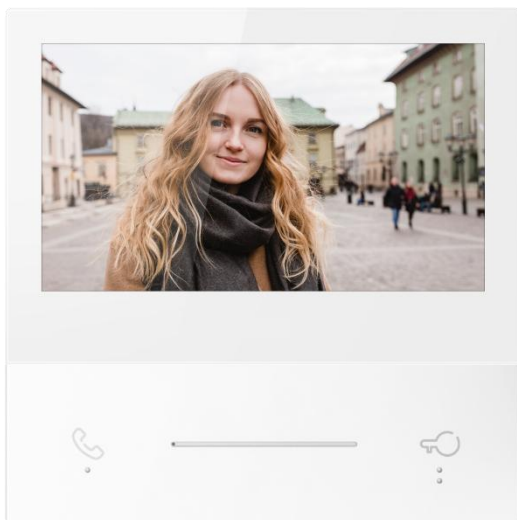


User Manual

Indoor Monitor



T Series 7 Inch Indoor Monitor User Manual_V1.0
T-IS10-Tuya

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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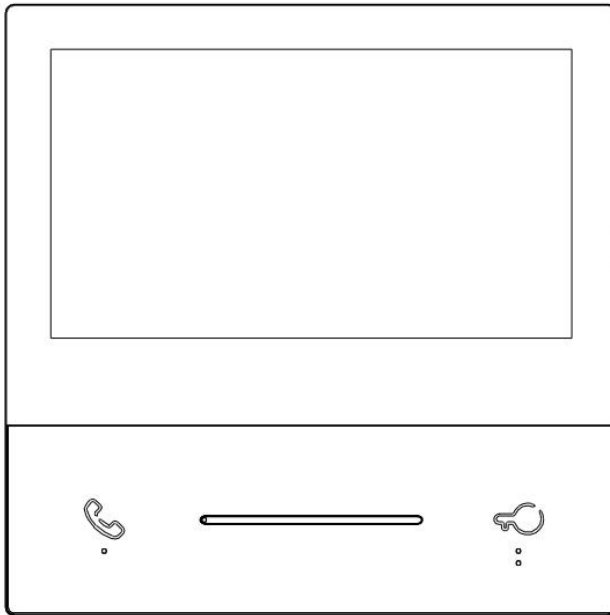
Chapter 1 Function Overview

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



- **Support visual intercom, remote unlock**
- **Support real-time surveillance to outdoor station**
- **Support multiple indoor monitors in one apartment**
- **Support indoor intercom and external intercom**
- **Support remote visual call, unlock and monitor to two-wire outdoor station via APP**

Chapter 2 Product Description

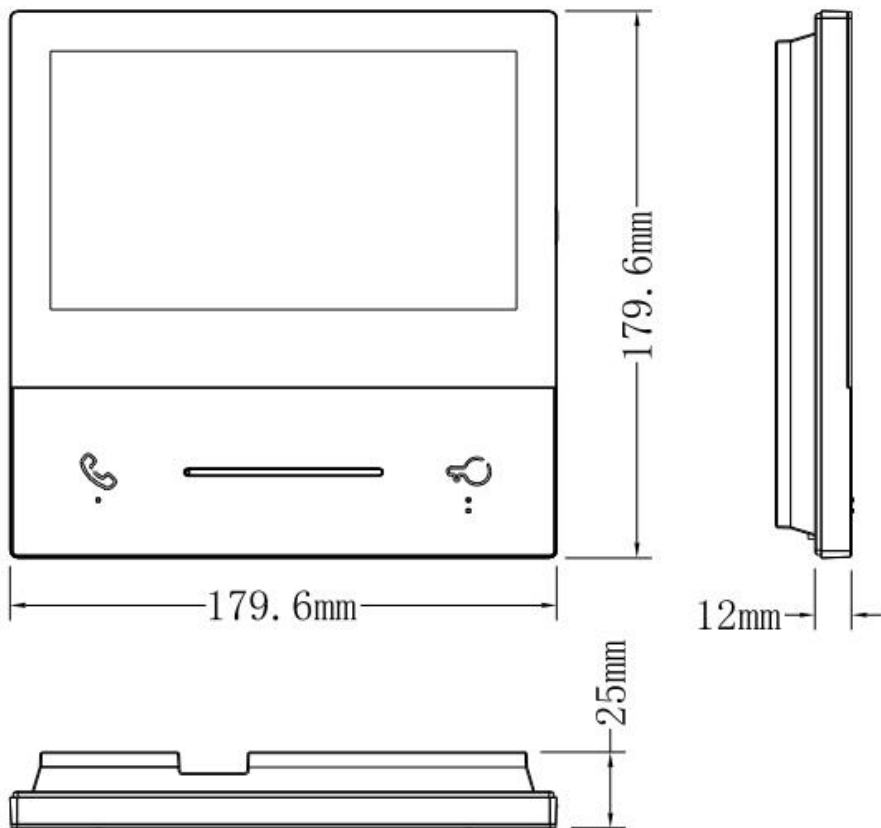
2.1 Appearance



Touch Key Instruction:

