BLAUPUNKT

User Manual

7-INCH INDOOR MONITOR
BP-VDP-IS748-B



Enjoy it.

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.

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Chapter 1 Function Review

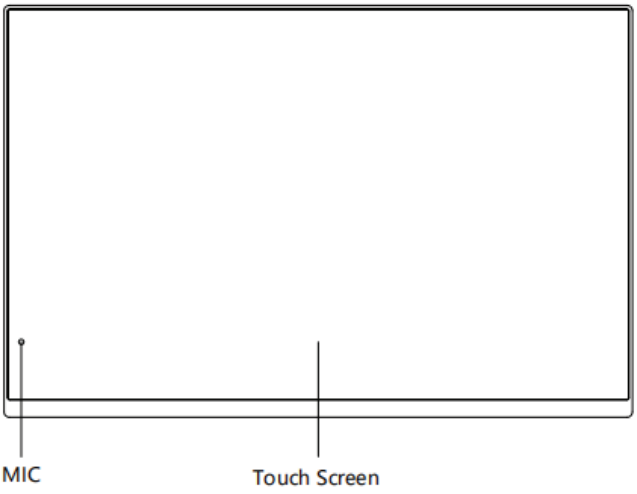
Based on TCP/IP transmission protocol, this product is the main device for the H series video door phone system, it supports video phone intercom, defense area setting and picture pushing. Details of the device are as follows:

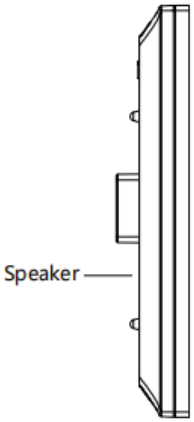
- **7” capacitive touch screen**
- **Support 24V non-standard PoE switch (power with 1,2 / 3,6 or 4,5 / 7,8)**
- **Support connection to doorbell and mini outdoor station**
- **Support extendable elevator-reserve service, support elevator reservation from residents and visitors.**
- **Support real time surveillance to outdoor/gate/villa station, IP camera**
- **Support receiving message from management center**
- **Support multi - indoor monitor in one apartment, synchronizing arm/disarm**
- **Support video chat between residents and visitors/guard unit**
- **Support voice intercom between residents in the same community and other indoor monitors in the same flat**
- **Support the standard 7 areas or 8 IO defense areas.**

Chapter 2 Product Introduction

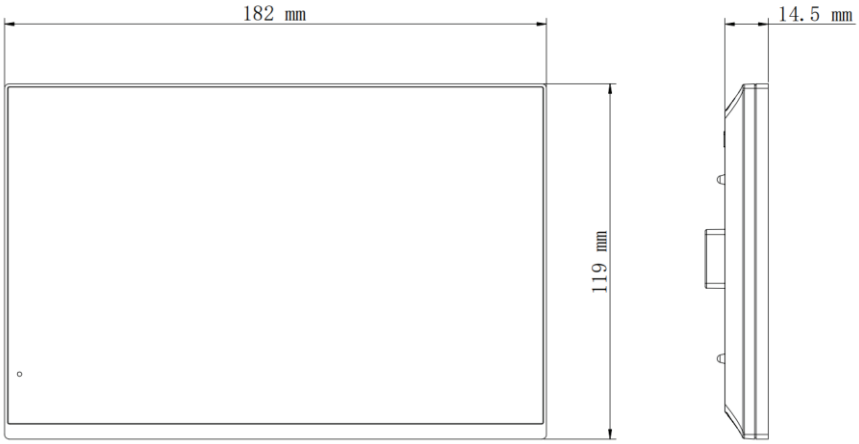
2.1 Product Appearance



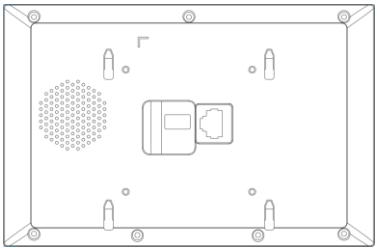


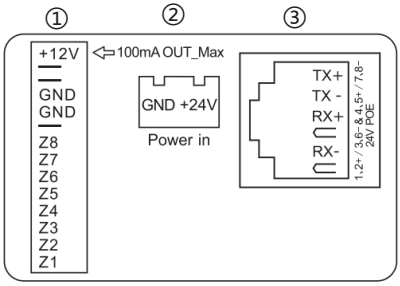


2.2 Product Dimension



2.3 Interface Introduction





Number①

+12V GND: power supply interface of defense area detectors

(the power supply current⩽100mA, depending on the actual factory model)

Z8: doorbell function as default.

