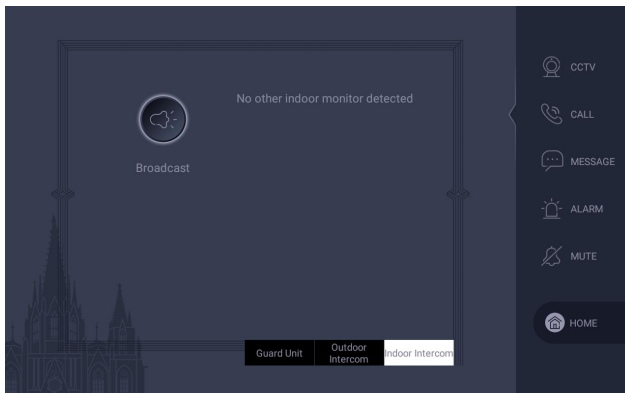
Call Guard Unit

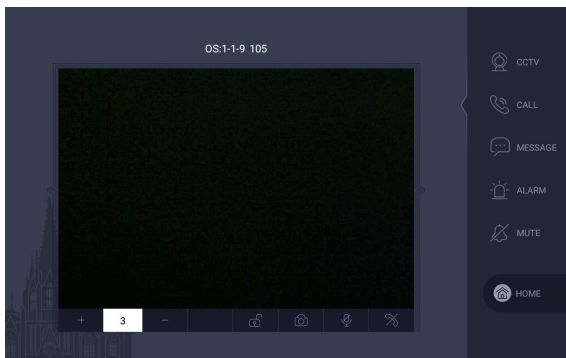*Ringing Page*

Basic workflow: call⟹talk⟹call ended

1) Press **Guard Unit** to start a call to guard unit.

2) Guard unit bell rings.

3) Talk with guard unit.

4) Press [✕] to end call.

Pick up the call

Basic workflow: ring bell⟹talk⟹unlock⟹call ended

Ringing Page

Incoming Call:

1) Visitor can call indoor station through outdoor station, the bell of indoor station rings.

2) Resident ca press [icon] to answer the call.

3) During the call, resident can press [icon] to unlock the gate/door, 5s after unlocking the call will be ended automatically.

4) Resident press [icon] to end call.

Image Capture:

1) During the call, resident can Press [icon] to capture images.

2) Images captured will be saved in Call Log in stand-by page.
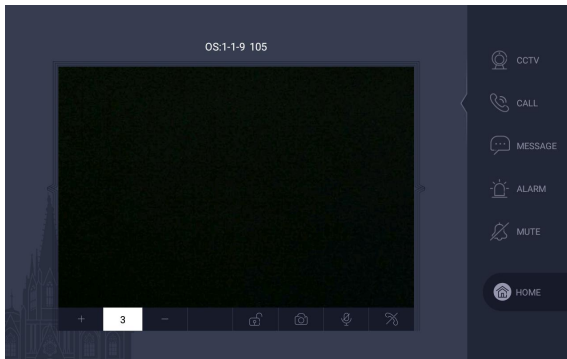
Image Captured

Message

Press [icon] to enter information page to check messages received from management center.
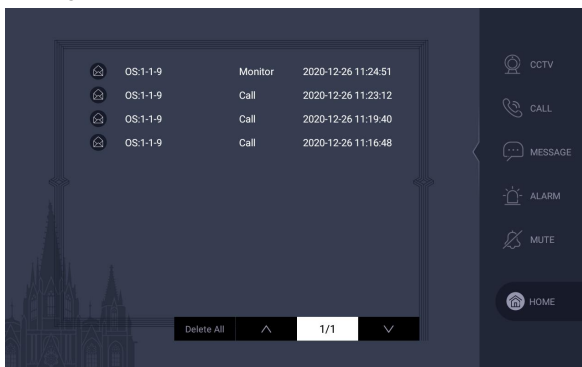
Message Page

Alarm Record, Arm/Disarm Mode

Press [☼ ALARM] to enter the alarm record interface to view the alarm information record.