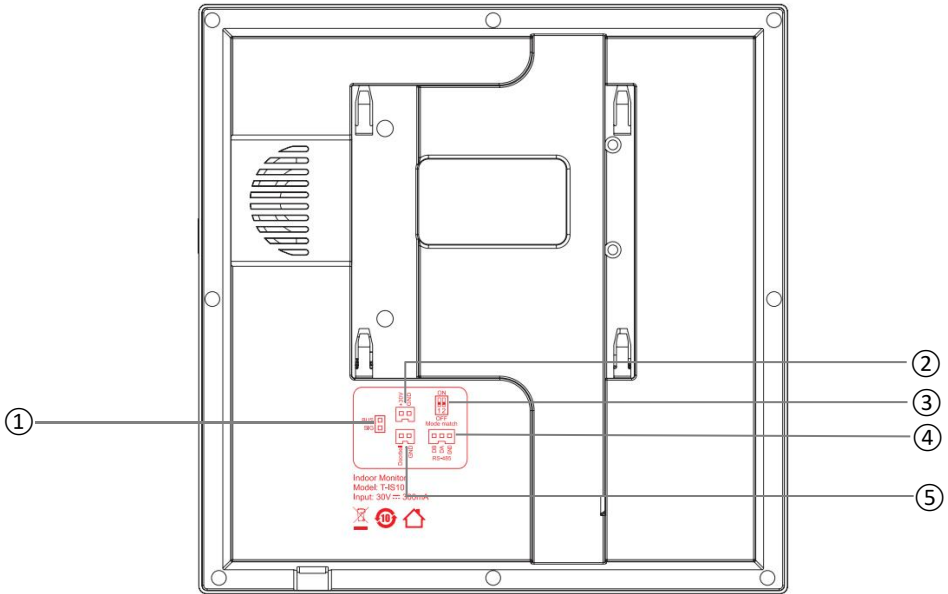
- (1)  : Call/answer/end up the call;
- (2)  : Unlock the door.

2.2 Dimension



2.3 Interface Introduction

2.3.1 T-IS10



- (1) Number ①: Two-wire bus interface;
- (2) Number ②: Independent power interface (DC 21 ~ 32V);
- (3) Number ③: Master/Slave monitor selection/impedance matching switch;
- (4) Number ④: RS485 interface;
- (5) Number ⑤: Doorbell interface.

For M/S (Master/Slave) sub-unit DIP switch settings: If there are multiple sub-units in one household, in order to reduce the load on the bus caused by multiple indoor units in a single household, it is recommended to have one master sub-unit per household, and all other indoor units should be set as slave sub-units. When there are multiple indoor units in one household and a call is received, the master sub-unit will turn on the screen and ring simultaneously, while the slave sub-units will only ring without turning on the screen. However, when the devices are powered by DC, both the master and slave sub-units will turn on the screen.

Reserve dip:Reserved function

DC power supply:When forced to supply to the DC power, the device only draws power from the DC module and not from the bus.

(4) Number ④: RS485 interface;

The RS485 interface is reserved for future functions.

(5) Number ⑤: Doorbell interface.

By connecting an external doorbell button, the system can detect doorbell input. Once the button is pressed, the indoor monitor will automatically play a doorbell sound.

