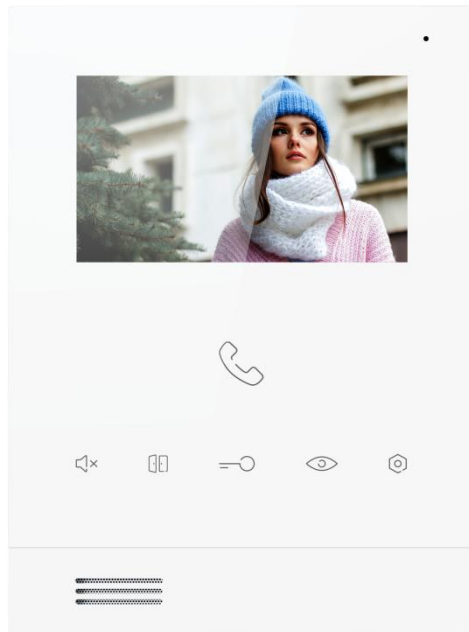


Indoor Station



T series 5 inch Indoor Station User Manual_V1.0
T-IS16

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 in brief	1
Chapter 2 Product Introduction	2
2.1 Product Appearance	2
2.2 Product Dimension	3
2.3 Interface Description	4
2.4 Parameters	4
Chapter 3 Basic Functions	5
3.1 Power-up	5
3.2 Call Answer	5
3.3 Function details	6
3.3.1 Record	7
3.3.2 Wallpaper	8
3.3.3 Call	9
3.3.4 Voice Message	10
3.3.5 Monitor	11
3.3.6 DND	12
3.3.7 Bind	13
3.3.8 Setting	13
Chapter 4 Installation	21
4.1 Installation Height	21
4.2 Installation Illustration	22

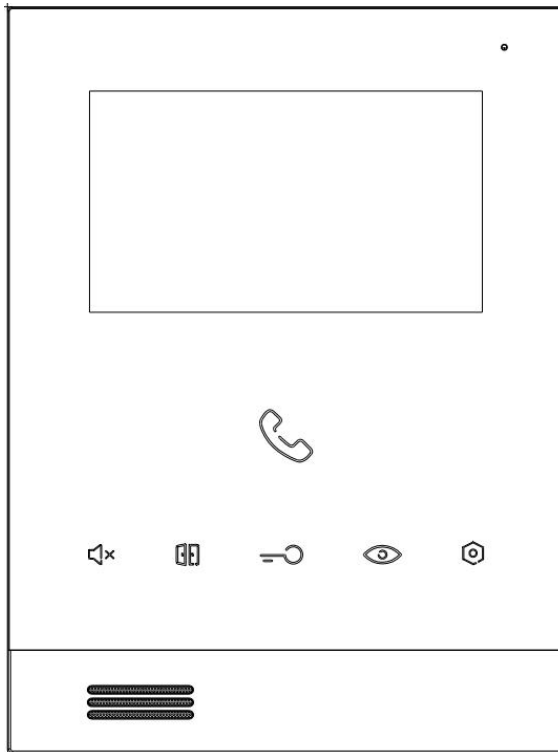
Chapter 1 Function in brief

This product is a part of the 2-wire analog video door phone system. The system consist of Power Supply, Outdoor Station, and Indoor Station, each part is connected to the system via 2 core wires. The functions and characteristic of this product are as follows:

- **Support visual intercom, unlock**
- **Support real time surveillance to outdoor station and camera**
- **Support intercom function between residents in the same community**
- **Support intercom function between other indoor stations that are installed in the same house and supply external intercom**
- **Support remote visual call, unlock and monitor to two-wire outdoor station via APP**

