

**Trudian**  
Trudian Master Station  
Video Intercom



# Trudian Master Station Video Intercom User Manual

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**Trudian Master Station Video Intercom**



### Product Specifications:

- Appearance Size: 220\*190\*65mm
- Material: Aluminum alloy and ABS plastic
- Screen: 8" MIPI screen 1280×800 touch screen
- Resolution Input Operation: Speaker and microphone
- Audio Output: 8W
- Audio Input: Microphone
- Power Consumption: 12 ~ 15V, 8W
- Working Voltage: -10 ~ 70
- OS: Android
- Processor: 1.6G main frequency
- SDRAM Memory: 1GB 32bit LPDDR4
- Communication Method: 8G wired network
- Functions: Video call, remote unlocking, monitoring
- Functional Interface:
  - 1 \* RJ45 interface: standard network cable
  - 1 \* USB interface: USB camera
  - 1 \* TF card interface: software upgrade
  - 1 \* power interface: DC12V power input (9~18V)

### Product Usage Instructions

#### Home Screen Display:

The home screen of the device is divided into two parts: time, date & week display module and function module.

#### Product Functions:

## Unlock:

- **Description:** Click to open the door connected to each outdoor station.
- **Operation:** Click Unlock button on the home screen, enter the unlock interface. Select the door you want to open and click to unlock it.

## Call:

- **Description:** Click to call indoor monitor, administration center, and other master station (security machine).
- **Operation:** Click Call button on the home screen, enter the call interface. Click the Visual Call button, input the building, unit and room number, click the call button below to start calling the indoor monitor in this room.

## Monitor:

- **Description:** Click to monitor the view field of each unit outdoor station, villa VTO, and gate machine.
- **Operation:** Click the Monitor button on the home screen, enter the building monitoring interface. Select the specific unit, villa, or gate you want to monitor and click to start monitoring.

## Frequently Asked Questions (FAQ):

- **Q: How do I view call records and alarm records?**  
A: To view call records, unlock records, and alarm records, go to the Record section under Product Functions on the home screen.
- **Q: Can I change system settings like sound and language?**  
A: Yes, you can change system settings like sound, date & time, languages, display settings, and advanced settings under the Settings section in Product Functions.

## Video Intercom Master Station

### User Manual

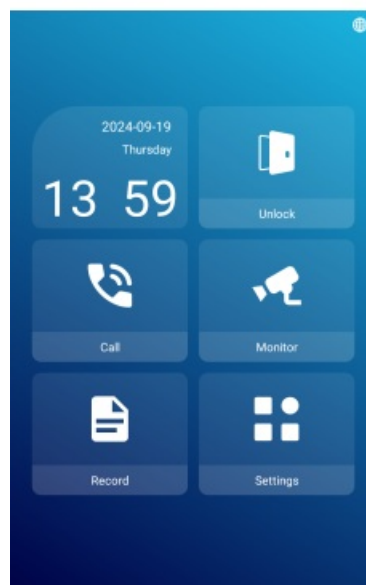
## Product Specifications

- Appearance Size 220\*190\*65mm
- Material Aluminum alloy and ABS plastic
- Screen 8" MIPI screen
- Resolution 1280×800
- Input Operation touch screen
- Audio Output speaker
- Audio Input Microphone
- Power
- Consumption 8W
- Working Voltage 12 ~ 15V
- Working
- Temperature -10°C ~ 70°C

- OS Android
- Processor 1.6G main frequency
- SDRAM SIP 1GB 32bit LPDDR4
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- Communica3on
- Method wired network
- Func3ons video call, remote unlocking, monitoring 1 \* RJ45 interface: standard network cable  
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- Func3onal Interface 1 \* TF card interface: so\ware upgrade 1 \* power interface: DC12V power input (9~18V)

## Home Screen Display

The home screen of the device is divided into two parts: 7me, date & week display module and function module.



## Product Func1ons

No.		
1	Unlock	Click to open the door connected to each outdoor station.
2	Call	Call indoor monitor, administration center, and other master station (security machine)
3	Monitor	Monitor each outdoor station and unlock the door during monitoring
4	Record	View call record, unlock record, and alarm record
5	Settings	Sound, Date & time, Languages, Display, System information, Advanced settings

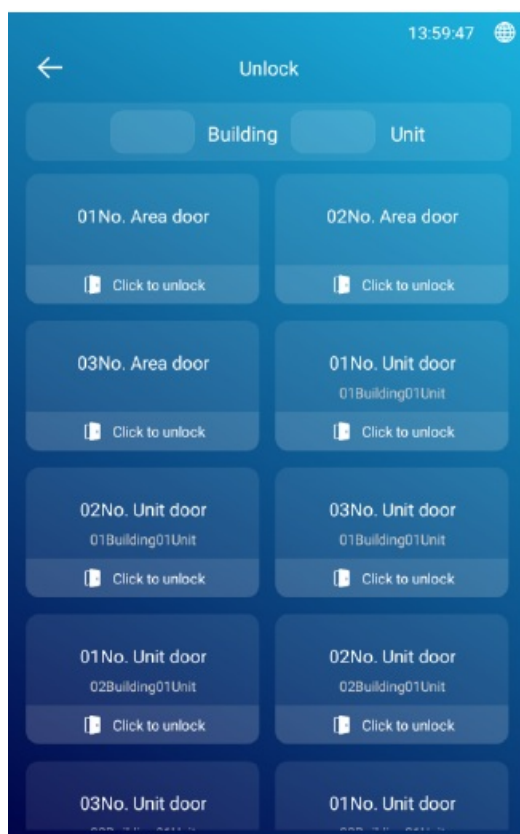
## Unlock

### Description

Click to open the door connected to each outdoor station.