2.4 Parameter

Working Voltage: DC 21 ~ 32V

Quiescent Current: $\leq 111\text{mA}$ (DC 30V)

Working current: $\leq 300\text{mA}$ (DC 30V)

LCD Display: 7.0 inch

Resolution: 1024×600

Dimensions (L×W×D): 179.6×179.6×25 mm

Working temperature: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Storage temperature: $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Chapter 3 Basic Function

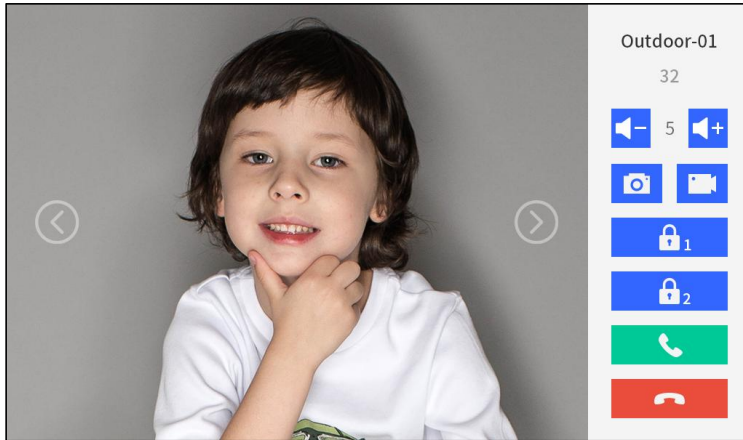
3.1 Power-up

Power on for the first time (bus power supply +32V or independent power supply DC +12-32V) → enter the Language Setting interface, select the corresponding language, click OK → enter the main interface.







Note: If there is no operation for 1 minute in the Language Setting interface, the system language will default to English, and enter the main interface.

3.2 Call Answer

Basic workflow: Ring bell⇒Talk⇒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. Calling Volume can be adjusted by the volume icon .
6. During the calling, you can press the icon  to capture a photo of the visitor, and press  to record the current calling interface.

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

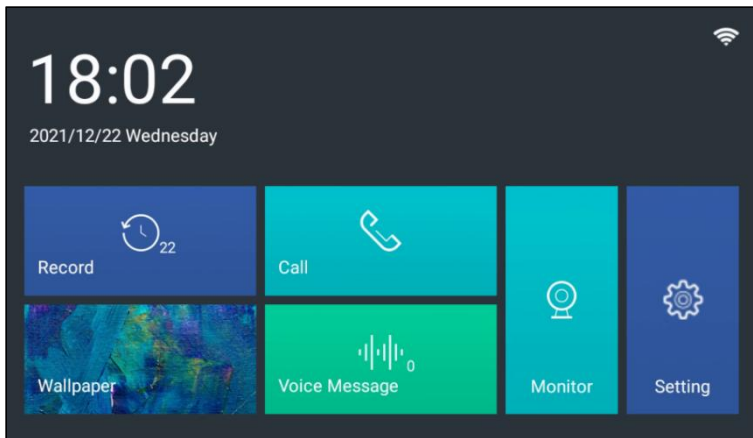
record.

(2) Support recording video after adding TF card, the default recording time of system is 15S.

(3) 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.

3.3 Function Details



This indoor monitor mainly includes six major functions: Record, Wallpaper, Call, Voice Message, Monitor 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	 2021-12-22 14:23:43	>
• Outdoor station1	 2021-12-22 14:22:53	>
• Outdoor station1	 2021-12-22 14:22:27	>
• Outdoor station1	 2021-12-22 14:22:10	>
• Outdoor station1	 2021-12-22 14:09:47	>
• Outdoor station1	 2021-12-22 14:05:40	>
• Outdoor station1	 2021-12-22 14:05:18	>

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.



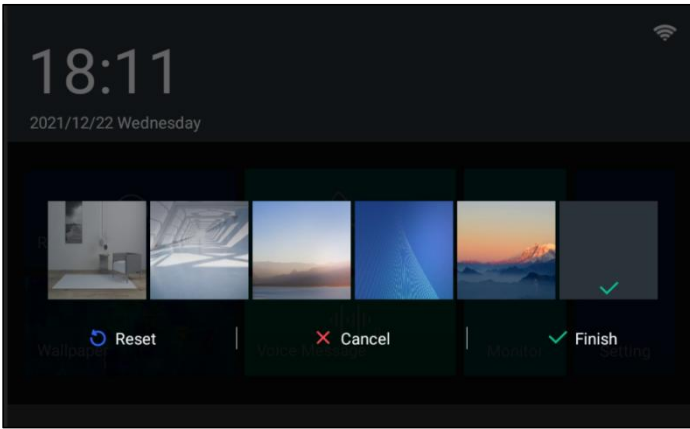
3.3.2 Wallpaper

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

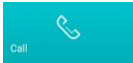
in the figure below.