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

(Please check Page 26 for setting and the wiring details)

Number②

External power input: DC 24 V.

Number③

Network Port (24V non-standard PoE switch, power with 1,2 / 3,6 or 4,5 / 7,8).

NOTE: The installation bracket of indoor station is not align to the middle of the device rear interface.

2.4 Parameter

Working Voltage: DC 24V

Device Quiescent Current: ≤ 80 mA

Device Working Current: ≤ 200 mA

Screen Size: 7 inch

Resolution: 800 × 480

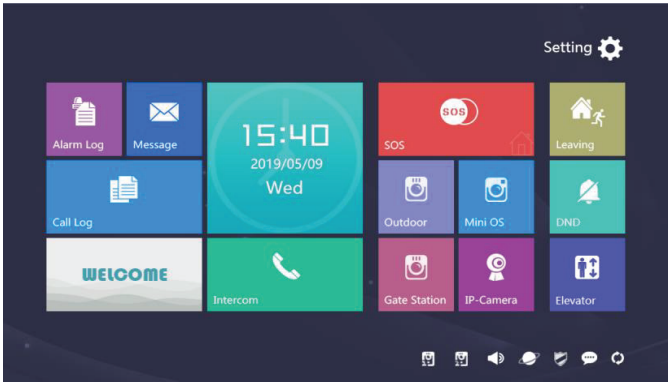
Appearance Dimension (L × W × D)：182 × 119 × 15mm

Environment Temp.: -10℃ ~ +55℃

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

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 management center.

Call Log

Press  to check, read, delete call history among Indoor Station, Outdoor Station and Guard Unit.

Call

Press  to enable a call to either Guard Unit, other residents or other Indoor Stations in this apartment.

Video Surveillance

Press  to monitor main Outdoor Station.

Press  to monitor Mini Outdoor Station.

Press  to monitor Gate Station.

Press  to monitor IP cameras.

SOS

Long press  for 2 seconds so that an SOS message will be sent to Guard Unit.

Arm/Disarm for Leaving Mode

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

Do Not Disturb

Press  to turn on the DND function and mute the ringing tone.

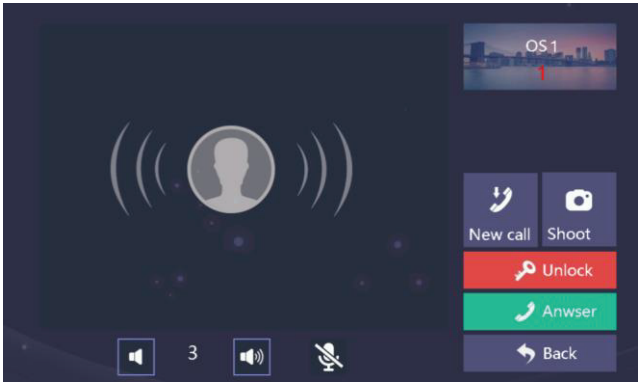
Elevator Reserve

Press  to make a reservation on elevator to the floor where resident 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 manually.