### Operation

- Click “Unlock” button on the home screen, enter the unlock interface.
- Select the door you want to open and click to unlock it.



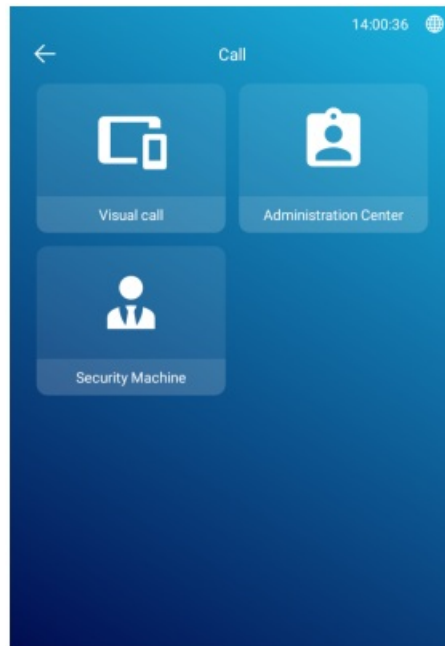
## Call

- **Description**

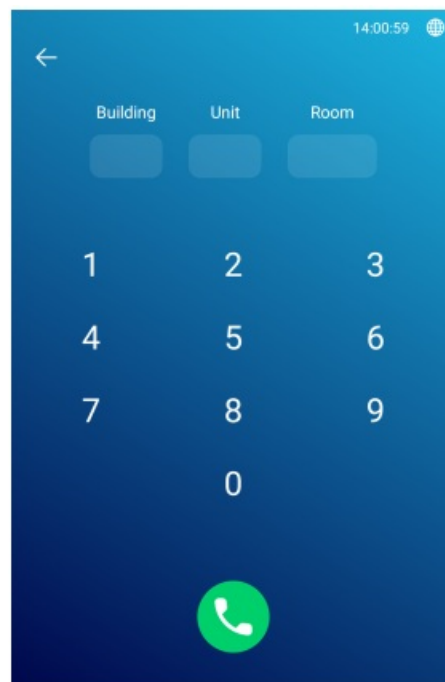
Click to call indoor monitor, administration center, and other master system (security machine).

- **Operation:**

Click “Call” button on the home screen, enter the call interface.



Click the “Visual Call” button, input the building, unit, and room number, and click the call button below to start calling the indoor monitor in this room.



Click the “Administration Center” button, start calling the management center.

Click the “Security Machine” button, start calling other master system (security machine).

## **Monitor**

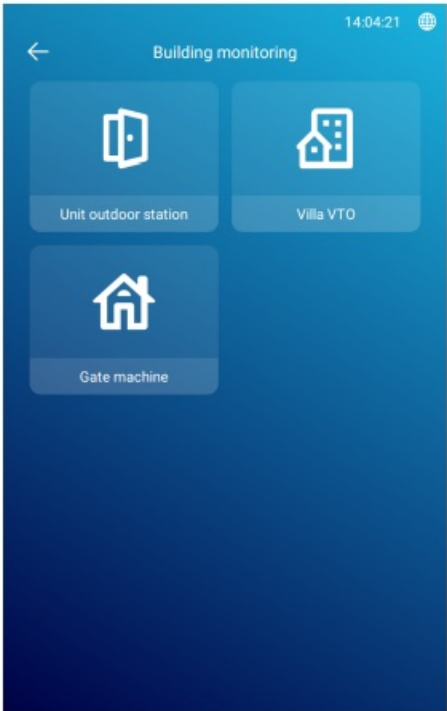
- **Description**

Click to monitor the view field of each unit outdoor station, villa VTO, and gate machine.

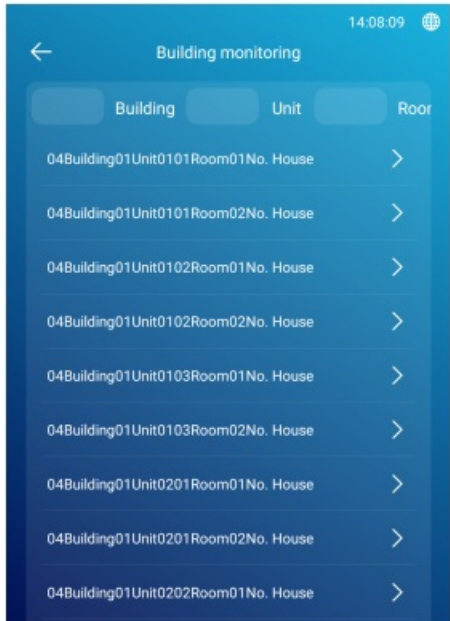
- **Operation:**

Click the “Monitor” button on the home screen, enter the building monitoring interface.