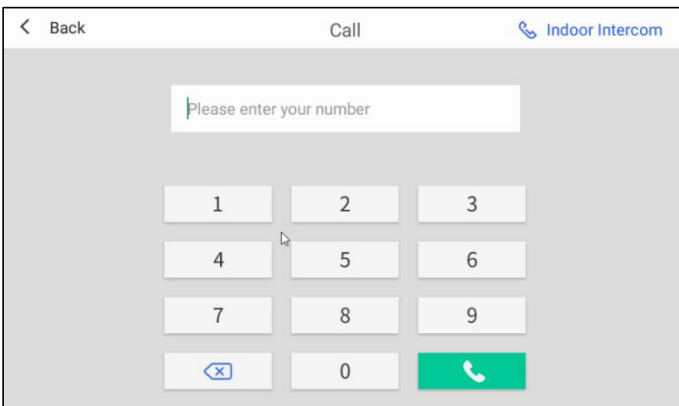


1. Click to select the background image, and click Finish to set the selected image as the main interface background.


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

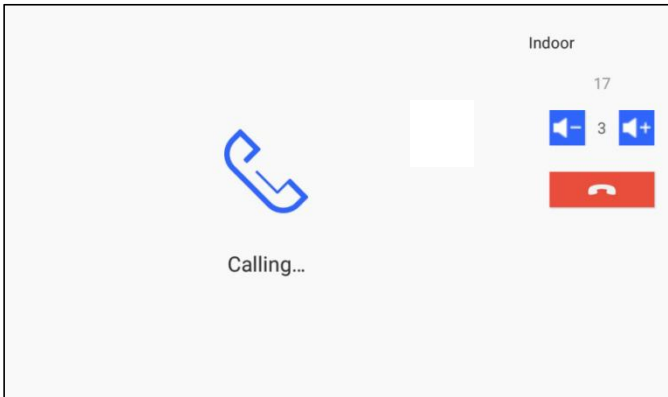
corresponding indoor monitor.




2. Call Guard Unit

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


3. Indoor Intercom

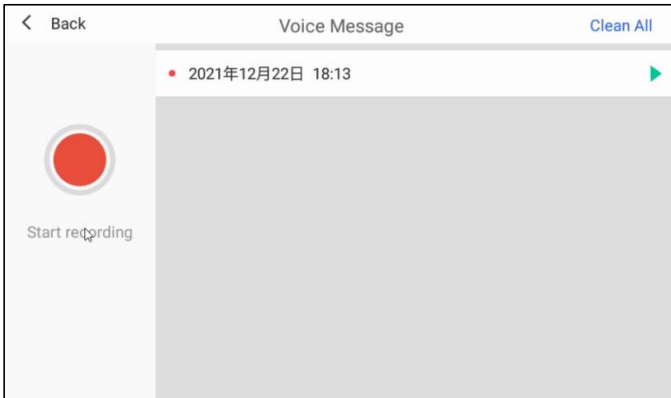
Click the Indoor Intercom button to make a call to another indoor monitor in the same apartment, as shown in the figure below.



Click the icon  5  to increase or decrease the call volume of indoor monitor, and 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

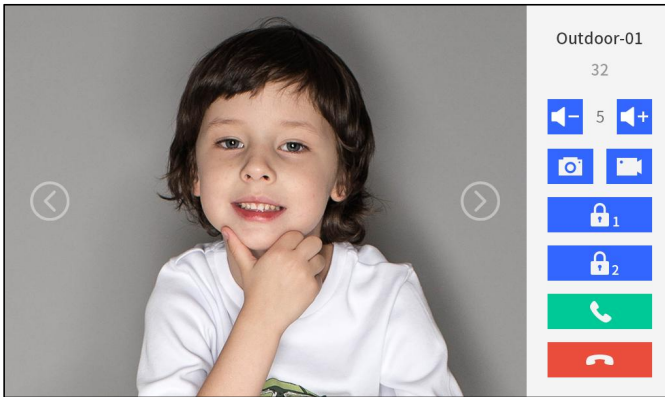
Select the message record to be deleted, swipe left to display the delete button, and click Delete.

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 \rightleftarrows Monitoring \rightleftarrows Unlock \rightleftarrows 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.

(2) During surveillance, click the icon  on the screen to record the current calling interface.

3. Call in Surveillance


(1) Basic workflow: Monitor \rightleftarrows Talk \rightleftarrows 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) Support recording video after adding TF card, the default recording time of system is 15S.