Alarm Information Record

Press [Disarm] to arm/disarm home.
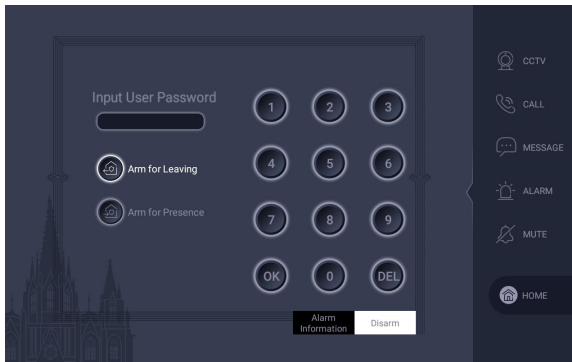
Password Input Page

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.

Mute

Press ![MUTE button] to turn on/off the disturbance free function.
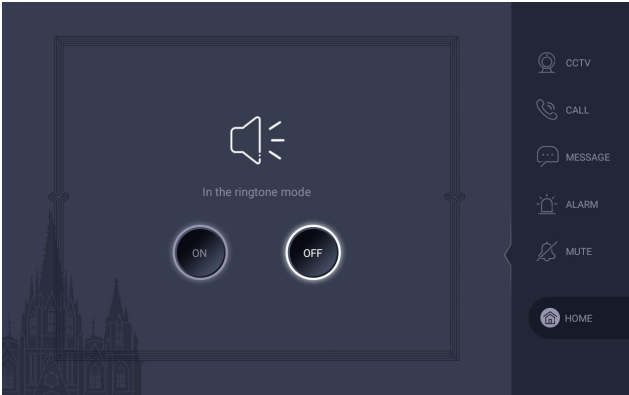
Mute Setting Page

Chapter 4 Smart Community
Surveillance IP camera
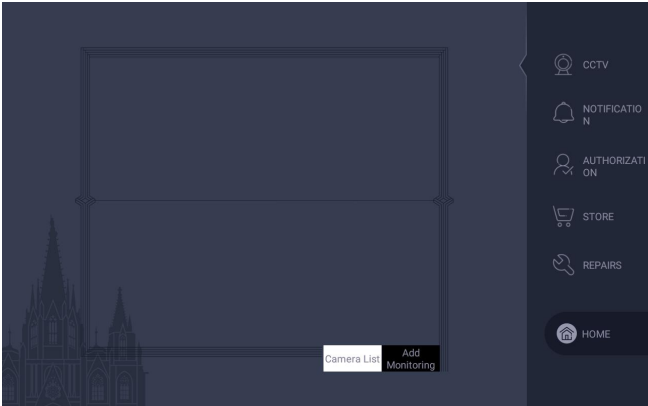
Information from Property Management

CCTV
NOTIFICATION
AUTHORIZATION
STORE
REPAIRS
HOME

Delete All ∧ 1/1 ∨

Authorization

Unit Guard   Indoor Station

1 2 3
4 5 6
7 8 9
OK 0 DEL

CCTV
NOTIFICATION
AUTHORIZATION
STORE
REPAIRS
HOME

Store

COMMUNITY CLUB   COMMUNITY SUPER MARKET   GYM

COMMUNITY HOSPITAL   CATERING TAKE OUT   CLEANING SERVICE
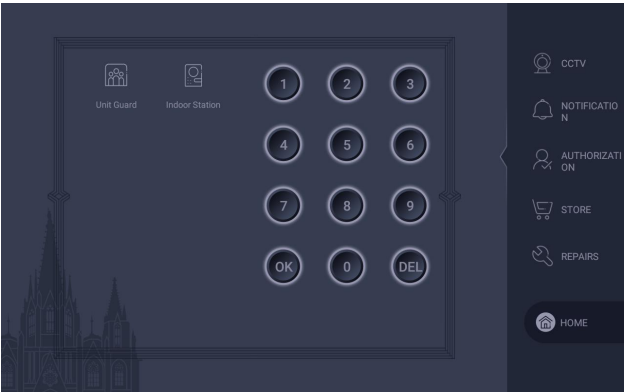
CCTV
NOTIFICATION
AUTHORIZATION
STORE
REPAIRS
HOME

Repairs

Chapter 5 Settings
5.1 System Setting

Language setting
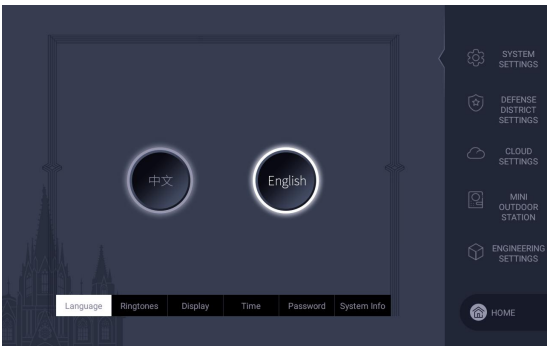
Language Setting page

Press **Language** in setting page to change the current language.