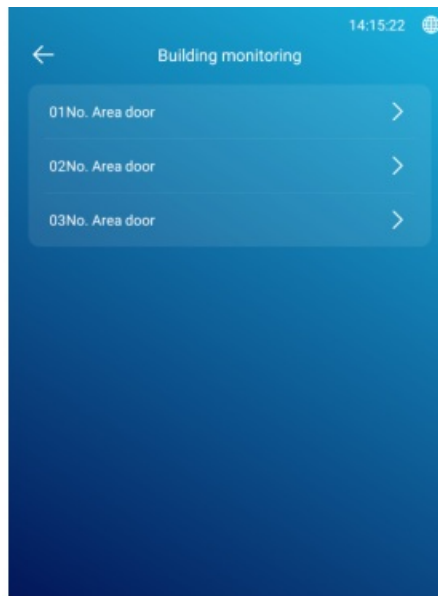
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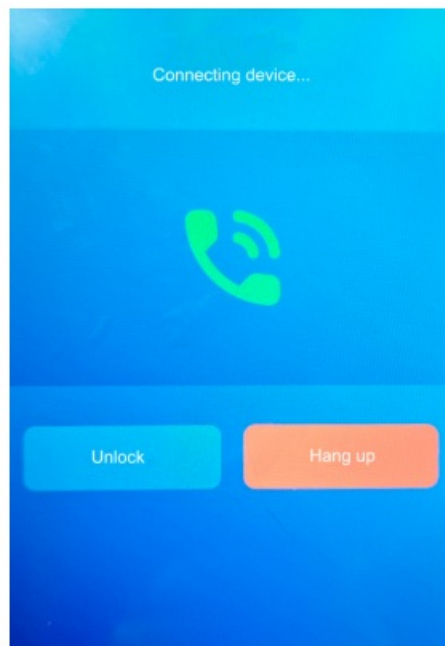
Click “Unit Outdoor Sta7on”, select the specific unit you want to monitor, and click to start monitoring.



- Click “Villa VTO”, select the specific villa you want to monitor, and click to start monitoring.



- Click “Gate Machine”, select the specific gate you want to monitor, and click to start monitoring.



- During monitoring, you can click the “Unlock” button to open the corresponding door.

## Record

### Description

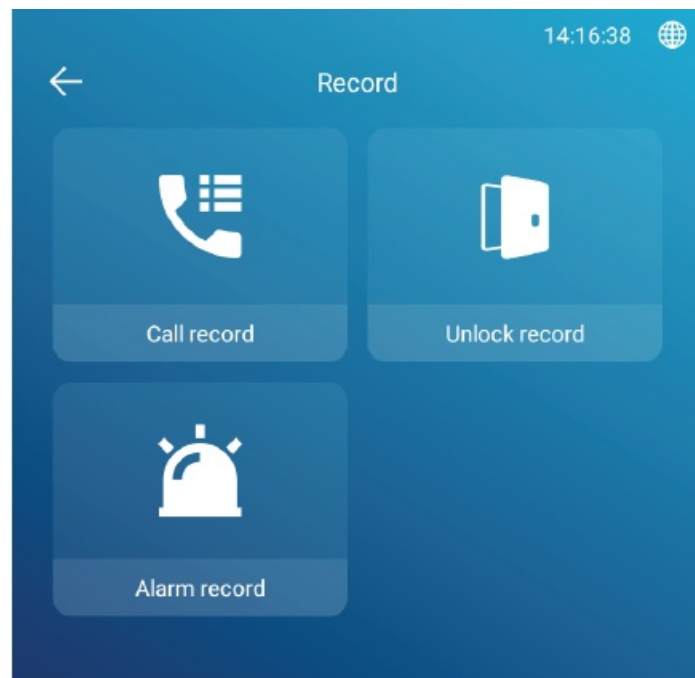
View this device’s call record, unlock record, and alarm record.

#### Operation:

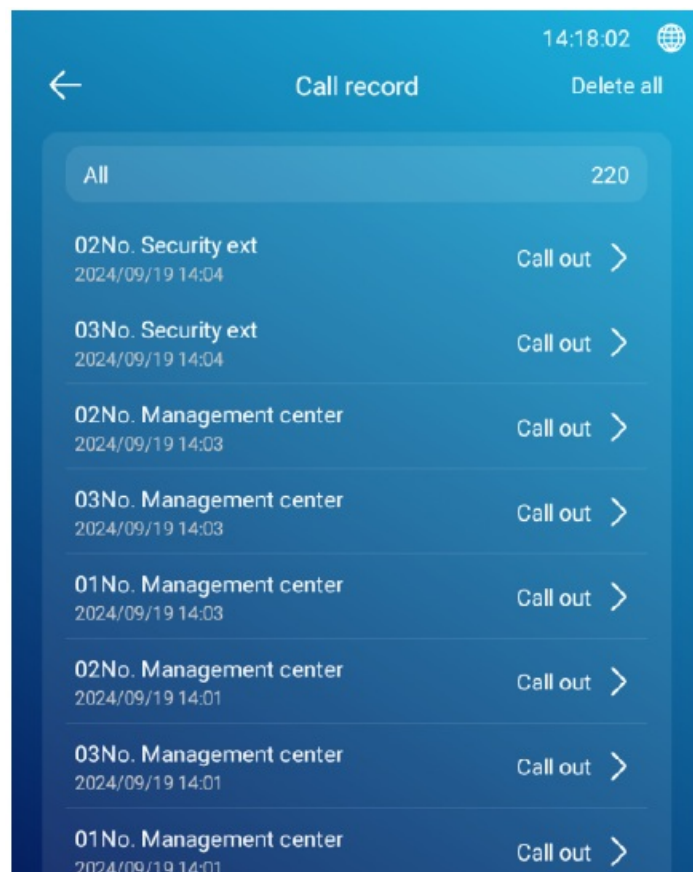
Click the “Record” button on the home screen, enter the record interface.