(3) 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

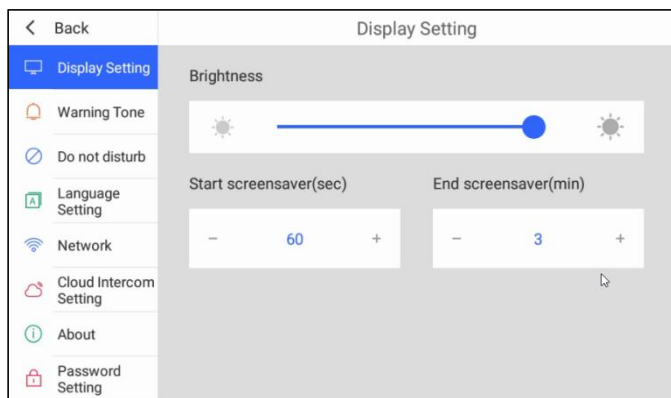
When the bound mobile APP remotely monitors the outdoor station, the major monitor enters the cloud intercom state and can not be operated, and those slave monitors enter the standby state and cannot monitor the outdoor station.

3.3.6 Setting

Click the icon  on the main interface to enter the setting interface, and you can set various parameters of the indoor monitor, such as Display Setting, Warning Tone, etc.

1. Display Setting

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



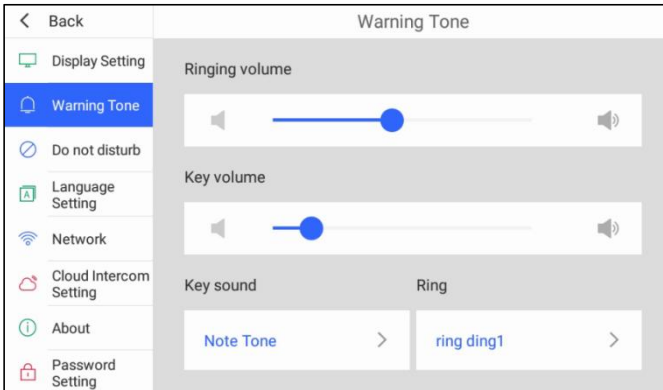
(1) Brightness: Slide the slider to adjust the brightness;

(2) Start screensaver(sec): Set the start time of the screensaver, which can be set as 30-255 seconds.

(3) End screensaver(min): Set the end time of the screensaver, which can be set as 1-10 minutes. After the screen saver time expires, the system enters enters a black screen standby state.

2. Warning Tone

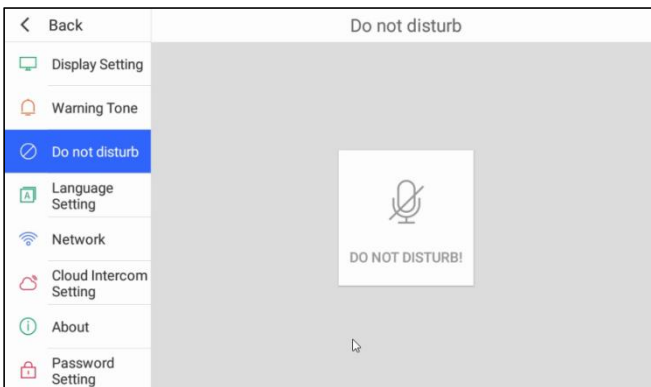
Click the Warning Tone item on the left menu bar to enter the Warning Tone interface.



- (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

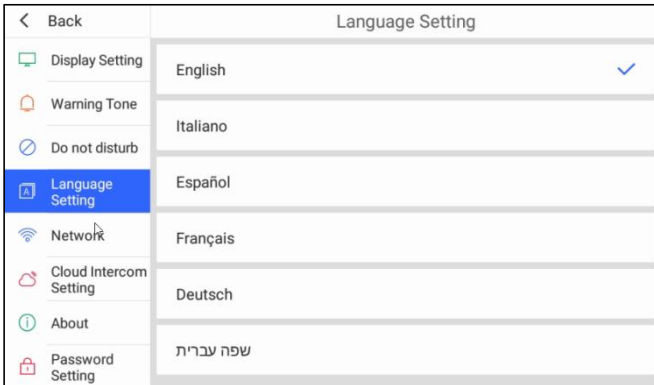
Click the Do not disturb item on the left menu bar to enter the Do not disturb interface.