Ringtone Setting
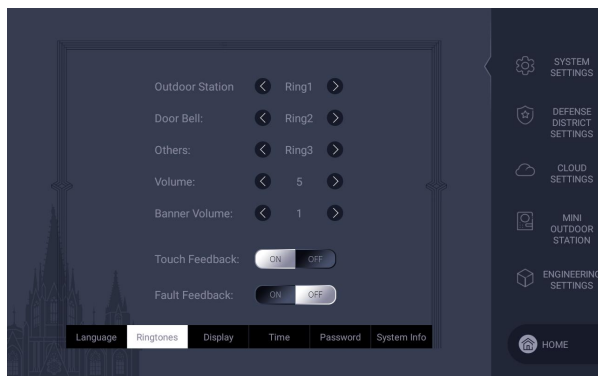
Ringtone Setting page

Press **Ringtones** in setting page to enter ringtone setting page:

1）Adjust ringtone and volume of incoming call from different device;

2）Touch tone and fault tone setting.

Display Setting
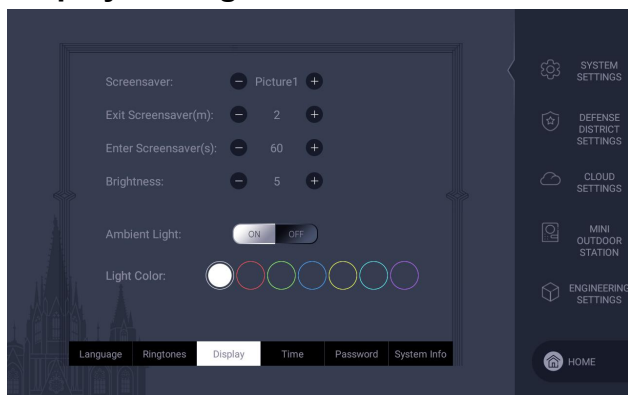
Display Setting page

Press **Display** in setting page to enter display setting page:

1）Set screen saver image;

2）Set screen saver starting and ending time;

3）Adjust screen brightness;

4）Turn ON/OFF atmosphere lamp;

5）Change color of atmosphere lamp;

Time Setting

Time Setting page

Press Time in setting page to set the date and time of the indoor monitor.

Time synchronization: this function allows the indoor monitor keeping in the same time with PC.

Password Setting
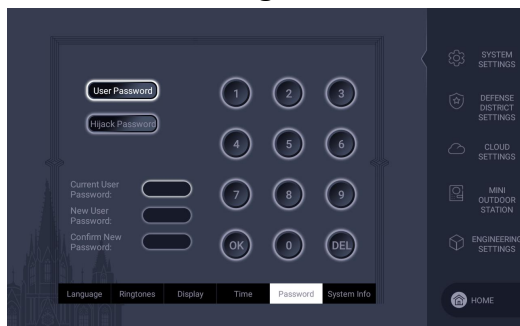
Password Setting page

Press Password in setting page to enter password setting:

User Password

Input current user password ⟹ Input new user password ⟹ confirm new password (default user password: 66666)

Hijack Password

Input（current hijack password ⟹ new hijack password ⟹ confirm new password）

System Information

System Information page

Press [System Info] in setting page to check information such as software version and IP address etc.

1）Press [REBOOT] and confirm to reboot system;

2）Press [CLEAN SCREEN] and confirm to start screen cleaning, a pup up window will show

with 60s countdown, during this countdown the touch function will be disable.

5.2 Defense Zone Setting

Alarm Setting

Alarm Setting page

Press ⬛ in setting page, user can enter alarm setting with the correct user password(default user password: 666666).

