# 料号：YR-00401-0061 （更新于2023-10-13）

tuya

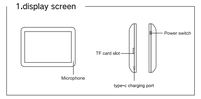
Touch screen HD wireless video door phone

**User manual**

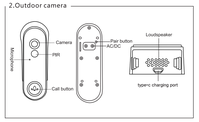
This manual is applicable to models TL-AH708 and TL-AH801

## 1. Product description

1.display screen




2.Outdoor camera






## 2. Tuya App download

1. Download: Search Tuya app in smartphone app store to download and install the Tuya app.

2. Register: After selecting location then use email address or phone number to register, Users also can log in with a third-party social media account.

* If can not search the Tuya app in app store, please use browser to scan the below QR code to download the app.



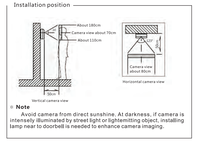
## 3. Installation preparation

Check packing contents

As shown in the diagram above, connect one end of cable to the indoor monitor for long power supply, the other end can charge the camera battery.

## 4. Outdoor camera installation

Installation position

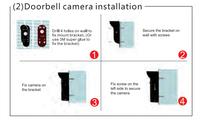



**Note**

Avoid camera from direct sunshine. At darkness, if camera is intensely illuminated by street light or lightemitting object, installing lamp near to doorbell is needed to enhance camera imaging.



(2)Doorbell camera installation

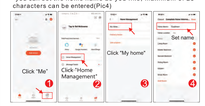



Warm reminder: After installing the doorbell, please use the side screw to fix the doorbell battery as show in Pic4 to avoid poor battery power connection.

## 5. Home management and device sharing

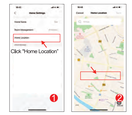
1.Home management

New user register and log in(Pic1), click"Me, select"Home Management"(Pic2), click"My Home"(Pic3), "Home Name "you can set the home name as you like, maximum of 25 characters can be entered(Pic4)






"Location"will be set according to your mobile phone location, or you can set as per your real location(Pic1), then click"OK"to confirm(Pic2).




You can use default room name, also can click "Room Management"to set name for the rooms , maximum of 25 characters can be entered(Pic3), After completing Home Management setting then back to the home page, Home page showing"Weather, temperature, home name, etc",.

2.Add family members

Go to Home Management page, select the created home, click "Add Member"(Pic1), select"Tuya app account"(Pic2), input the member' s account which you want to add, The invited member' s Tuay app will get a invitation message, you can check in the "Message Center"(Pic5), then open App, Click "Me"and go to "Home Management", then click"wait to join"and click "Accept"to join(Pic4), will show the jointed home in the "Home Management"page, And administrator's Home Setting page showing the added member' s Tuya account(Pic6),

## 6、Product operation instruction

Please scan QR code to watch product operation instruction

Pair the touch screen with Tuya app

1.Power supply the indoor screen monitor , it will turn on automatically .
2.Select "Display"-"WLAN" , go to WIFI setting interface.
3.Open "WLAN" , click "add network" go to WIFI searching interface.
4.Select your home used 2.4G/5G WIFI , and input the password, then press "Connect".
5.After setting successfully back to WIFI setting interface, it will obtain the IP address.
6.Open Tuya app , click "+" on top right corner, then click "Scan"
7.Scan the QR code on the top left corner of the screen monitor to add the device
8.Press "Done" on app, adding device completed.

1.Press the QR code on the top left corner of the screen

2. Use Tuya app to scan the QR code



Working principle

## 7、Function introduction

1.App main page introduction

2.Notification setting

Me-- top right corner | click APP Notification | Enable notifications

Visitor call (doorbell)

If visitor make call from outdoor camera, smart phone Tuya app will receive call notification, you can answer the call, and the video will be stored in TF card. If not answer the call it will automatically end after 30 seconds. During intercom press lock button can open the lock( need unlock module wiring with lock ). Intercom will end automatically after 90 seconds and doorbell back to standby status

Real time monitoring

If you want to know the outdoor situation you can open app to active the monitoring function to see the video of the outdoor. During monitoring you can operate to take photo, record video, full screen viewing, set video image quality, talk to outdoor unit, open lock, etc.



Storage function

Install TF card on indoor screen can store all the video data, like motion detection video, calling video, monitoring video, and you can see all the videos through Playback or on message center on indoor screen. Also can view the videos through Playback on App and download the videos you need. You can check TF card capacity under menu of "Display-TF card" on indoor screen.

Share device

You can add friends and relatives in Home Management.After successfully adding, all members can use the device.

Other operations

"Camera-Setting-Tone settings" can mute the microphone for motion detection function .

"Camera-setting-Power management setting" LED button is opened in default mode, and the LED light will bright when active motion detection, monitor, call function, if close it the LED light only bright when visitor make a call.

One way two way communication setting | Gateway sound setting



Motion detection

When the outdoor camera detect motion detection, will send message to smartphone Tuya app and record the video. You can review the videos in Playback menu. You can set the PIR motion detection sensitivity.