- (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

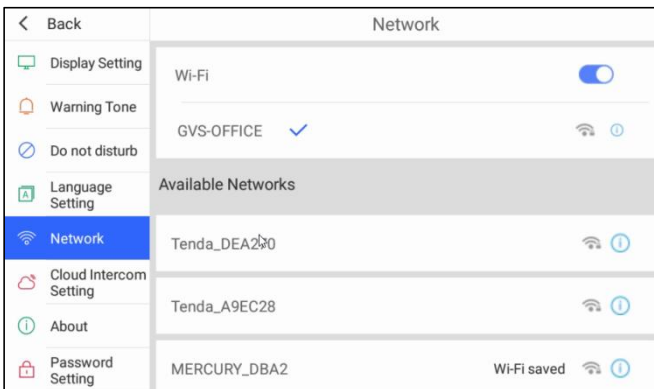
Click the Language Setting item on the left menu bar to enter the Language Setting interface.



(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.

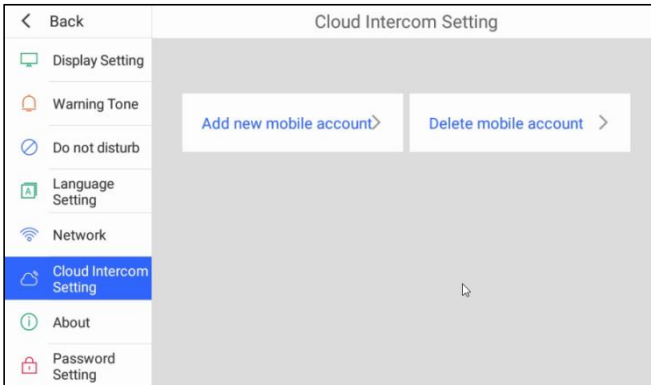


(1) Wi-Fi switch: To turn on/off WiFi.

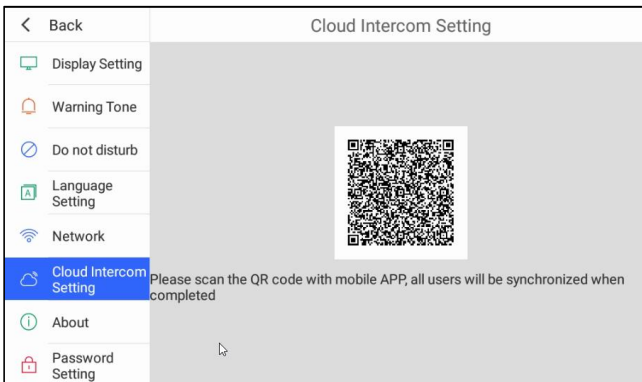
(2) Available Networks: Available WiFi list, click to connect the selected available WiFi.

6. Cloud Intercom Setting

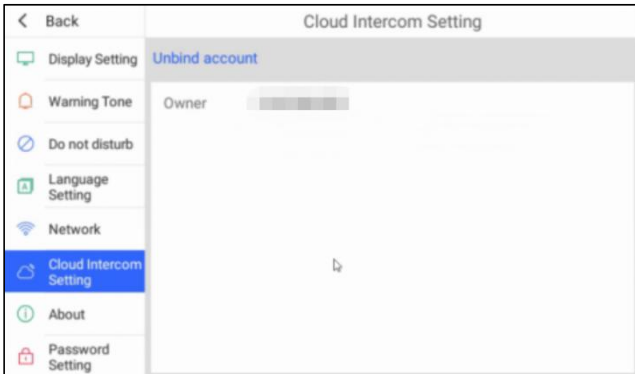
Cloud Intercom Setting is mainly used to add/delete the APP account of Cloud Intercom. Click the Cloud Intercom Setting item on the left menu bar to enter the Cloud Intercom Setting interface.



(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' or 'Tuya Smart' App to scan the QR code on the interface.

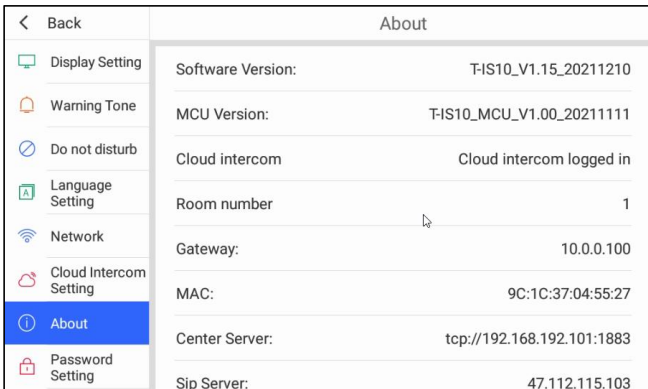


(2) Delete mobile account: Click the Delete mobile account button → enter the account list interface, click Unbind account → a confirmation pop-up window appears, click the Confirm button to clear all accounts.