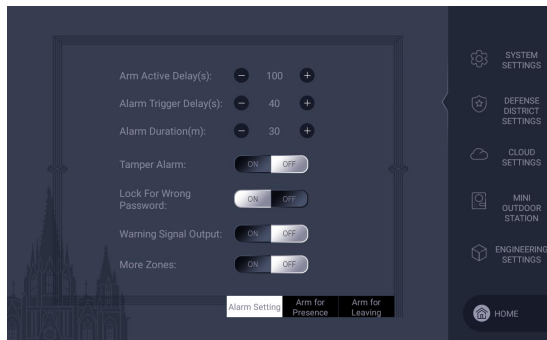1）Arm Active Delay(s): After arming, the device will first enter arm active delay, if delay alarm is triggered during this time, the system will not sound the alarm.

2）Alarm Trigger Delay(s): Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system will not sound the alarm.

3）Alarm Duration(m): The alarm duration time when the defense zone is triggered.

4）Tamper Alarm: Turn on this option, and the device will send alarm signal to Guard Unit when it is being dismantle illegally. Tamper alarm will turn on as default.

5）Lock For Wrong Password: With this function turned on, when user is disarming, if wrong password is inputted 3 times within 1 minute, the device will lock for 60s and user can not operate during this time.

6）Warning Signal Output: With this function turned on, the alarm signal interface will output a high level signal when the alarm zone is triggered.

7）More Zones: Turn on this option when alarm zone extension is needed, and alarm extension module is required for this feature(Instruction of alarm zone extension can refer to P3).

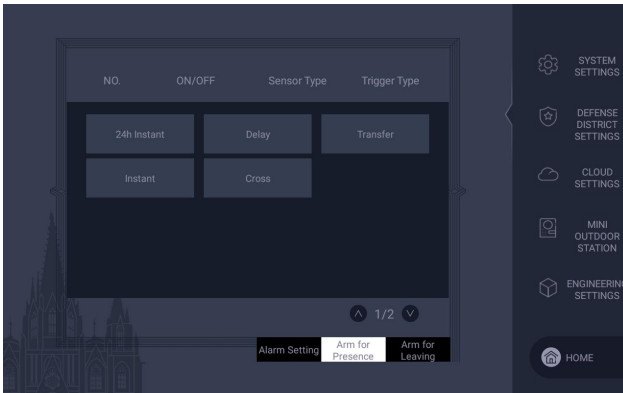## Arm for Presence
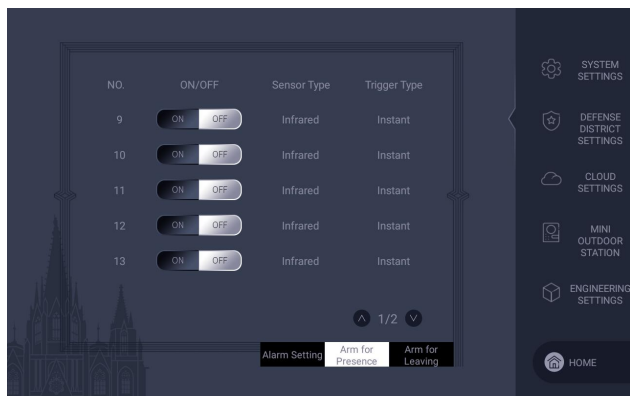
Arm for presence 1

Press ⬛ in defense zone setting page to configure detailed setting of each zone:
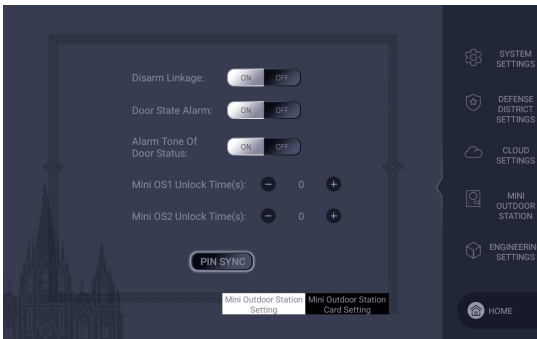
1）Turn ON/OFF sensor;

2）Select sensor type;

3）Select trigger type, detailed defense zone instruction refer to Chapter7.2.