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

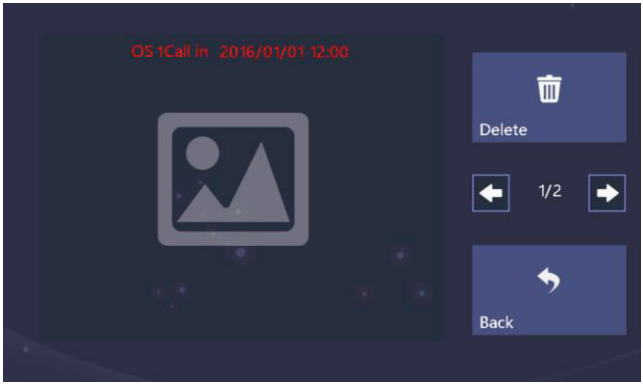
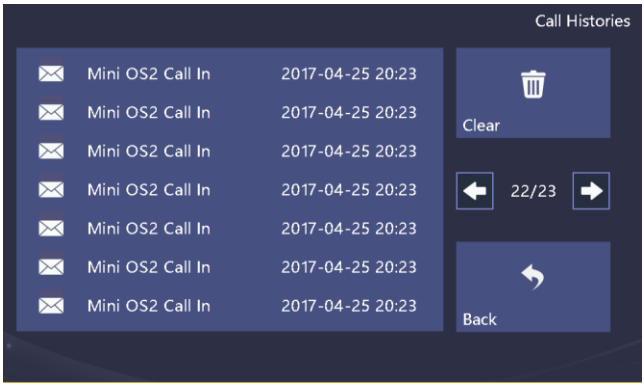


Image Captured

3.3 Information

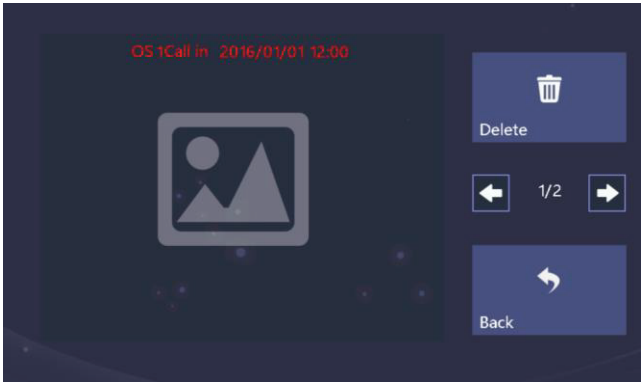
Press  to enter information page to check messages received from management center.



Information Page

Read Information

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



Message Page

3.4 Call

Press  in standby page to enter calling page.



Calling Page with dial pads

Call Indoor Monitor

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

1) Press  to enter indoor monitor list and call/broadcast to exact indoor monitors. Input building No., unit No., room No., and Press  to confirm to call other residents; if only room No. is typed in, then the building/unit No. will be considered as default 0.
2) Indoor monitor rings the bell.
3) The call answered by resident.
4) Press  to end the call.

NOTE :

1.When talking to residents in the same unit, elevator reservation is available.

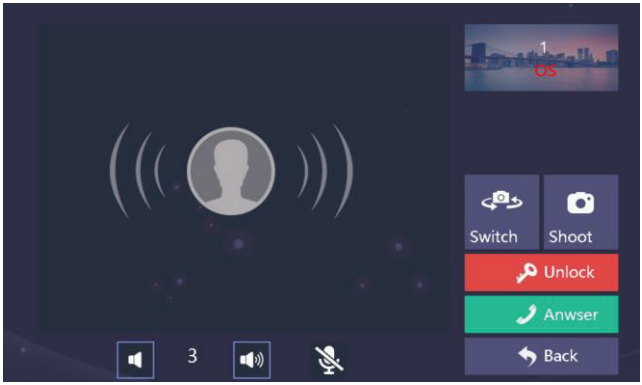
2.During the calling, residents can choose to answer when there's a new call coming in

Call Guard Unit

Basic workflow: call⟹talk⟹call ended

1) Press icon  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



Monitor Page

The surveillance includes monitoring Outdoor Station, Mini Outdoor Station, Gate Station and IP cameras.