-

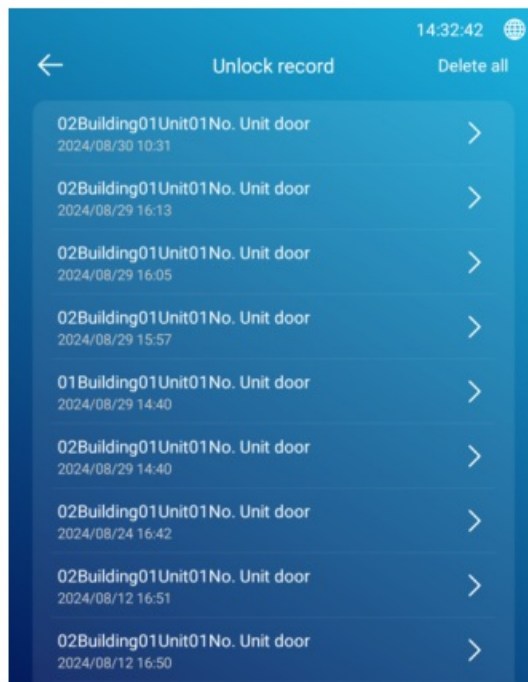




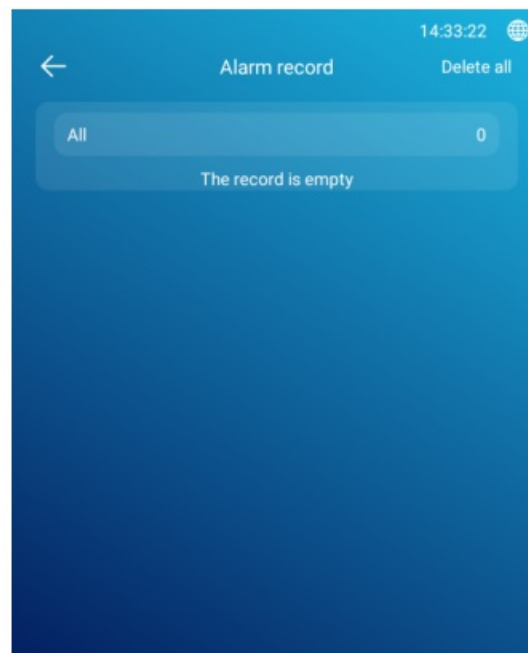
Click “Call Record” to view all call record of this device. You can click the “Delete all” button in the upper right corner to delete all call record.



- Click “Call Record” to view all call record of this device. You can click the “Delete all” button in the upper right corner to delete all call record.



- Click “Alarm Record” to view all alarm record of this device. You can click the “Delete all” button in the upper right corner to delete all alarm record.



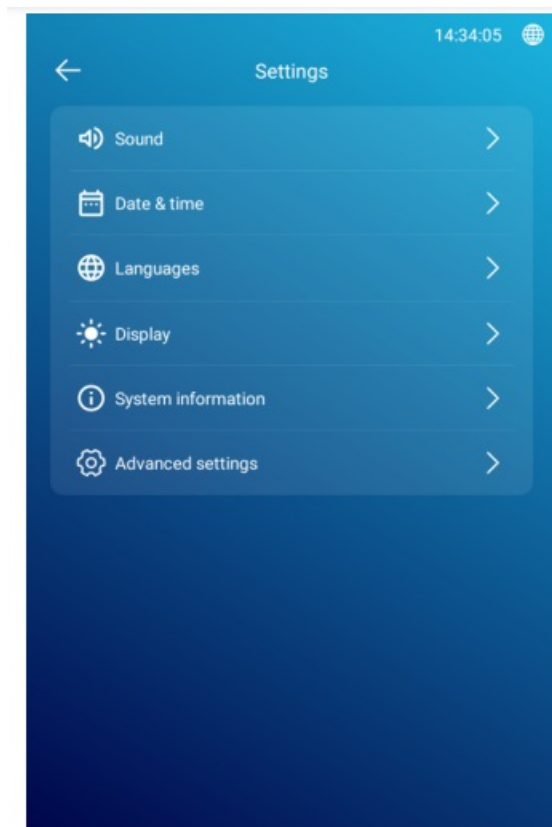
## Setting

- **Description**

Adjust the sound, date & time, languages, display, system information and advanced settings of this device.

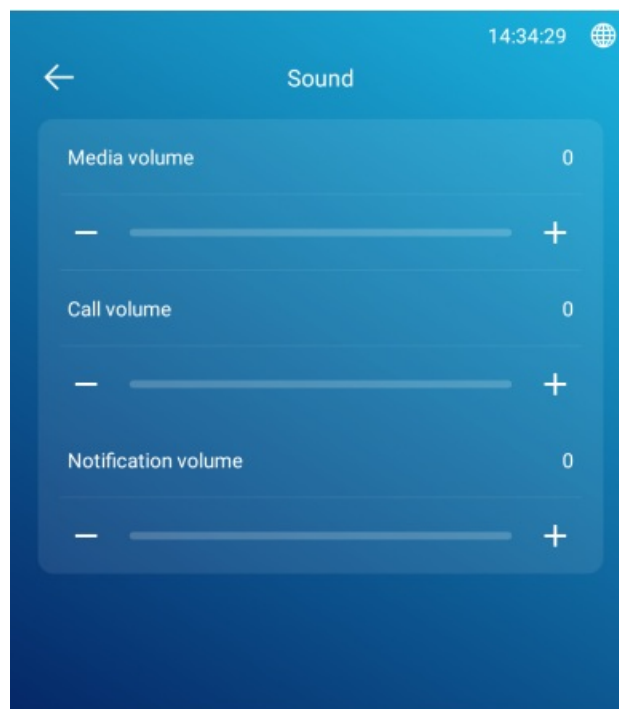
- **Operation**

Click the “Settings” button on the home screen, enter the settings interface.