1.Go to monitoring + app | 2.Select PIR motion detection sensitivity | 3. Screen showing human icon after setting

## 8、Basic ICONS and related Settings on screen monitor

1.Main interface function diagram

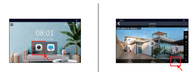
System desktop | Doorbell camera list



1.Add WLAN

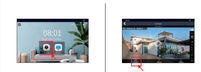
1.Press "Display" then select "WLAN" | 2.Press "Camera" enter to camera interface | 3. Select the WIFI your phone used, then input WIFI password, and press "connect" | 4.Connect successfully

2.Motion detection setting



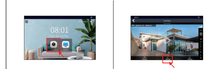
1.Press "Camera" enter to Camera interface | 2.Press "Setting" | 3.Select "Motion detection settings" | 4. Select low, middle, high sensitivity

3.Playback



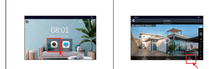
1.Press "Camera" enter to Camera interface | 2.Press "Playback" enter to playback interface | 3.Drag the timeline to view the video | 4.Choose time to view the video

4.Message



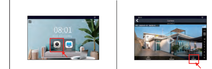
1.Press "Camera" enter to Camera interface | 2.Press "Message" enter to message interface | 3.Flip to check the videos | 4.Press "Unlock record"can check the unlock records

5.Monitoring duration setting

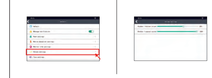


1.Press "Camera" enter to Camera interface | 2.Press "Settings" enter to setting interface | 3.Select "Monitor time setting" | 4.Set monitoring duration as per your need

6.(1)Outdoor camera volume setting



1.Press "Camera" enter to Camera interface | 2.Press "Settings" enter to setting interface | 3.Press "Volume settings" | 4.Set intercom volume and ring tone volume as per your need



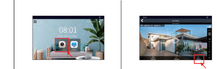


(2)Indoor screen volume setting

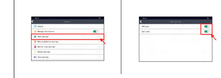
1.Press "Volume" in system setting interface

2.Set talk volume as per need

7.Notification setting

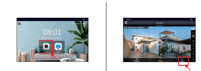


1.Press "Camera" enter to Camera interface | 2.Press" Settings"go to setting interface | 3.Press "Push settings" | 4.Turn on or close the PIR or CALL notification as per need





8.Tone setting



1.Press "Camera" enter to Camera interface | 2.Press" Settings"go to setting interface | 3.Press "Tone settings" | 4.Turn on or close the motion detection and calling tone as per need

9.Indoor screen ring tone setting

1.Press"Display" go to display setting interface | 2.Press "Ring" enter to ring tone setting interface | 3. Set calling and PIR' s ringtone volume and ring duration | 4.Select the ring tone as per need

10.Intercom between indoor screen and outdoor camera

Press "camera"on screen enter to camera interface, then press the PLAY icon, you can see live video of outdoor. Press the ANSWER icon to active the microphone then can talk to doorbell camera .

If visitor make call from outdoor camera indoor screen will ring and show live video. The top screen will show microphone icon after answer the call, and you can talk to the visitor.



## 9、AC/DC wiring instructions

1. Put the wiring board into the corresponding AC/DC hole on the back of the video doorbell, and then fix the screws.

2. Use the matching push-type quick-connect terminal, keep one end pressed down, insert the wires of the terminal block individually and release.

3. The other end also remains pressed down to connect to the external power supply, regardless of positive and negative pole, just connect to the terminalthen release. Please note that the external power supply:AC: 8-24V, DC: 8-36V.

Connect the holes to the corresponding wires and fix the screws | Press and hold one end of the terminal block and connect the wires to the ports | Press and hold the other end of the terminal block and connect the wires to the ports

## 10、Lock wiring diagram (Optional)

In intercom or monitoring status press unlock button can open lock for visitor.

Caution:

The unlock module already paired with the device in factory, no need to pair again. If prompt failure, please contact customer service and refer the below operation:

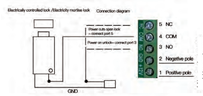
1.Please wire the lock with the Unlock module as per the diagram, then connect to electricity power supply.

2.Long press the pair button on unlock module for around 5 seconds till the red light blinks 3.Indoor display in monitoring status, press the unlock button to open lock, the lock is unlocked and the unlock module will sound "di" , prompt pairing successfully.

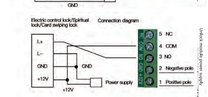
After pairing successfully, you can set the unlock time, default unlock time is 1 second. Press one time the button on the unlock module, , red indicator light slowly twinkle three times, set unlock time 3 seconds. Press two time the button on the unlock module, red indicator light slowly twinkle five times, set unlock time 5 seconds. Press the button one time again, indicator light slowly twinkle eight times, set unlock time 8 seconds.