Monitor and Unlock

Basic workflow: choose monitored device⟹monitor⟹unlock⟹end

1) Press icon  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

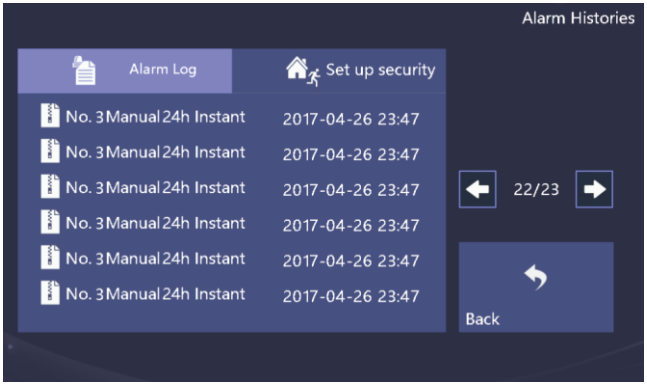
During surveillance to Outdoor Stations (Villa Station, Outdoor Station, Gate Station), press  to talk with visitor.

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 , then input user password to enter the setting of defense area

(Default user password: 666666).

NOTE:

1.Under arming, the page shows a disarm icon to ensure the user to disarm.

2.Under arming, when user encounters hijack, he/she can input hijack password to disarm, meanwhile a hijack message will be sent to guard unit to cause attention (hijack password needs to be set in advance).

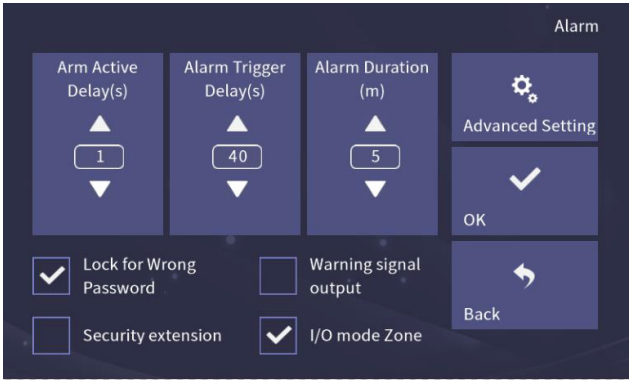
Alarm System Setting

The defense zone is 8 IO zone, resident can set the normally open / normally closed state for each zone. Further instruction of defense zone please refer to Chapter 6 Zone Wiring Instructions.



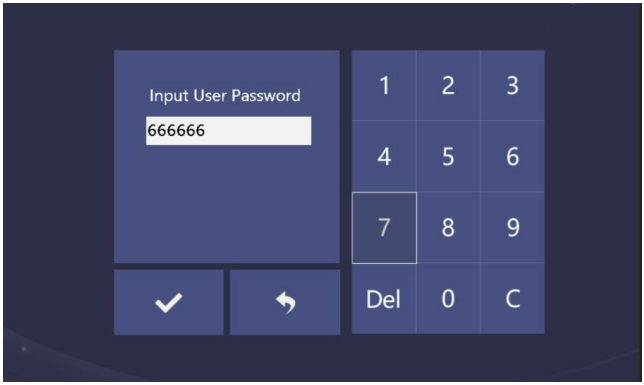
8IO zone attribute setting interface

The 8 IO zone in defense area setting interface is shown in the figure:



3.7 Arm/Disarm for Leaving Mode

Press  to arm/disarm for leaving mode.



Password Input page

Under arming, the user can:

Disarm: input the password to disarm.

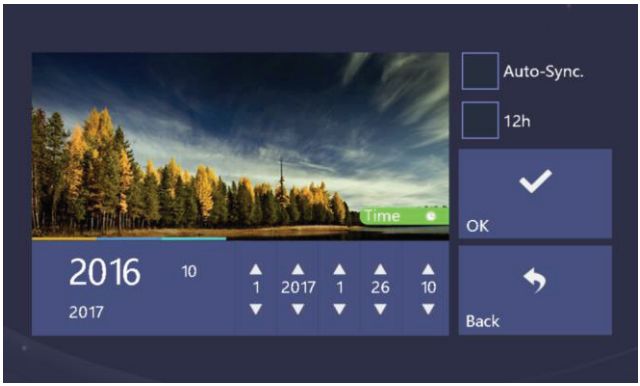
Under disarming, the user can:

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

Chapter 4 System Setting

4.1 Time Setting

Press  to enter time setting from stand-by page.