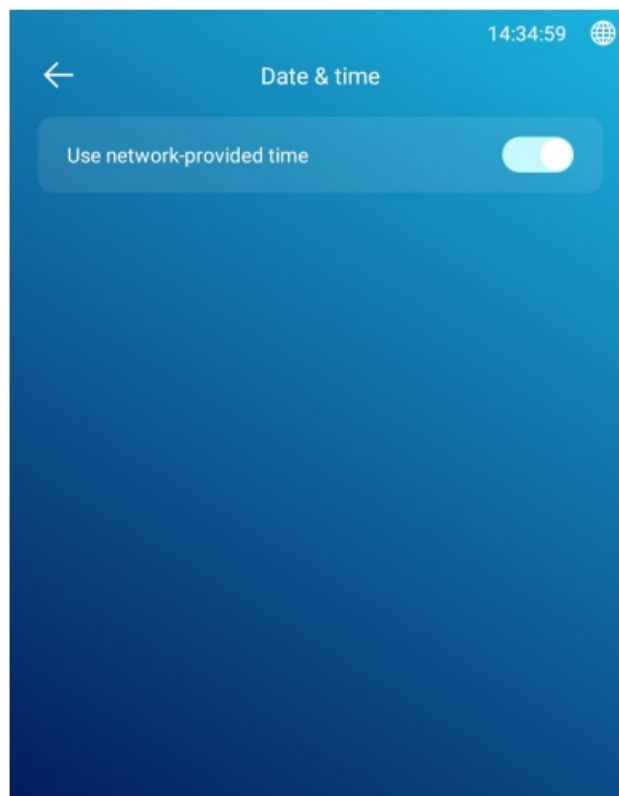
## Sound

Click “Sound” to enter the sound setting interface. You can adjust the media volume, call volume, and notification volume by clicking the “+” or “-” buttons.



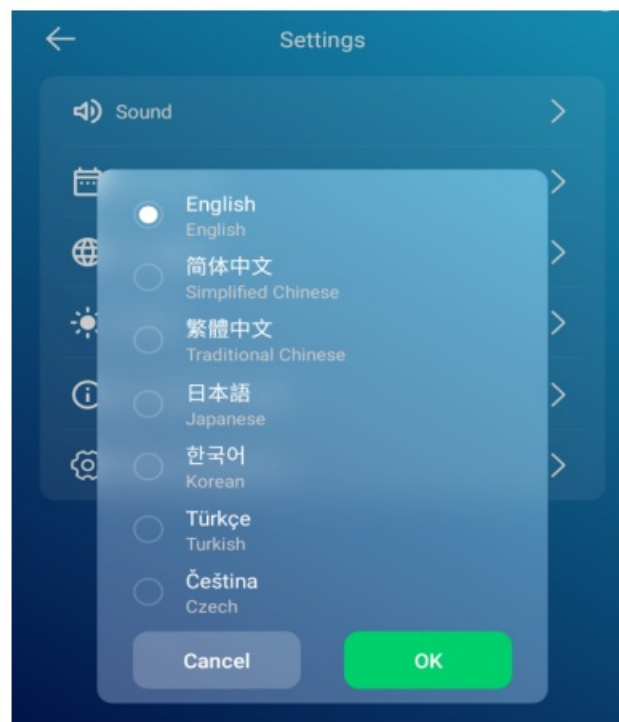
## Date & time

Click “Date & time” to enter the date & time setting interface. Click to start using network-provided time. When this device is connected to the Internet, the server date and time will be automatically synchronized.



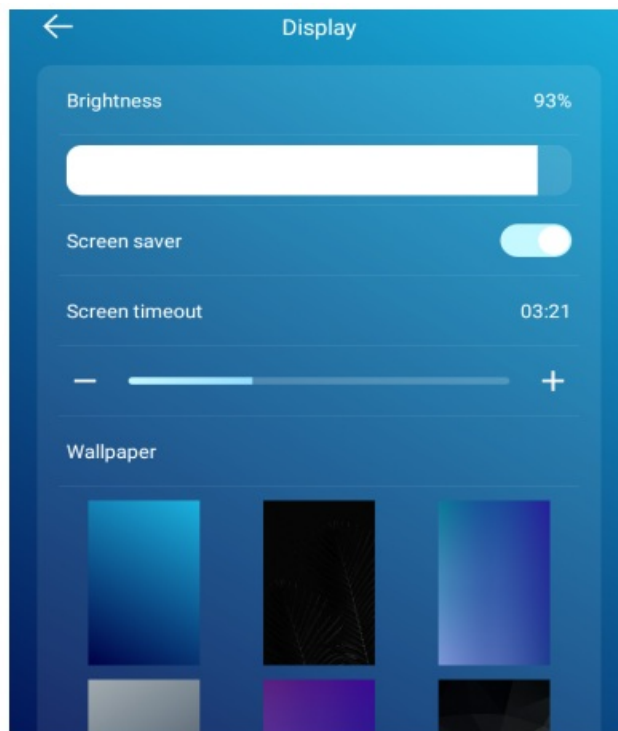
### Languages

Click “Languages” to enter the languages signing interface, where you can choose English, Simplified Chinese, Traditional Chinese, Japanese, Korean, Turkish, and Czech.



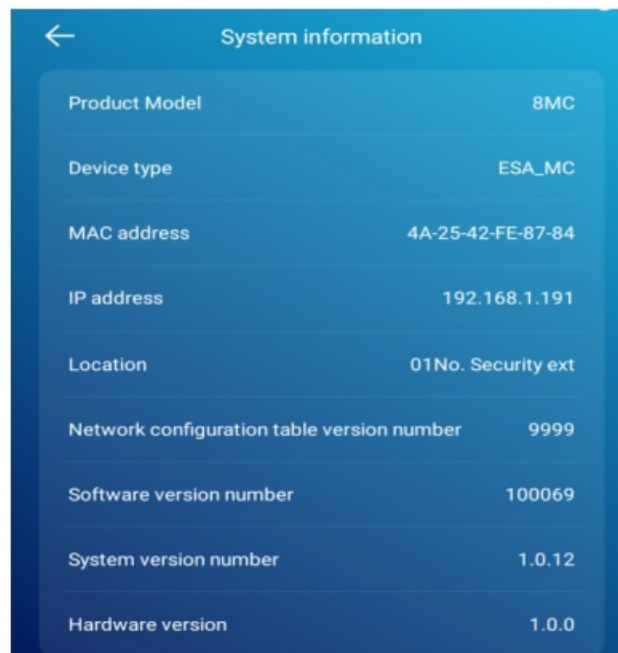
### Display

Click “Display” to enter the display settings interface, where you can adjust the brightness, turn on the screen saver, set the screen timeout, and select the wallpaper.