Chapter 2 Product Introduction

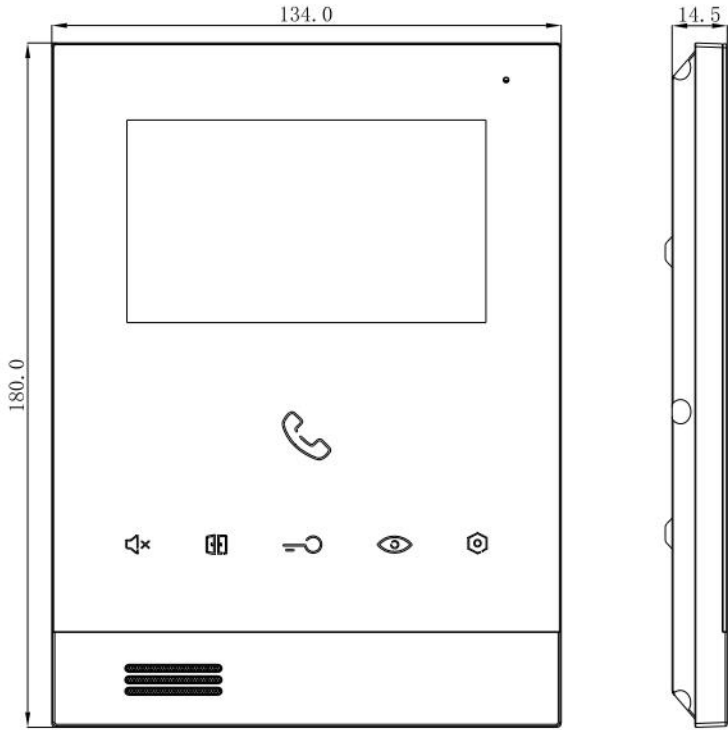
2.1 Product Appearance



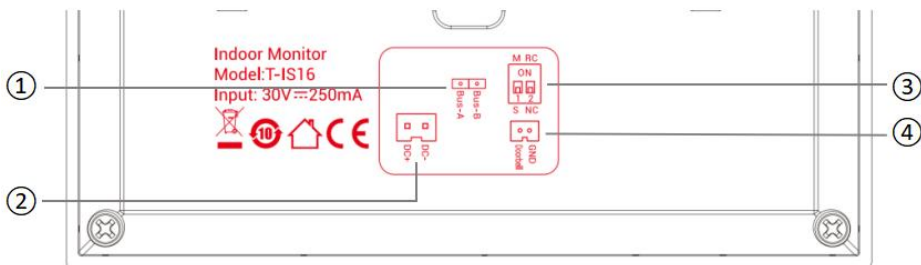
Touch Key Instruction:

- (1) 📞 : Dial, answer, hang up the call
- (2) 🔇 : Sound off icon
- (3) 🔒 : Unlock 1 icon
- (4) 🔑 : Unlock 2 icon
- (5) 👁️ : Monitor icon
- (6) ⚙️ : Setting icon

2.2 Product Dimension



2.3 Interface Description



- (1) No.①: Two-wire bus interface
- (2) No.②: Independent power interface (DC 21 ~ 32V)
- (3) No.③: Primary and secondary extension selection/end matching switch)
- (4) No.④: Doorbell interface

2.4 Parameters

Working voltage: DC 12 ~ 30V

Quiescent current: \leq 90mA (DC 30V)

Working current: \leq 250mA (DC 30V)

LCD Display: 5 inches

Resolution: 800×480

Outline dimensions (L×W×D) : 180×134× 14.5mm

Working temperature: -10°C ~ +55°C

Storage temperature: -30°C ~ +70°C

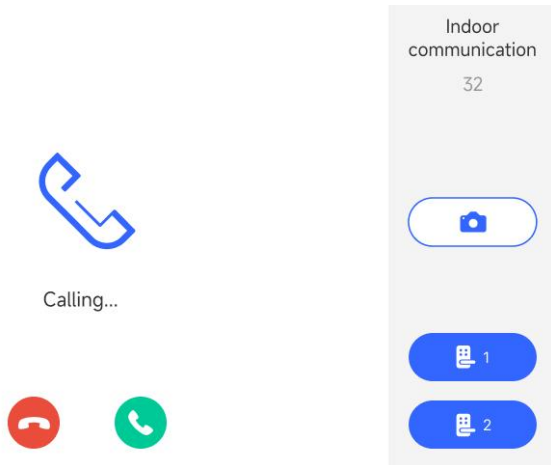
Chapter 3 Basic Functions

3.1 Power-up





Power on for the first time (bus power +30V or independent power DC +12-30V) → Tap the screen to enter the language selection screen, select the corresponding language, and click OK → Enter the main screen.

3.2 Call Answer

Basic workflow: Ring bell⇒Call⇒Unlock⇒Call ended



Incoming Call:

- 1: Visitor can call indoor monitor from outdoor station, the bell of indoor monitor will ring;
2. Resident can click the icon  to talk with the visitor;
3. During the call, the resident can unlock the door by clicking the icon . After unlocking, call will be ended automatically within 5 seconds and return to the main interface;
- 4: Resident can click  to end the call;
- 5: During the calling, you can press the icon  to capture a photo of the visitor.