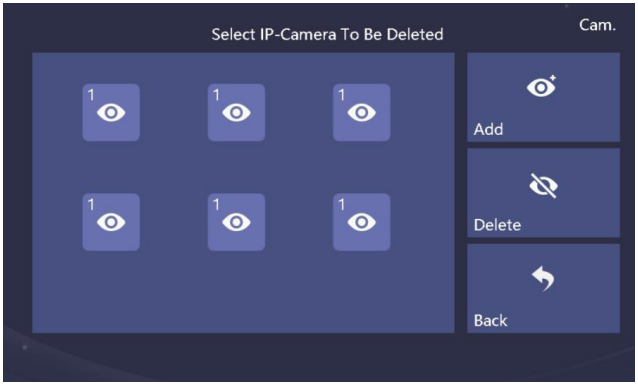


Time Setting page

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.



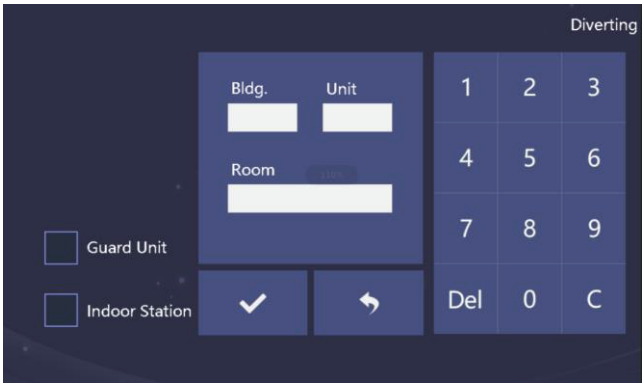
IP Camera Setting page

Add or delete the IP cameras to this Indoor Monitor.

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

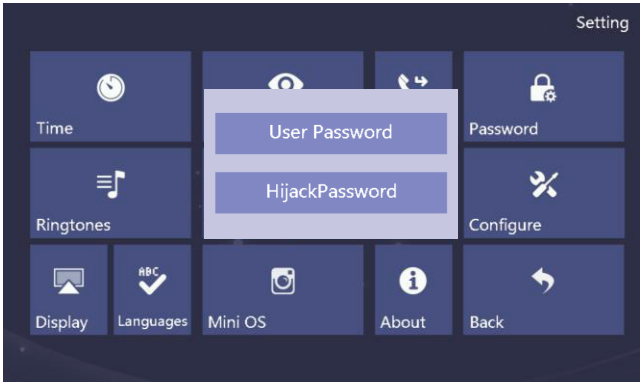
1) Choose device type.

2) When select as Indoor Monitor, the target room 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

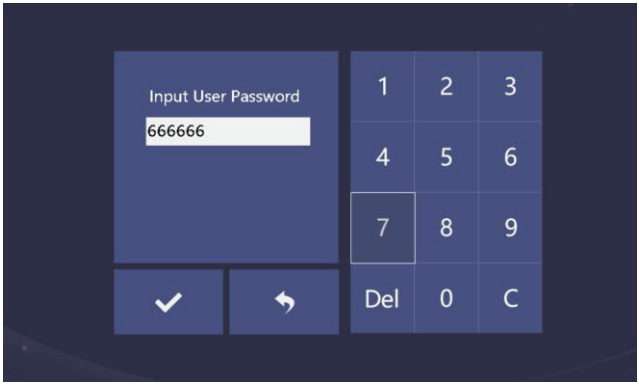
User Password

Input default password ⇨input new password ⇨confirm (default password: 666666)

Hijack Password

Enter (user/default) password⟹enter hijack password⟹ enter hijack password again.