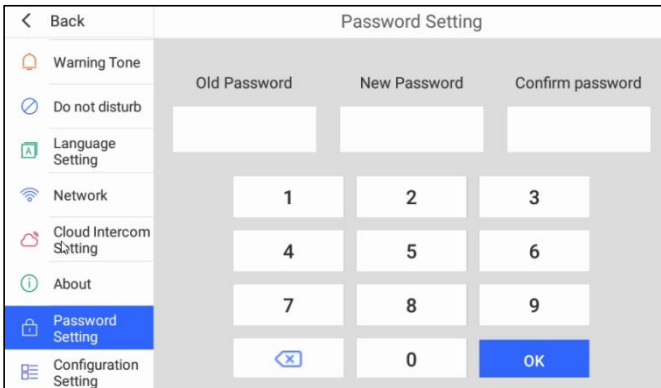
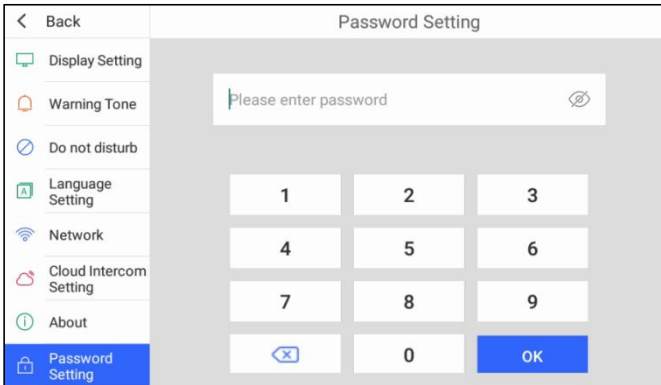
7. About

About is mainly used to view the Software Version, MCU Version, Cloud Intercom, Room Number, Gateway, MAC, Center Server and Sip Server of the device. 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.

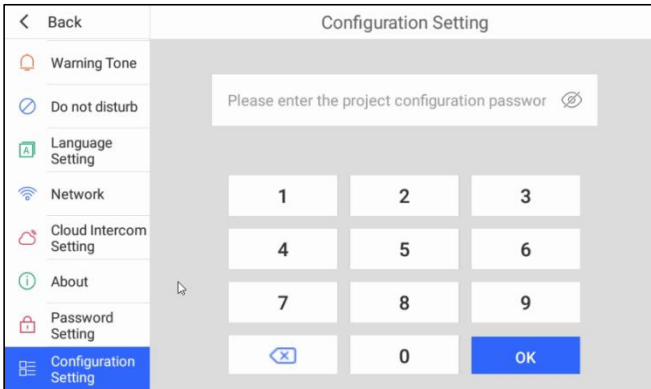


Reset user password workflow:

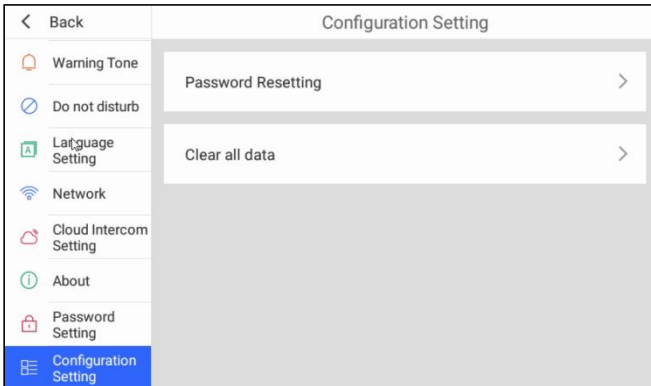
Enter the project password, click the OK button, if the password is correct → jump to the user password setting interface, enter the old password, new password and the confirmed new password, click the OK button.

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.

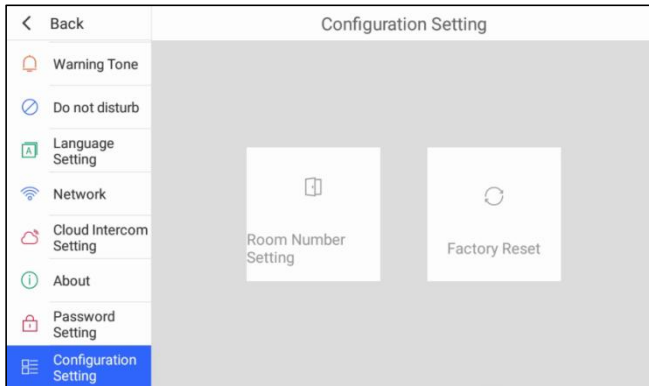


- Enter the project password 801801 to enter the Configuration Setting interface.