Attention:

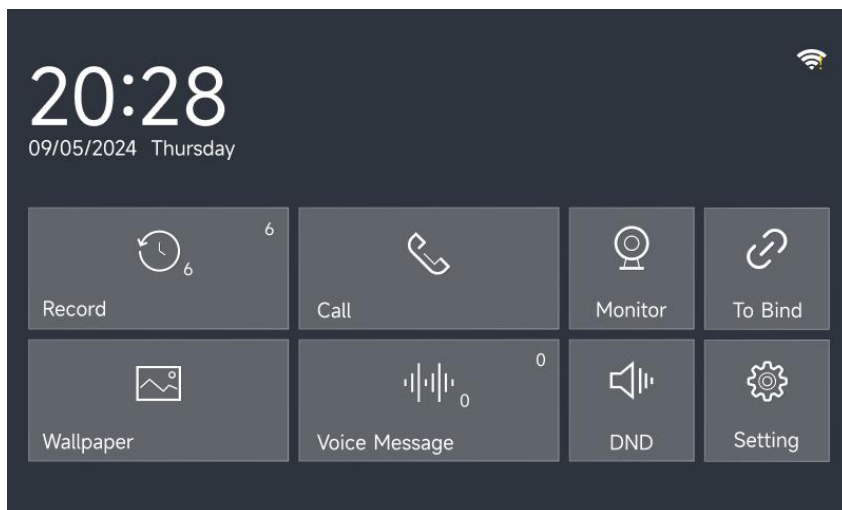
(1) By default, the system automatically captures a photo of the visitor in the first 3S of the

calling. You can manually capture the photo, and the captured photo will be saved in the call record.

(2)When the outdoor station is equipped with a second lock, you can click the icon to unlock NO.2 lock for the visitor.

(3)Supports cloud intercom and unlocking between the bound APP account and the two-wire outdoor station.

3.3 Function details



This indoor monitor mainly includes eight major functions: Record, Wallpaper, Call, Voice Message, Monitor,DND,Bind and Setting. The detailed descriptions are shown in the following.




3.3.1 Record

Record is used to store the call records of the indoor monitor.

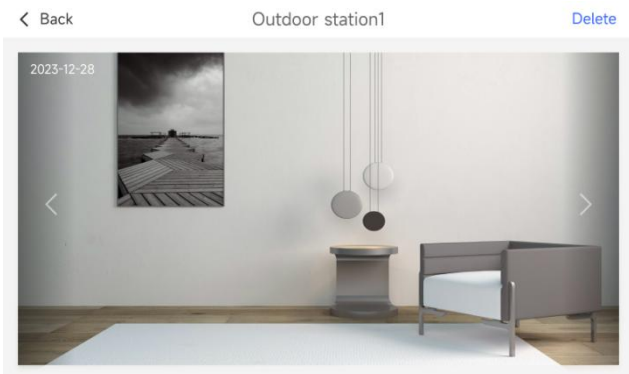
Click the icon




on the main interface to enter the Call Record interface, as shown in the figure below.

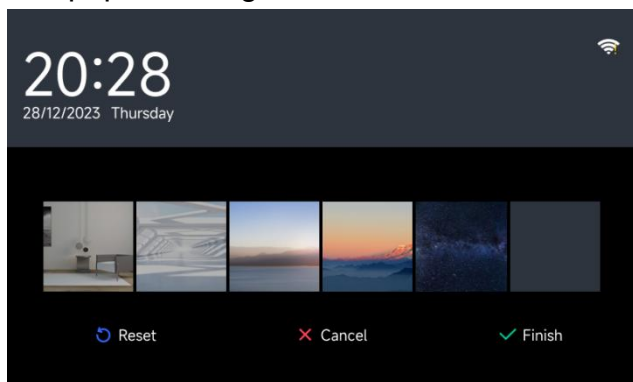
< Back	Record	Clean All
• Outdoor station1	 2023-12-28 11:06 >	
• Outdoor station1	2023-12-28 11:06 >	
Outdoor station1	 2023-12-28 11:06 >	
Outdoor station1	 2023-12-28 11:06 >	
Outdoor station1	2023-12-28 11:06 >	
Outdoor station1	2023-12-28 11:06 >	
Outdoor station1	2023-12-28 11:06 >	

1. Clear: Click the Clean All button to clear all call records.
2. Delete: Select the record to be deleted, swipe left to display the delete button, and click delete.
3. View: The user can view the latest 200 call records, click the record to view the snapshot pictures or videos during the call, and the record can be deleted by clicking the Delete button.



3.3.2 Wallpaper

Wallpaper is used to set the background wallpaper of the indoor monitor. Click the icon  on the main interface to display the Wallpaper Setting interface, as shown in the figure below.




1: Click to select the background image, and click Finish to set the selected image as the main interface background.


2:Reset: To change the wallpaper back to the default image;

Cancel: Cancel the operation and return to the main interface.


3.3.3 Call

Call is used for initiating external intercom and indoor intercom. Click the icon  on the main interface to enter the Call interface, as shown in the figure below.

1. External Intercom

Enter the correct room number (1-200) in the input box, click the icon  to call the corresponding indoor monitor.