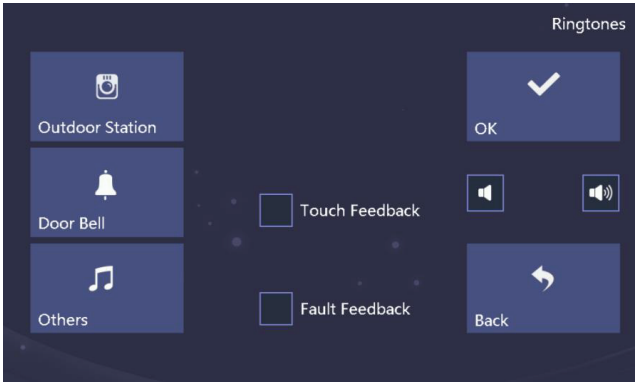
(hijack password should be set in advance by using user password, they MUST DIFFER).



Hijack Password Setting page

4.5 Ringtone Setting

Press  in main page to enter ringtone setting page.



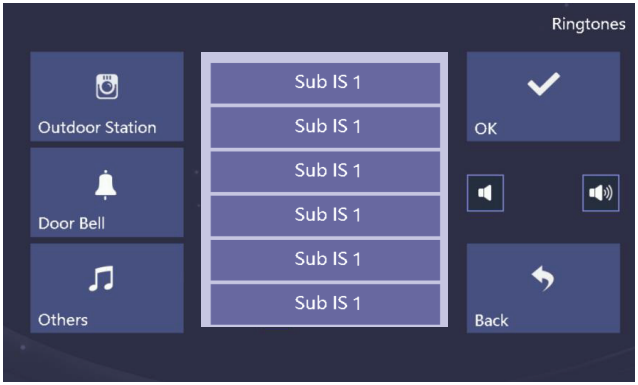
Ringtone Setting page

Ringtone Setting

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

Ringtone Choosing

Choose a ringtone per the given list

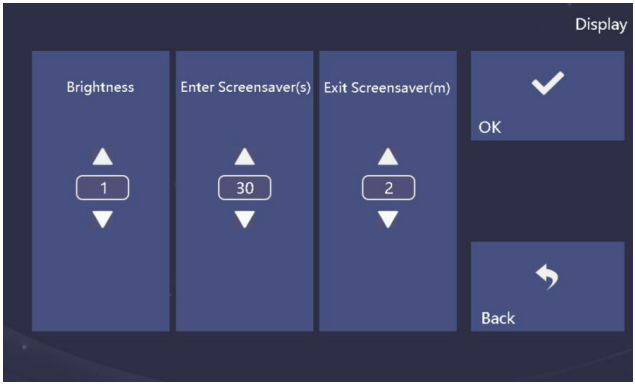


Ringtone List page

NOTE: Other ringtone indicates the incoming ringtone of Indoor Monitor, Villa Station and Guard Unit.

4.6 Display Setting

Press  in main page to enter display setting page.



Display Setting page

1) Adjust screen brightness.

2) Set screen saver starting and ending time.

4.7 Language Setting

Press  in main page to enter language setting page.

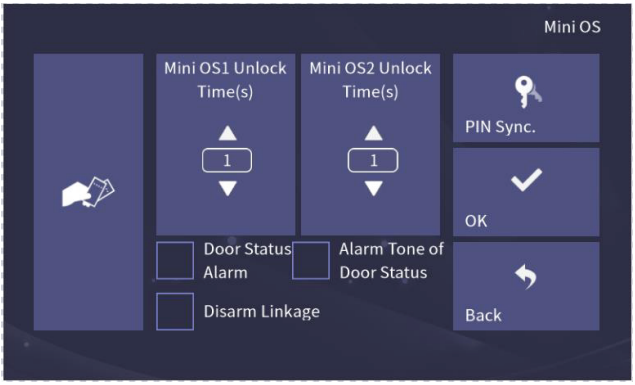


Language Setting page

Language must be chosen when the device is powered up first time.

4.8 Mini Outdoor Station Configuration

Press  in main page and input user password (666666) to enter mini outdoor station setting interface.



Card Management

Choose Mini outdoor station 1/ Mini outdoor station 2 ⇨ Press icon ＋ ⇨ Swipe the card on the corresponding Mini outdoor station to enter card management interface.

Mini Outdoor Station Unlock Time Setting

The unlocking time of mini outdoor station 1 / mini outdoor station 2 can be set. Range: 5-30 seconds.

