

UMOVAL

WiFi 2.4GHz
Solar Security PTZ Cameras
User's Manual



Thanks for purchasing UMOVAL Solar Security PTZ Cameras! Please read the instructions carefully before using the device and keep it for later reference.

Features	2.4GHz Wi-Fi	5GHz Wi-Fi	Applications	Color
Model No.				
UM-Q6-WiFi-BK	Support	Not Support	Outdoor	Black
UM-Q6-WiFi-WH	Support	Not Support	Outdoor	White

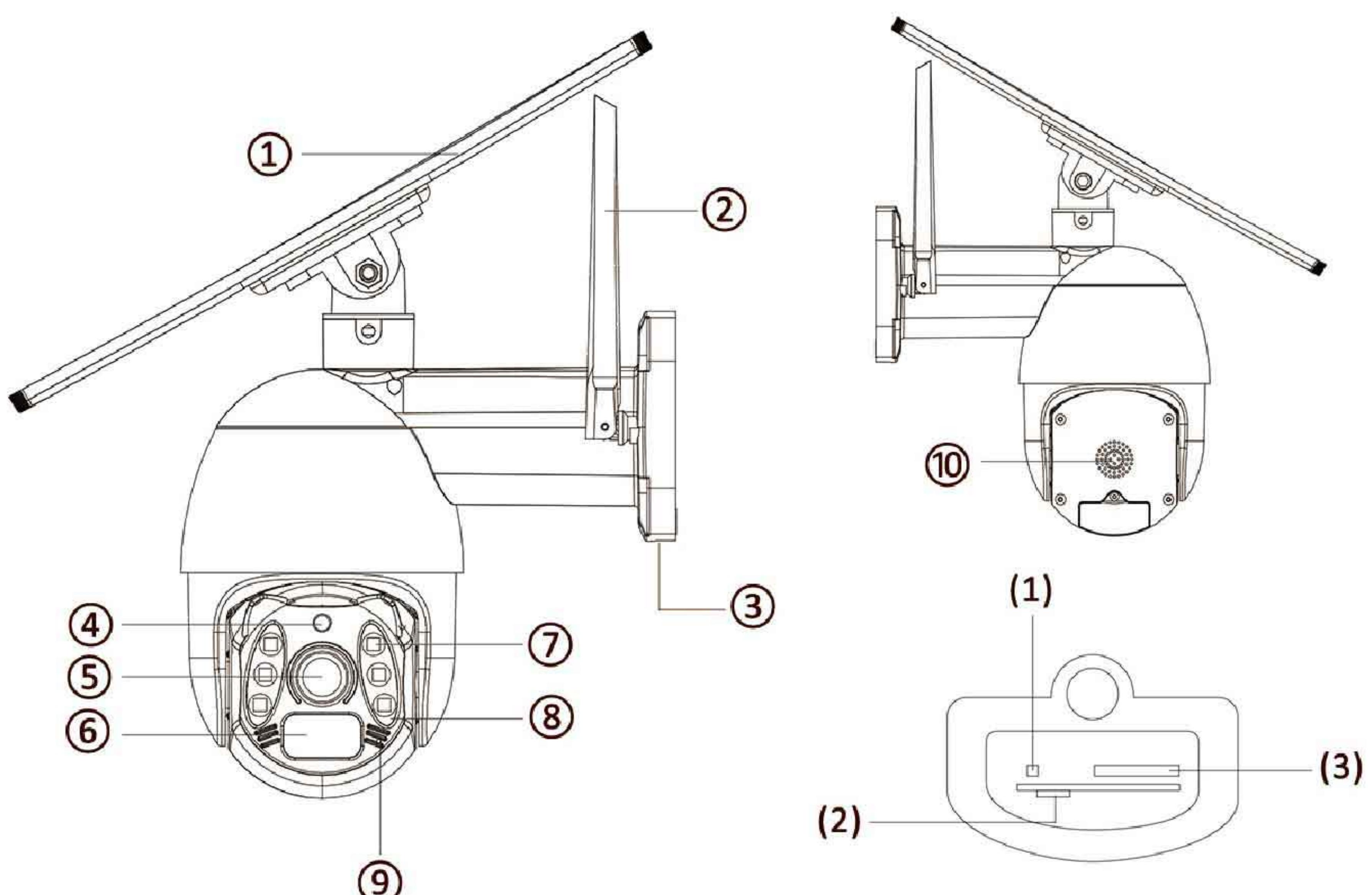
Please Note: Only Wi-Fi 2.4GHz is supported, but 5GHz WiFi is not supported. Please make sure your router type before connecting the device.

1. What's included in the Package Box?

Please open the package box and check the item & parts one by one as below:

- 1 x UMOVAL Wireless WiFi Solar Powered PTZ Camera.
- 1 x 10W Solar Panel with Extended 10 feet/3 meter Type-C Cable.
- 1 x USB Type-C Charging Cable (5V Adapter is not included).
- 1 x Solar Panel Bracket (Fixed on the Top of Camera).
- 1 x Solar Panel Bracket (Fixed on Other Areas' Surface).
- 2 x Packages of Screws & Plastic Stoppers.
- 1 x Screwdriver Tool for DIY Installation.
- 1 x Bracket Mounting Sticker for Solar Camera.