2. Call Guard Unit

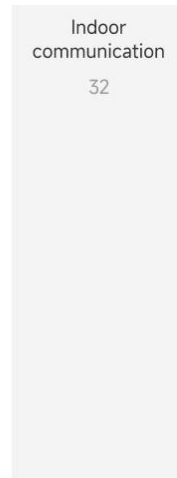
Enter 200 in the input box and click the icon  to call the guard unit.

3. Indoor Intercom

Click the Indoor Intercom button to make a call to another indoor monitor in the same apartment, as shown in the figure below.




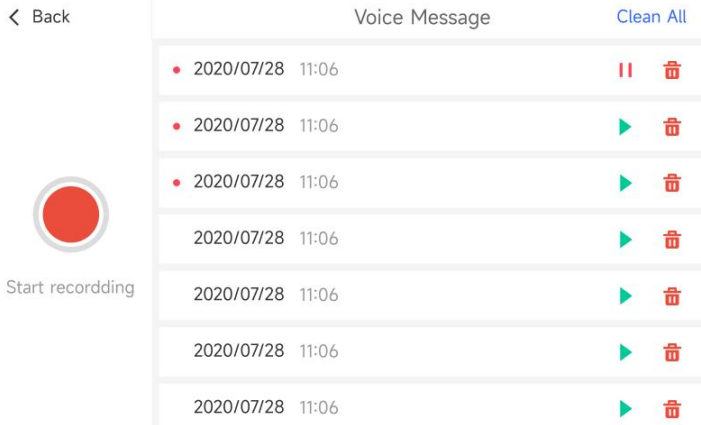
Calling...



Click  to hang up the call.

3.3.4 Voice Message

Voice Message is used for users to record messages. Click the icon  on the main interface to enter the Voice Message interface, as shown in the figure below.



1. Record Message

Click the red button on the left to start recording → click the red button again to end; a voice message will be generated. (Note: The max time of voice recording is 30S, and the recording will be ended automatically when it exceeds 30S)

2. Play

Click the Play button on the right to play the current voice message.

3. Clear

Click the Clean All button to clear the current voice message list.


4. Delete

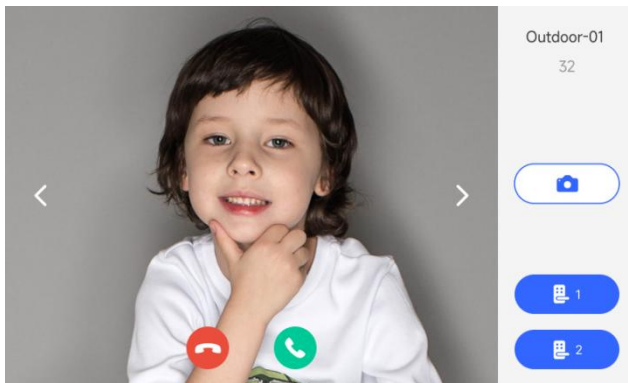
Select the message record to be deleted, swipe left to display the delete button, and click Delete.

Attention:

At present, a maximum of 30 voice messages can be recorded, and the earliest one will be overwritten when the number reaches 30.


3.3.5 Monitor

Click the icon  on the main interface to enter the Monitor interface, where you can check the surveillance of the outdoor station, as shown in the figure below.




1. Monitor and Unlock

(1) Basic workflow: switch left and right to select the monitored device⇒Monitoring⇒Unlock⇒Monitoring ended

(2) During surveillance, resident can click the icon  to unlock the door.



(3) Click the icon  to end monitoring.

2. Surveillance Capture and video Record

(1) During the surveillance, click the icon  on the screen to take a snapshot manually.


3. Call in Surveillance

(1) Basic workflow: Monitor⇒Talk⇒Call ended

(2) During the surveillance of the outdoor station, resident can click the icon  to talk with the visitor, and press  to end the call.

Attention:


(1) Captured pictures and videos will be saved in the call log.

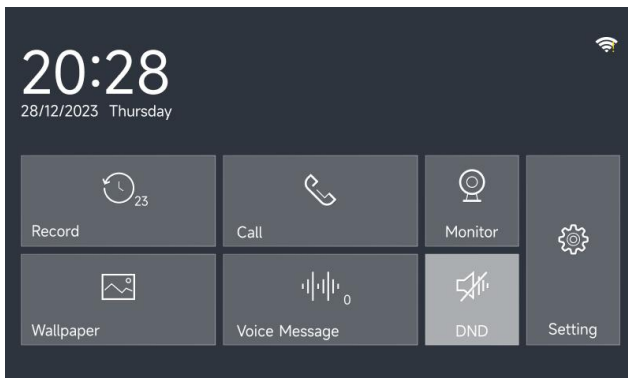
(2) When the outdoor station is equipped with a second lock, you can click the icon to  unlock NO.2 lock for the visitor.