Key Synchronization

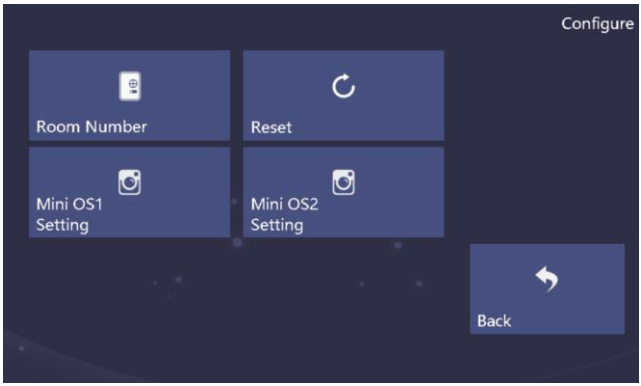
When multiple indoor stations are connected in the same apartment/villa, click the key synchronization button to synchronize the keys of other indoor units, so that all other indoor monitors can get paired with the connected mini outdoor stations.

Door Status Alarm, Door Status Alarm Sound, Interaction with Disarming

Check the box of the corresponding function item to enable the function.

4.9 Configuration Setting

Press  in main page to enter configuration setting, config. password must be typed in.



Configuration Setting page

Room No. Setting

Set the room number (building, unit etc.). Choose villa if it's for villa scenario.

> **Config. Password:** it's used to set the number of Indoor Monitor, Villa Station and to enable factory reset. Default config. password is 801801.

Mini Outdoor Station Setting

1) Enter setting mode of Mini Outdoor Station.
2) Add device number to Mini Outdoor Station: setting ⟹configure ⟹choose Mini Outdoor Station 1/2 setting ⟹ 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 2s, and short press the button to enter setting page.

Factory Reset

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

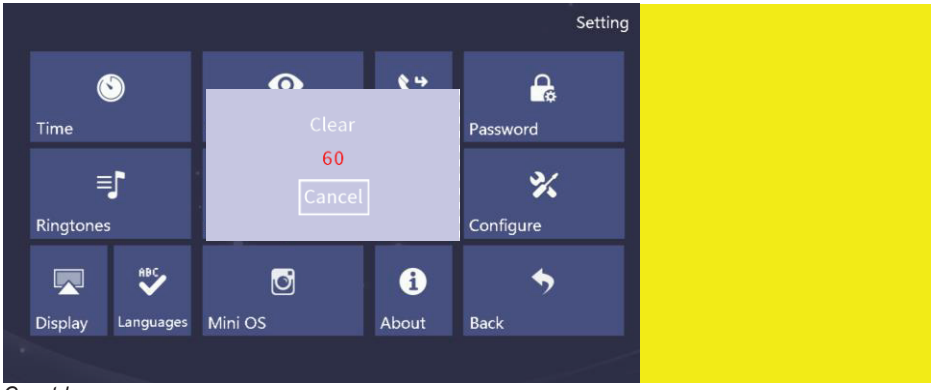
NOTE:

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.

4.10 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. Long Press on the Cancel Button will exit cleaning mode.