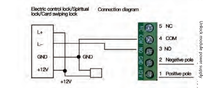
Electrically controlled lock /Electricity mortise lock — Connection diagram




Electric control lock/Spiritual lock/Card swiping lock — Connection diagram




Electric control lock/Spiritual lock/Card swiping lock — Connection diagram






## 11、Precaution

1. Do not place the visual intercom system near places with strong magnetic fields;
2. Do not directly spray water or other liquids onto the visual intercom system;
3. Do not hit the display screen or doorbell heavily;
4. Do not place the system in dust or place under strong reflected light;
5. Do not install a visual intercom near ammonia and toxic gases;
6. There is high voltage current inside the system. Do not disassemble this device casually;
7. Do not use cleaning agents or other chemical solvents to wipe the doorbell and display screen;
8. The display screen is recommended to be placed at a height of more than 1.4meters for better viewing effect;
9. If the machine fails, do not disassemble it by yourself. Instead, send it to a local maintenance point for maintenance or contact our company directly.After sales service contact:

Warm tips: Stand up the antenna during use, it will reach longest range.



## 12、Trouble shooting

1.No notification to phone app after making a call
(a) check whether the indoor screen paired with the outdoor camera and whether paired with the app.
(b). Check whether notification permission to APP is allowed on mobile phone setting.
(c). Check whether opened the notification in APP setting.

2.Smart phone no sound in intercom mode
(a). check whether mobile allows APP to access microphone and record audio
(b). Check whether the microphone of the doorbell camera is blocked up

3.App showing gateway off line
(a). Please check whether smartphone connect WIFI or 4G or 5G net.
(b). Check indoor screen whether connect WIFI or please restart the screen machine.

4.Indoor screen no response or no ringtone after making a call
(a).Check "Display-Camera"if indoor screen paired with outdoor camera.
(b).Check "Display-Ring"if turned of the ringtone
(c).Check if the signal between indoor screen and outdoor camera is interfered or exceeded the applicable distance.
(d).Check if the call tone is turned off in " Camera -Tone setting"
(e).Check if Turned on the "Mute switch" on screen monitor

5.No voice in indoor display during communication
(a). Check if indoor display microphone is blocked up
(b). Check if outdoor camera microphone is blocked up
(c). Check if volume is turned off in volume setting



6. touch screen pair with outdoor camera

Caution: the outdoor camera and indoor screen was paired in factory, no need to pair again, if prompt failure or cannot please contact your after sales service before doing below operation:

Please scan the QRcode to view the product pairing instruction

1. Power on both indoor display and outdoor camera.
2. Reset the display to factory setting.
3.Press "Display-Camera-Add device" on display .
4.Fast press three times the Pair hole button on outdoor camera
5.Both devices sound "Duan" to prompt pairing succeed.

Attention:
1.One screen only can pair with only one app account, but the master user can create a home and invite members to to home and share to use the device .
2.If need to reset the indoor screen , press"Display"-"About"go to "Device information"then press "Reset factory setting". After resetting factory setting the product will lost connection, have to pair again.



7. No notification on smart phone
(a)Please turn on all the notification permission

1. Application permissions | 2.Huawei notification setting | 3.IOS notification setting

## 13. Technical parameters

Indoor screen

| | |
|---|---|
| Battery charging voltage | DC5V |
| Battery capacity | 3000mAh/2000mAh |
| Display size | 8 inch / 7 inch |
| Working current | 500mA |
| Full duplex intercom | Yes |
| Automatic video recording | Yes |
| Video playback | Yes |
| Screen resolution | 1280*800/1024*600 |
| Working temperature | -20℃ ~ 60℃ |
| Size | 20.1*12.5*1.6cm |



Outdoor camera

| | |
|---|---|
| Battery charging voltage | DC 5V |
| External power supply | DC 8-36V AC 8-24V |
| Power consumption | Standby: 285uA Working: 240mA |
| Battery capacity | 5000mAh |
| Pixel | 1080P |
| Camera angle | 160° |
| Night vision light | 850nm infrared light |
| Full duplex intercom | Yes |
| PIR motion detection | Yes |
| 433Mhz wireless unlock | Yes |
| Working temperature | -20℃ ~ 60℃ |
| Size | 14.4*5.1*3.5 cm |

This manual is only for the product use instruction, all interpretation rights are reserved by the factory. Fatory continues to optimize the product and adjust the technical parameters accordingly without prior notice. If you have any questions, please contact customer service.



FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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Smart Home Starts from"Acebell"

-Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement:

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

IC Warning Statement

English: This device complies with Industry Canada license - exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES - 3 (B)/NMB - 3(B).

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1)l'appareil ne doit pas produire de brouillage, et (2)l'utilisateur de l'appareil doit accepter tout brouillage radioélectriquequi, mêmesi le brouillage est susceptible de compromettre le fonctionnement du dispositif.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement:

This device complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radateur et votre corps.

CE Warning

EN: The device for operation in the band 5150~5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

DE: For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5875 MHz shall ensure that the EIRP is not more than that permitted for point-to-point and non-point-to-point operation, as appropriate, and

Attention:

FR: Les appareils fonctionnant dans la bande de 5150 à 5250MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant des mêmes canaux.

DE: Für Geräte mit abnehmbaren Antennen darf der maximal zulässige Antennengewinn für Geräte im Bereich von 5725 bis 5875 MHz nur die Leistung e.i.r.p. spezifiziert pour l'exploitation point à point et non-point-à-point, selon le cas.