4.Supports cloud intercom and unlocking between the bound APP account and the two-wire outdoor station.

When the bound mobile APP remotely monitors the outdoor station, the major monitor enters the cloud intercom state and can not be operated, and those slave monitors enter the standby state and cannot monitor the outdoor station.



3.3.6 DND

Click the icon  on the main interface ,the DND function is enabled, as shown in the figure below.




Short press to mute the unit and long press to mute the room for 3 seconds.

3.3.7 Bind

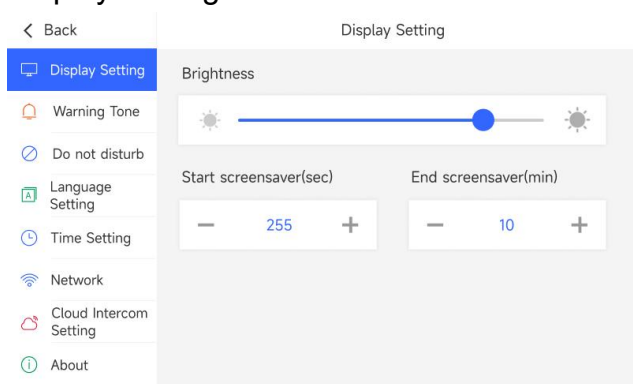
Click the icon  to jump to the cloud intercom binding setting interface, you can perform cloud intercom binding operation; After the binding is successful, the icon  is hidden on the home screen.

3.3.8 Setting

Click the icon  in the main interface, enter into setting pages, you can set the parameters of the indoor unit, such as Display Setting and Warning Tone.

1. Display Setting

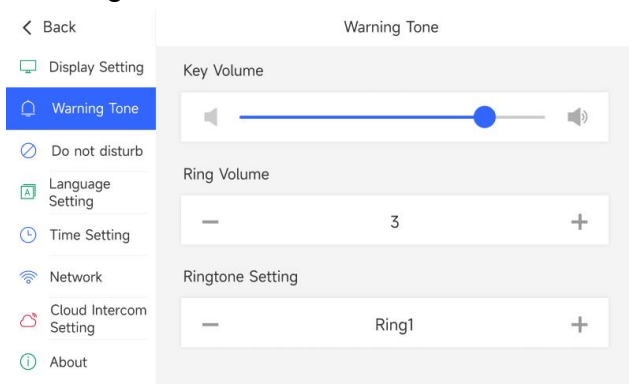
Click Display Setting item on the left menu bar to enter the Display Setting interface.



- (1) Brightness: slide the slider to adjust the screen brightness;
- (2) Start screensaver(sec) : Set the screensaver time, which can be set to 30-255 seconds.
- (3) End screensaver(min) : sets the end time of the screensaver. The value ranges from 1 to 10 minutes. After the end of the screensaver, the system enters the standby state of black screen.

2. Warning Tone

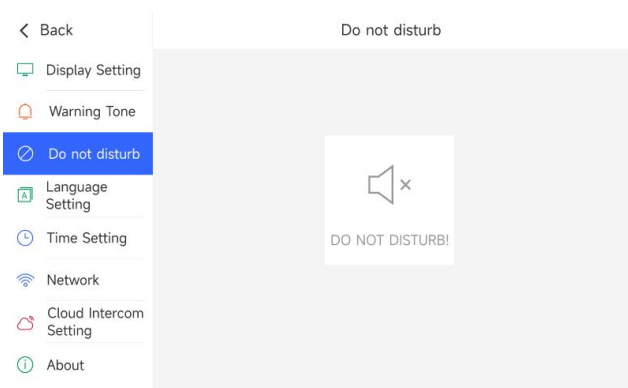
Click the Warning Tone item on the left menu bar to enter the Warning Tone interface.



- (1) Ringing Volume: Slide the slider to adjust the ringing volume.
- (2) Key Volume: Slide the slider to adjust the key pressing volume.
- (3) Key Sound: Select the key sound.
- (4) Ring: Select the ringtone.

3. Do not disturb

Click the Do not disturb item on the left menu bar to enter the Do not disturb interface.

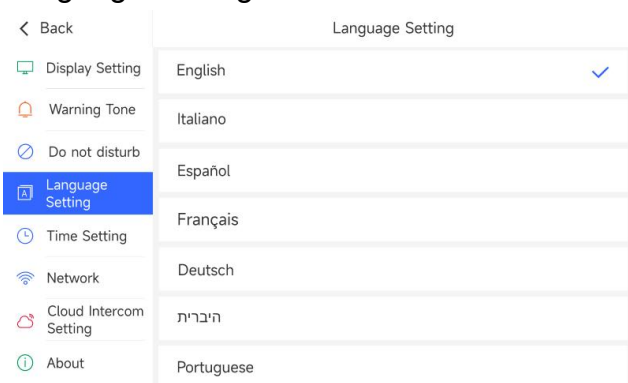


(1) Do not disturb: Click the Do not disturb icon to mute the ringing,

(2) When there are multiple monitors in one apartment, long press the Do not disturb icon to mute all monitors synchronously, and short press this icon to mute the current device only.