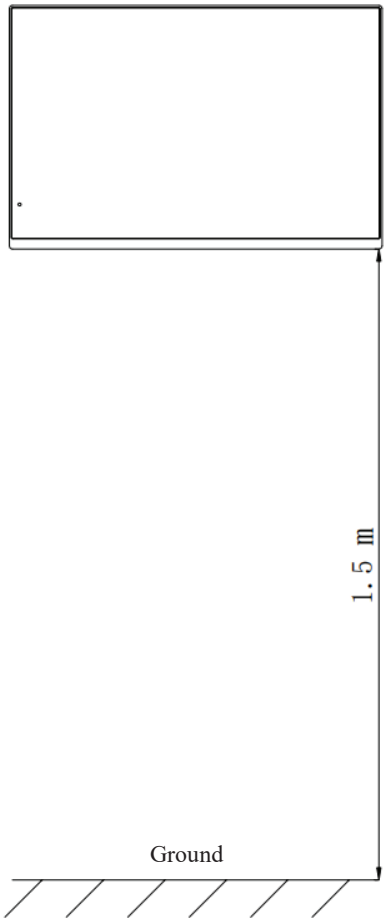


Countdown page

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

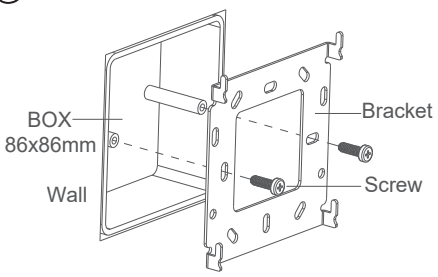
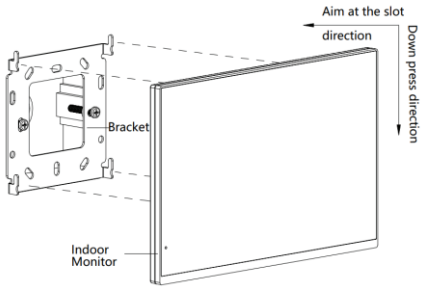
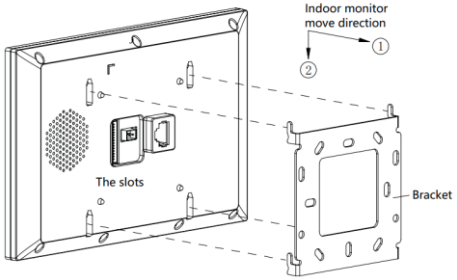
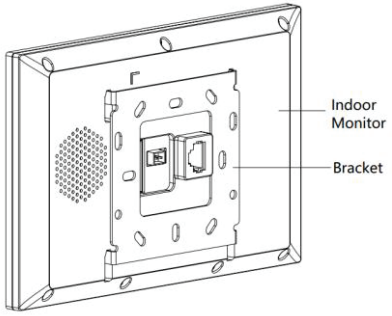
Chapter 5 Installation

5.1 Installation height



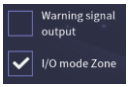
Suggestion Installation Height: 1.5m

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  	④  The status after correct installation

Chapter 6 Defense Area Wiring

In the interface of defense zone property setting, check the I/O Mode zone to set it as I/O mode.

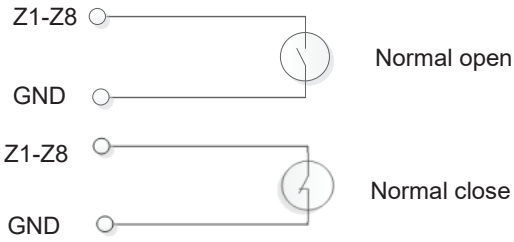


6.1 Defense Area Wiring Diagram

6.1.1 Single Security Detector Wiring

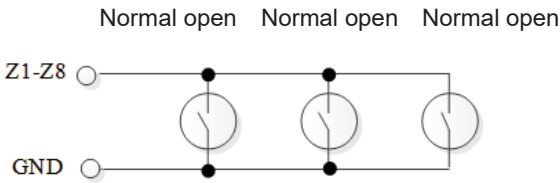
If the I/O mode zone corresponding frame is checked,

Indoor monitor Z1-Z8 wiring：

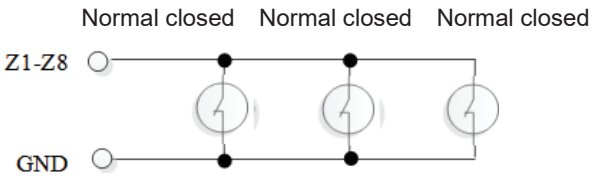


6.1.2 Multi Security Detectors Wiring

If the I/O mode zone corresponding frame is checked,



Indoor monitor Z1-Z8 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

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 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.

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.

6.3 Doorbell Function

The defense zone 8 can be set as doorbell function. After the completion of the tunneling, the zone interface detects the doorbell input and immediately rings the doorbell.

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