Arm for presence 2

5.3 Mini Outdoor Station Setting

Mini Outdoor Station setting

Mini Outdoor Station Setting page

Press and input the correct user password to enter mini outdoor station setting(default user password: 666666)

1）Disarm Linkage: With this function turned on, while under arm for leaving, user can disarm the device by swiping registered card to Mini Outdoor Station.

2）Door Status Alarm: With this function turned on, when the door is opened over 120s, an alarm alert will be reported to Guard Unit and PC Manager Center.

3）Alarm Tone of Door Status: With this function turned on, Mini Outdoor Station will sound the alarm when the door is opened timeout.

4）Mini Outdoor Station Unlock Time(s): Set the unlock time of Mini Outdoor Station.

5）PIN SYNC: Press PIN SYNC so that the rest Indoor Monitors in the same apartment can operate the Mini Outdoor Station.

Mini Outdoor Station Card Setting
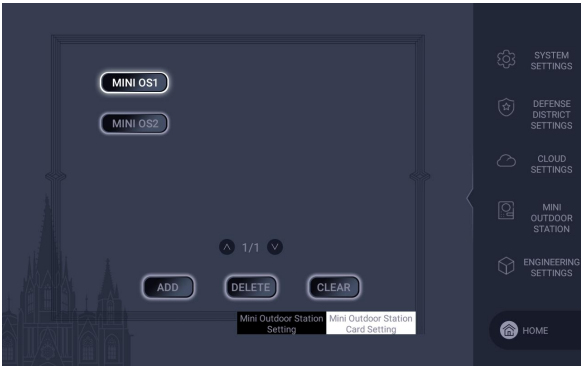
Mini Outdoor Station Card Setting page

Card Management: User can register or delete IC cards.

5.4 Engineering Settings

Room NO. Setting

Room No. Setting page

Press 🔲 ENGINEERING SETTINGS in setting page, and input the correct engineering password to enter engineering password, user can set the room number of the device.

Engineering Password: For setting the Indoor Monitor Room No., Mini Outdoor Station and Restoring.

Default Password: 801801

Add Mini Outdoor Station

Add Mini Outdoor Station page

Within 3 minutes after powering the Mini Outdoor Station, long press call button for 2s until you hear 3 times short beeps(short press it will enter standby mode), then short press call button again, Mini Outdoor Station will restore factory setting and enter configuration mode with a long beep. Then enter Setting > Engineering Settings > Add NO.1/2 Mini Outdoor Station.

All the Mini Outdoor Station in configuration mode will be listed in setting page, user can confirm which is the target Mini Outdoor Station by checking their video surveillance.

Factory Reset
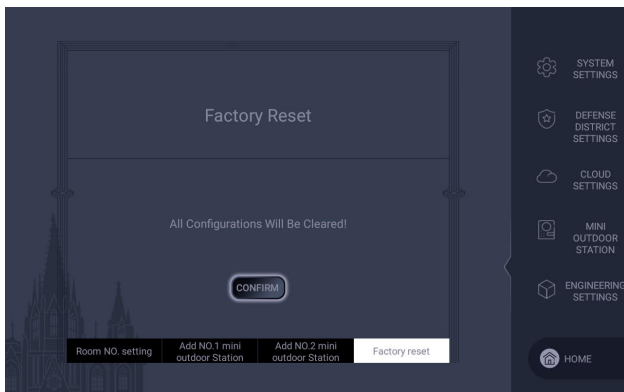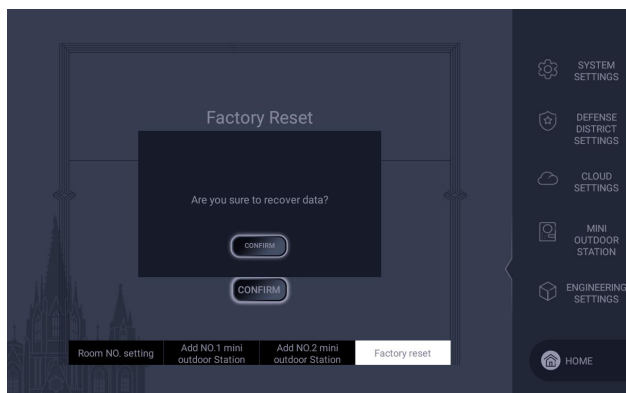
Factor Reset page