4. Language Setting

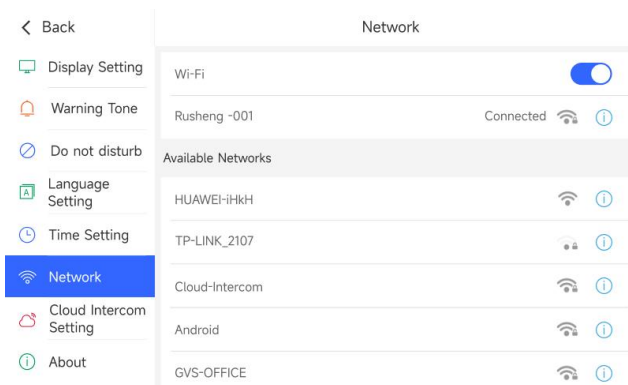
Click the Language Setting item on the left menu bar to enter the Language Setting interface.



(1) Language Setting: English, Italian, Spanish, French, German, Hebrew can be selected.

5. Network

Click the Network item on the left menu bar to enter the Network Setting interface.

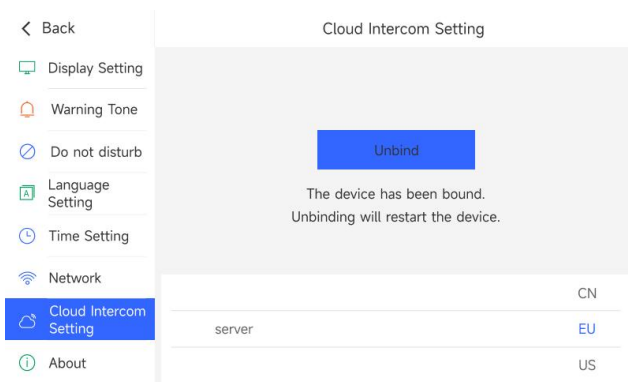


(1) Wi-Fi switch: To turn on/off WiFi.

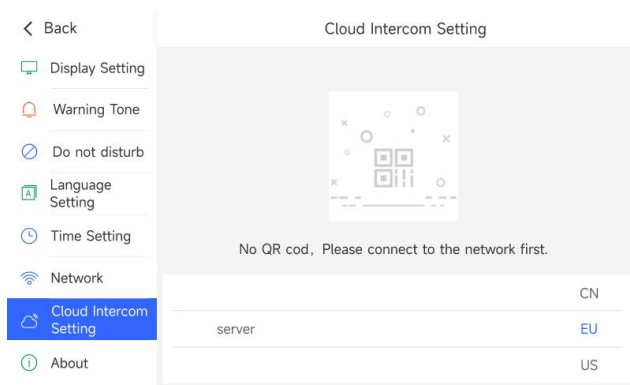
(2) Available Networks: Available WiFi list, click to connect the selected available WiFi.

6. Cloud Intercom Setting

Cloud Intercom Setting is mainly used to add/delete the APP account of Cloud Intercom. Click the Cloud Intercom Setting item on the left menu bar to enter the Cloud Intercom Setting interface.