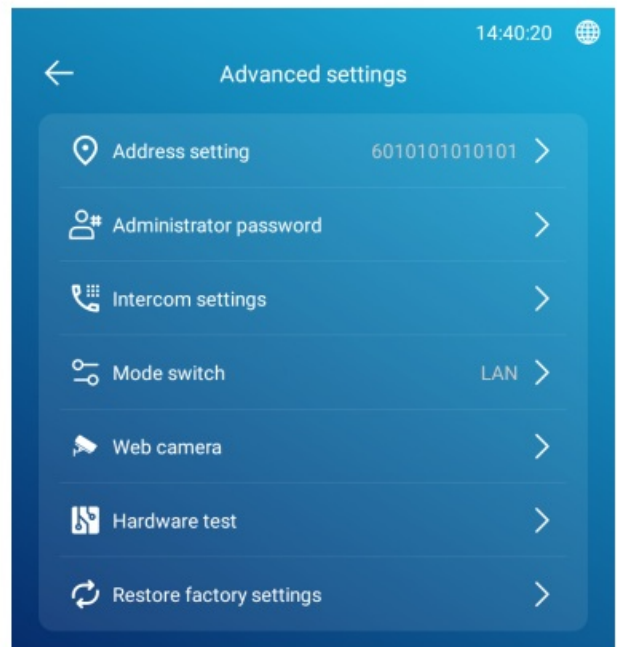
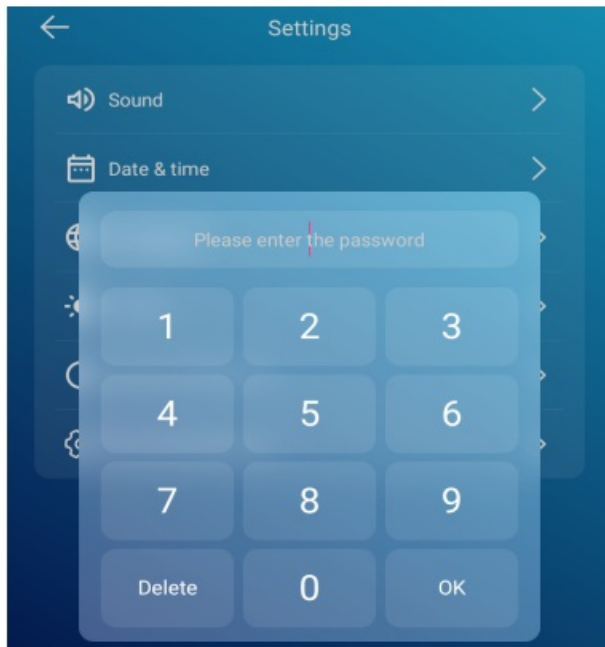
### System information

Click “System informa7on” to enter the system information interface, where you can view: Product model, Device type, MAC address, IP address, Loca7on, Network configura7on table version number, So\ware version number, System version number, and Hardware version.



### Advanced settings

Click “Advanced segns” and input the administrator password to enter the advanced setting interface, where you can set: Address setting, Administrator password, Intercom segns, Mode switch, Web camera, Hardware test, and Restore factory segns.



### 1. Address setting

Click "Address signing" to enter the address setting interface, where you can set the specific address of master sta7on (security extension), which consists of area number, building number, unit number, room number, and extension number.

14:41:48

←

Address setting

Area	Building	Unit	Room	Ext
01	01	01	0101	01

01Area01No. Security ext

01Area02No. Security ext

01Area03No. Security ext

1

2

3

4

5

6

7

8

9

Delete

0

OK

## 2. Administrator password

Click “Administrator password” to enter the administrator password setting interface, where you can change the administrator password. First input the current administrator password, then input the new administrator password, and then input the same new administrator password again to confirm the modification.