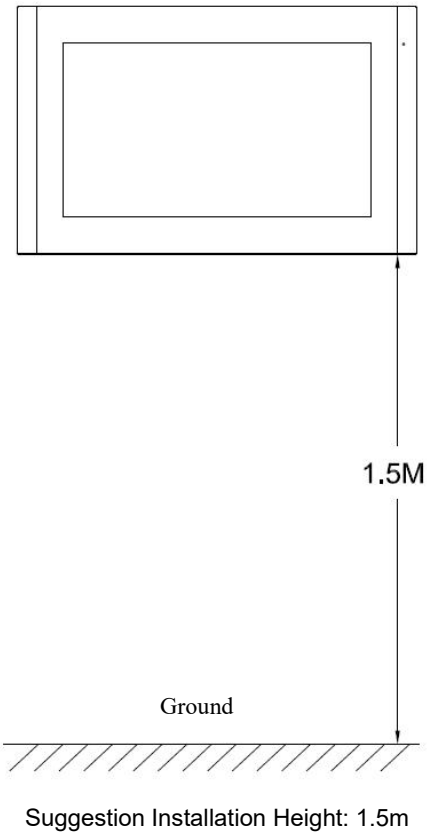Press [Factory reset] and confirm, then the device will restore factory settings.

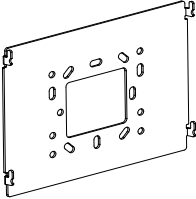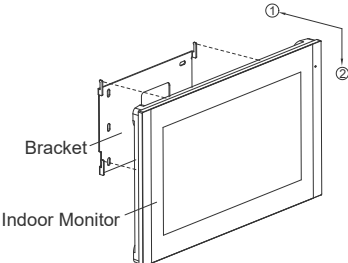**Note:** Restore factory settings will clear all the records.
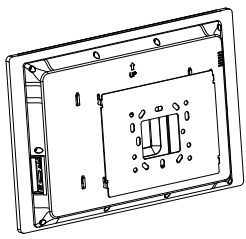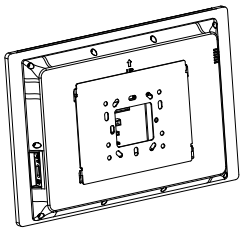
Chapter 6 Installation Instruction

6.1 Installation Height

Suggestion Installation Height: 1.5m
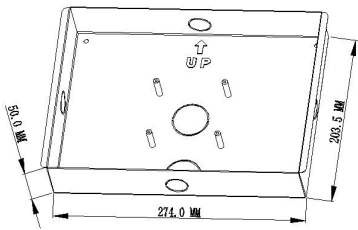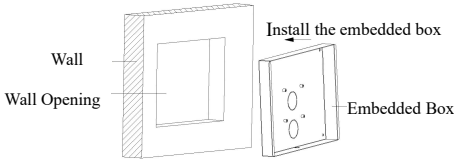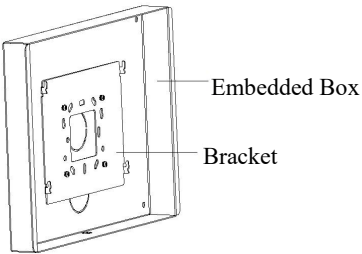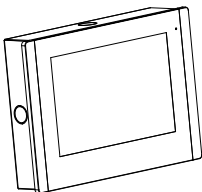
6.2 Installation Instruction

Wall-mounted installation

①	Step 1: Aim the bracket screws to the holes on the 86*86 installation box and fasten the bracket.
② Bracket / Indoor Monitor	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.

Wall-mounted Installation

①	Embedded Box dimension 274*203.50*50mm
②	Step 1: Insert the embedded box into the wall. Aim at the holes of embedded box, Install 4pcs anchorings to the wall , and then use 4pcs screws to fix the embedded box.
③	Step 2: Take out the bracket, and aim it at the holes of the embedded box holes to put in, use 4pcs M2 screws to fasten the bracket in the embedded box.
	Step 3: Take out the indoor monitor, and aim it at the bracket holes to put in, lightly push down the indoor monitor vertically, thereupon you will hear a slight crack sound, the device is then successfully installed.