- (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.

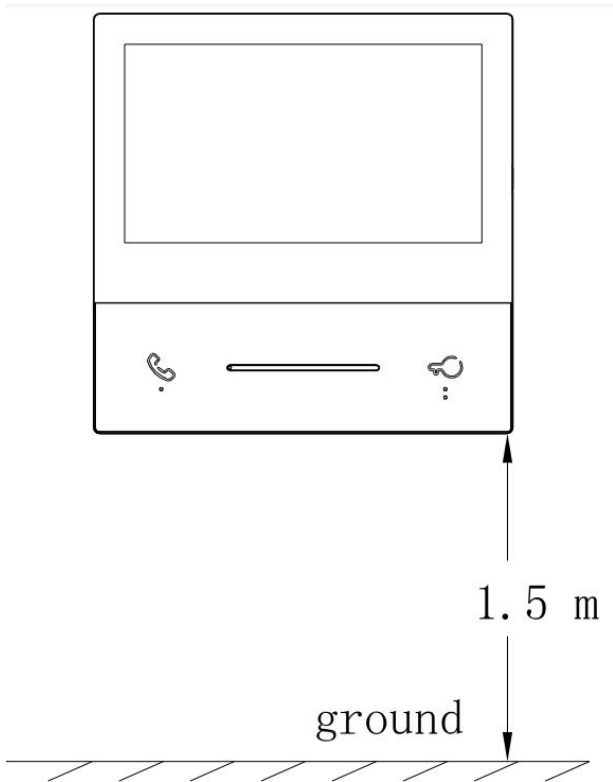
- Enter the user password (the initial user password is 666666) to enter the User Setting interface.



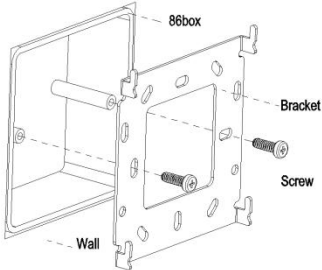
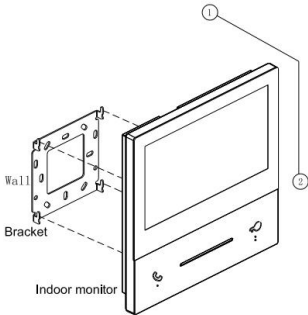
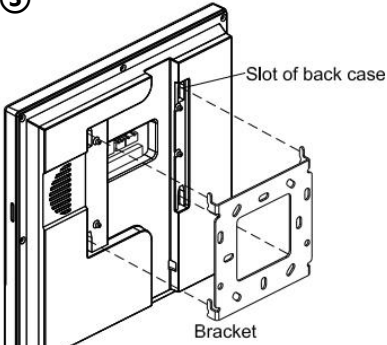
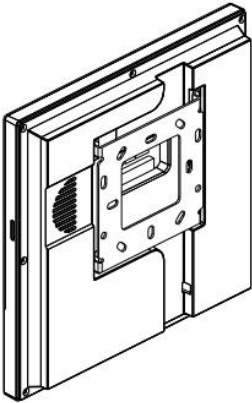
- (1) Room Number Setting: Set the room number, the address range of room number: 1~200.
- (2) Factory Reset: restore the factory settings, after factory reset, all setting values are restored to their default values.

Chapter 4 Installation

4.1 Installation Height



4.2 Installation Notices

<p>①</p>  <p>86box</p> <p>Bracket</p> <p>Screw</p> <p>Wall</p>	<p>Step 1:</p> <p>Drive the screws on the bracket with the holes on the 86 box.</p> <p>Fasten the screws to fix the bracket</p>
<p>②</p>  <p>Wall</p> <p>Bracket</p> <p>Indoor monitor</p>	<p>Step 2:</p> <p>After finishing the wiring of the Indoor Monitor, align the slot behind the Indoor Monitor to the hook of the bracket.</p> <p>After aligning correctly, move downward a little to make the Indoor Monitor well fastened on bracket.</p>
<p>③</p>  <p>Slot of back case</p> <p>Bracket</p> <p>Indoor monitor</p>	<p>④</p>  <p>With the bracket installed</p>