14:42:32



## Administrator password

Current password

Please enter the passwo

New password

Please enter the passwo

New password confirmation

Please enter the passwo

1

2

3

4

5

6

7

8

9

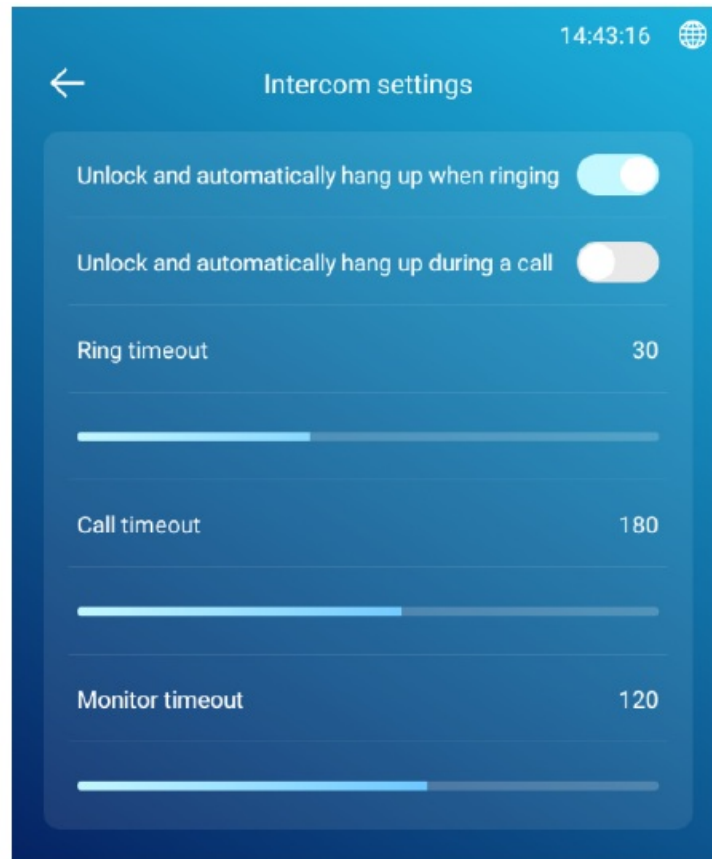
Delete

0

OK



Click “Administrator password” to enter the administrator password setting interface, where you can change the administrator password. First input the current administrator password, then input the new administrator password, and then input the same new administrator password again to confirm the modification.



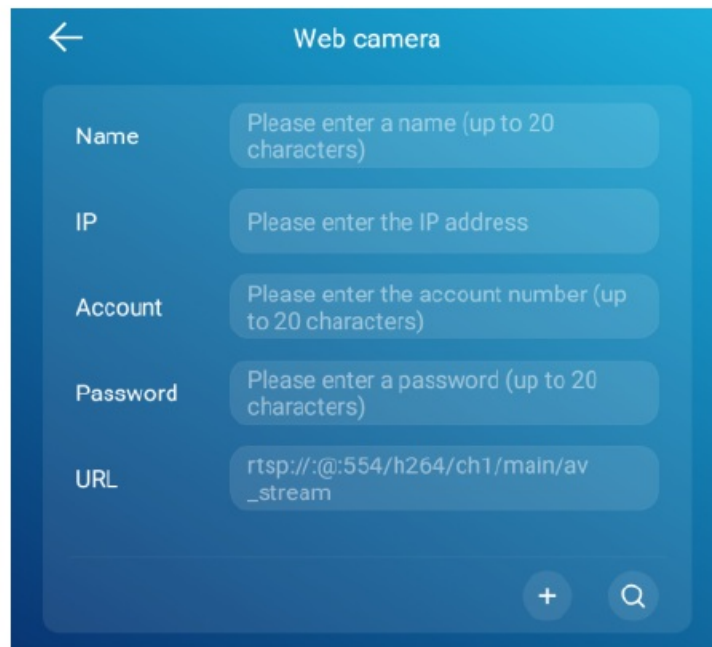
#### 4. Mode switch

Click “Mode switch” to enter the mode switch interface, where you can switch between LAN and WAN, turn on DHCP, and change 2-digit room number to 3-digit.



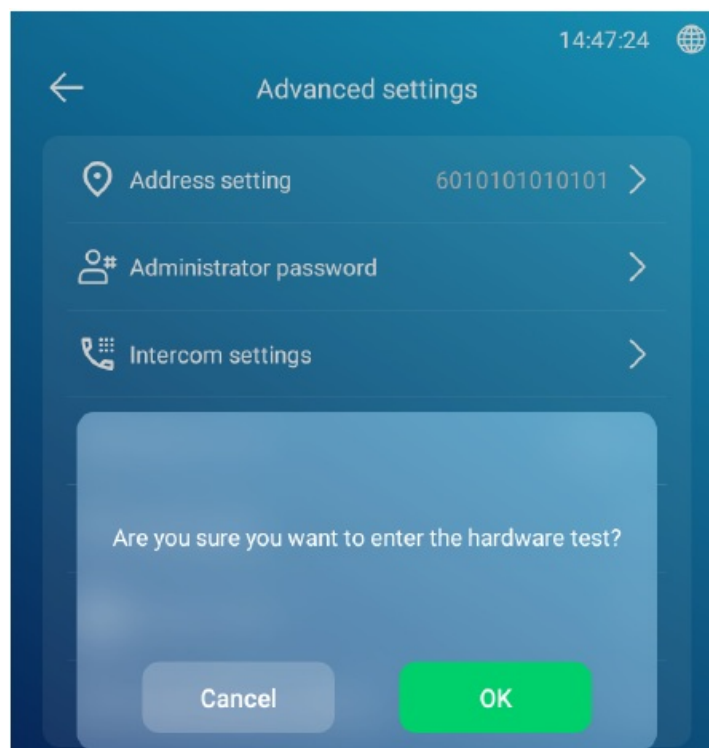
#### 5. Web camera

Click “Web camera” to enter the web camera settings interface. By inputting the web camera's Name, IP, Account, Password, and URL, you can search and add a new web camera.

A screenshot of a 'Web camera' configuration screen. It features a blue header with a back arrow and the title 'Web camera'. Below the header, there are five input fields: 'Name' with a placeholder 'Please enter a name (up to 20 characters)', 'IP' with 'Please enter the IP address', 'Account' with 'Please enter the account number (up to 20 characters)', 'Password' with 'Please enter a password (up to 20 characters)', and 'URL' with the text 'rtsp://:@:554/h264/ch1/main/av\_stream'. At the bottom right, there are two circular buttons: a plus sign (+) and a magnifying glass (Q).