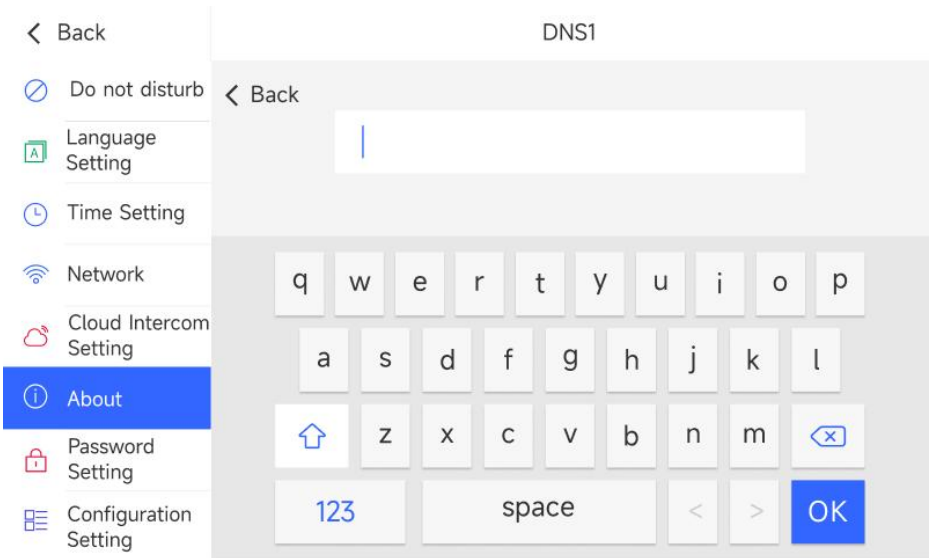
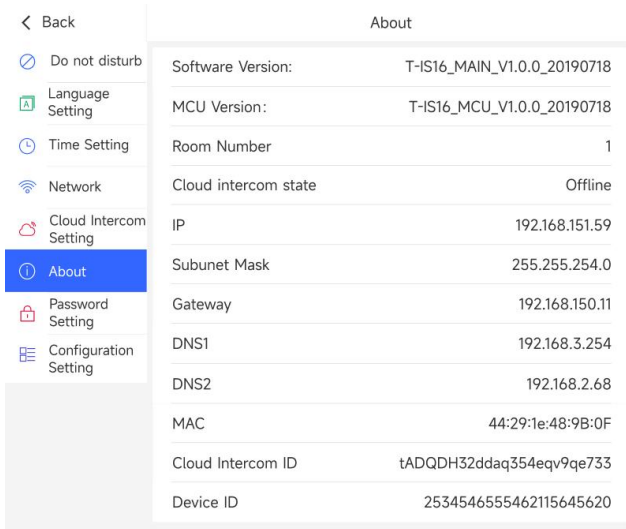


(1) Add new mobile account: Click the Add new mobile account button → enter the interface for adding a cloud intercom account, and open the Smart Home + APP to scan the QR code on the interface.



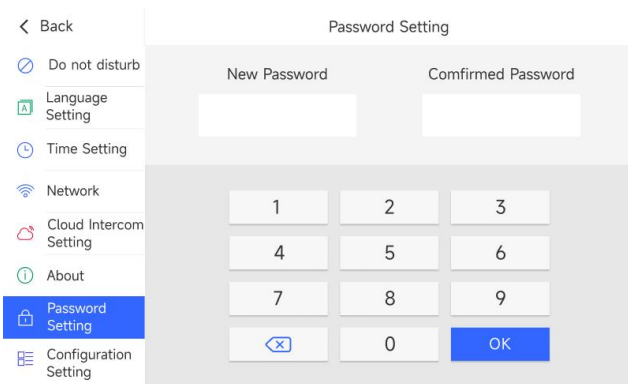
7. About

About is mainly used to view the Software Version、MCU Version、Cloud intercom、Room number、IP、Mask、Gateway、DNS、MAC、Cloud intercom ID and Device ID, Click About on the left menu bar to enter the About interface.



8. Password Setting

Password Setting is mainly used to reset the user password. Click the Password Setting item on the left menu bar to enter the Password Setting interface.

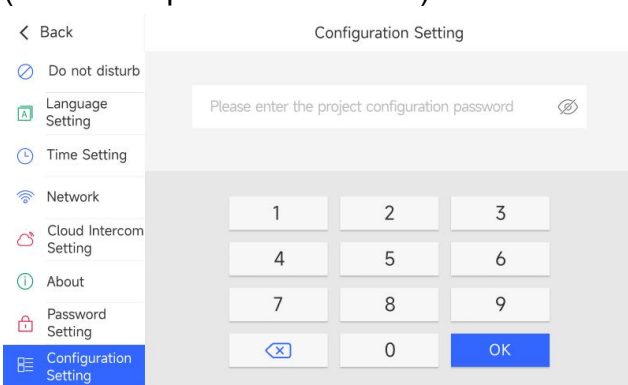


Reset user password workflow:

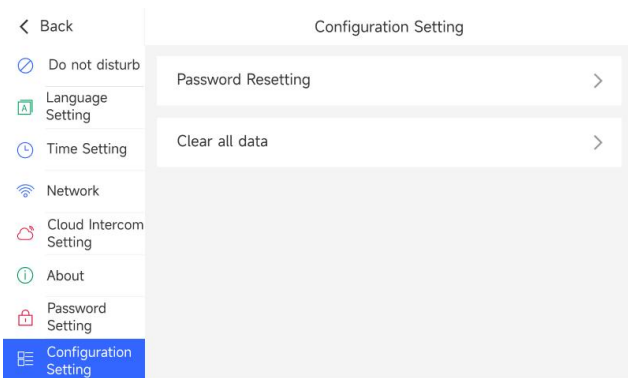
Enter the project password, click the OK button, if the password is correct → jump to the user password setting interface, enter the old password, new password and the confirmed new password, click the OK button.