Chapter 7 Defense Area Wiring

7.1 Defense Area Wiring Diagram

7.1.1 Single Security Detector Wiring

Indoor Station Z1 to Z7 wiring:

Normally closed   10K

Z(1-7)

GND

Normally open

Z(1-7)

GND

10K
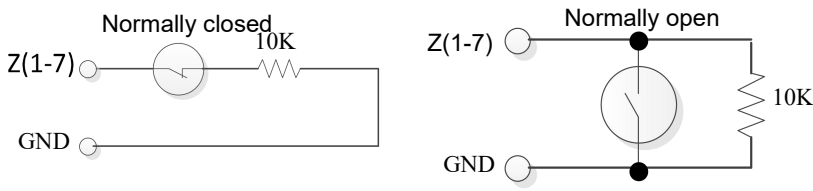
Indoor Station Z8 wiring:

Z8

Normally open

GND
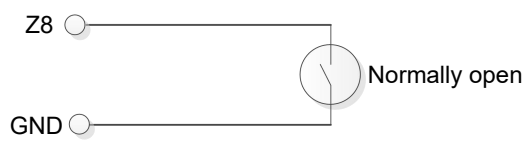
7.1.2 Multi-Security Detectors Wiring

Indoor Monitor Z1 to Z7 wiring:

Normally closed   Normally closed   Normally closed

Z(1-7)

GND

10K

Normally open   Normally open   Normally open

Z(1-7)

GND

10K

Normally open   Normally open   Normally open

Z8

Z8 wiring:

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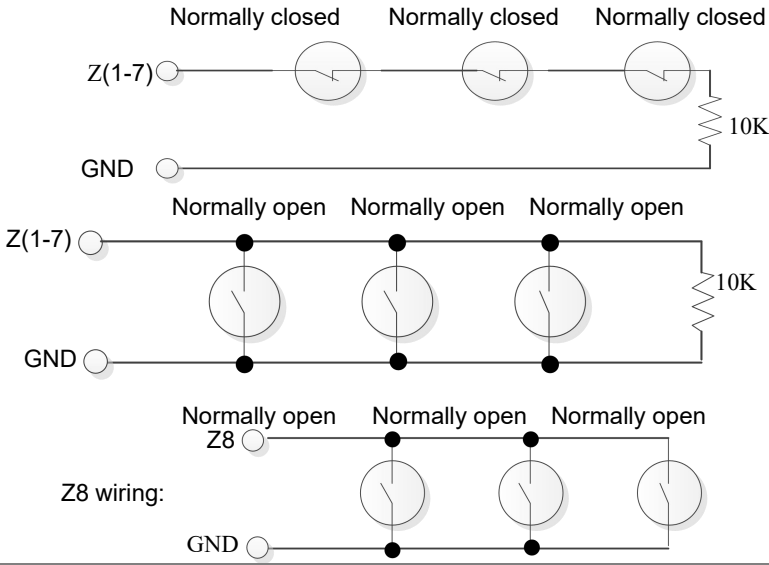
NOTE: Unused defense area interfaces could be closed in the Alarm System Setting, or it can be blocked by 10K resistance.

7.2 Defense Zone Instruction
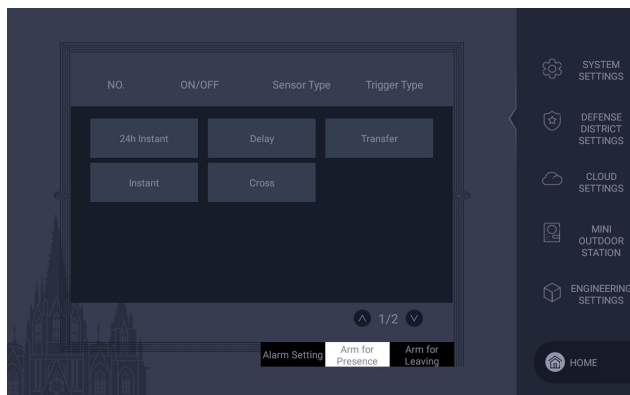
Defense Trigger Type Page

Instant alarm: After this defense area is armed, once it triggers, 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 linked 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.

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.

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.

7.3 Doorbell Function

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