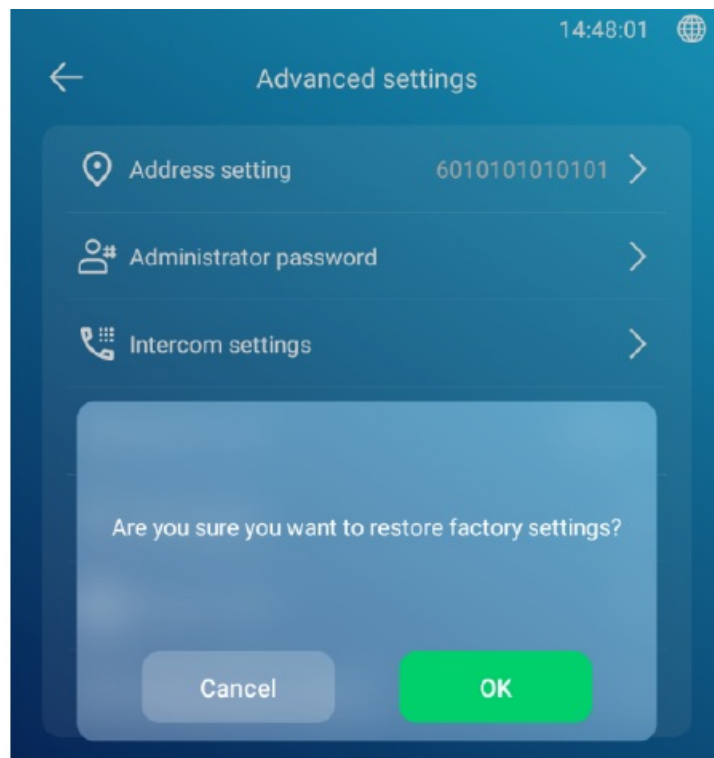
## 6. Hardware test

Click “Hardware test” and a pop-up window will ask “Are you sure you want to enter the hardware test?”, click “OK” to enter the hardware test interface, where you can test: camera, speaker, microphone, screen, network, handle, restart the system, enter test mode, aging mode.

A screenshot of an 'Advanced settings' screen. The header is blue with a back arrow, the title 'Advanced settings', and a clock showing '14:47:24' next to a globe icon. The settings list includes 'Address setting' with the value '6010101010101' and a right arrow, 'Administrator password' with a right arrow, and 'Intercom settings' with a right arrow. A light blue dialog box is overlaid on the screen, containing the text 'Are you sure you want to enter the hardware test?' and two buttons: 'Cancel' and 'OK'.

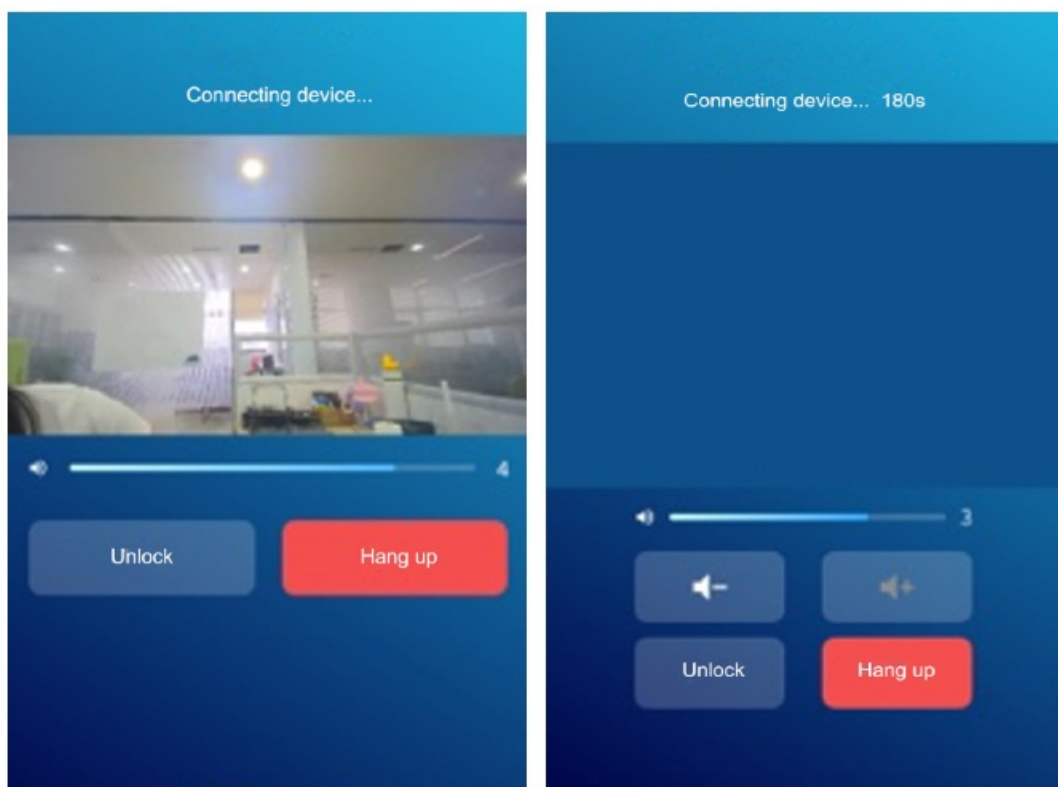
## 7. Restore factory settings

Click “Restore factory settings” and a pop-up window will ask “Are you sure you want to restore factory settings?”, click “OK” to clear all data and restore the default parameter values.

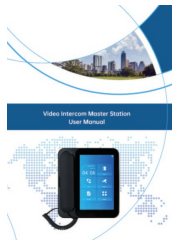


## Answer the Call

The master station can answer calls from the outdoor station and indoor monitor, and open the corresponding door by clicking the “Unlock” button during the call.



## Documents / Resources



[Trudian Master Station Video Intercom](#) [pdf] User Manual  
Master Station Video Intercom, Station Video Intercom, Video Intercom, Intercom

## References

- [User Manual](#)

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