9. Configuration Setting

User can enter the project password (801801) to enter the Configuration Setting interface; and enter the user password (initial user password 666666) to enter the User Setting interface.



Enter the project password 801801 to enter the Configuration Setting interface.

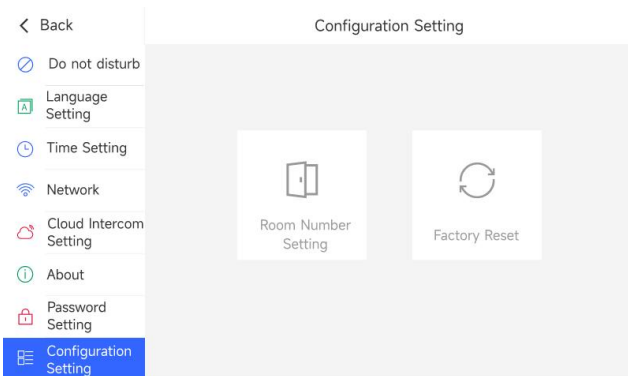


(1) Password Resetting: Reset the user password to the initial user password 666666.

(2) Clear all data: Clear all data, including: passwords, images, videos, etc.

- Enter the user password (the initial user password is 666666) to enter the User Setting

interface.

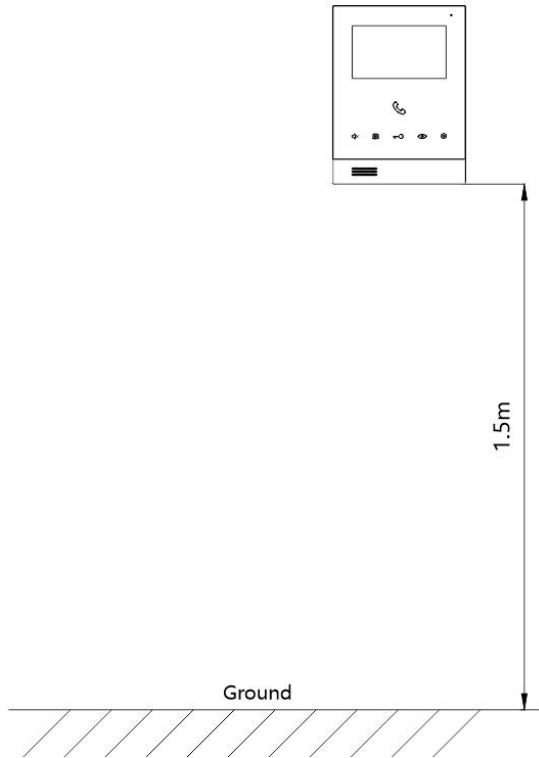


(1) Room Number Setting: Set the room number, the address range of room number: 1~200.

(2) Factory Reset: restore the factory settings, after factory reset, all setting values are restored to their default values.

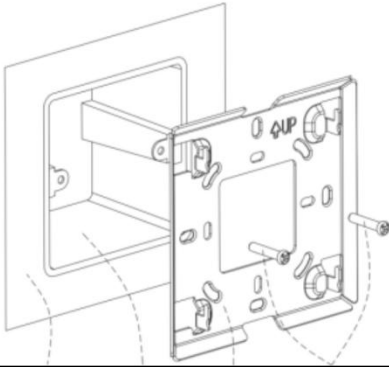
Chapter 4 Installation

4.1 Installation Height



4.2 Installation Illustration

①



Wall 86box Frame Screws

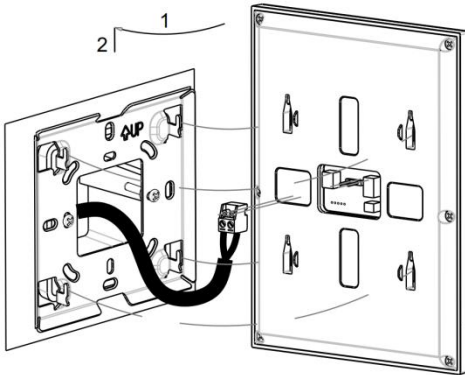
Step 1: Bracket installation

Drive the screws on the bracket with the holes on the 86 box.

(Attention: The direction of the frame, arrow facing up),

Fasten the screws to fix the bracket

②



Step 2: Install the whole machine

Connect the cable to the terminal according to the wiring diagram, then

Connect the terminal to the pin on the back of the indoor unit; Align the holes on the back of the indoor unit with those on the pylon, Install the buckle, and when it is in place, push the indoor unit down, Pull the buckle and the installation is complete.