2. Structure Diagram



① Solar Panel 10W	⑥ PIR Motion Detector	(1) ON/OFF & Reset Button
② Antenna	⑦ Infrared & Starlight LED	(2) USB Type-C Socket
③ Type-C Socket	⑧ Indicator Light	(3) Micro SD Card Slot
④ Photo Resistance Parts	⑨ Microphone	
⑤ CMOS Lens	⑩ Speaker	

3. How to Download Tuya Smart APP?

Method 1: Search the keyword “Tuya Smart” in Apple Store or Android APP Store to download APP.

Method 2: Or scan the QR code to download APP named Tuya Smart.



4. How to Add Your Device on APP?

4.1 Register a New Account on Smart Tuya APP

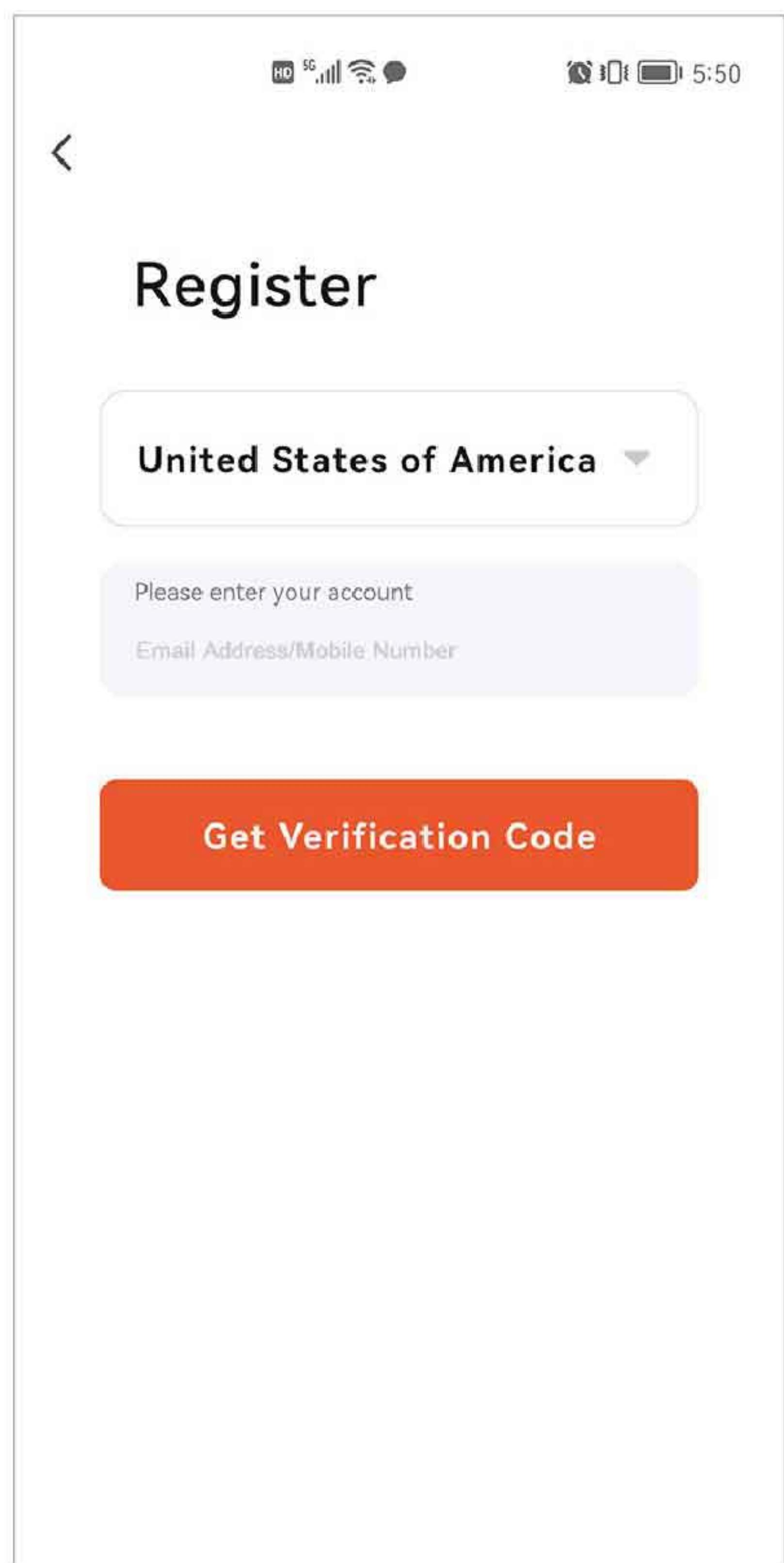
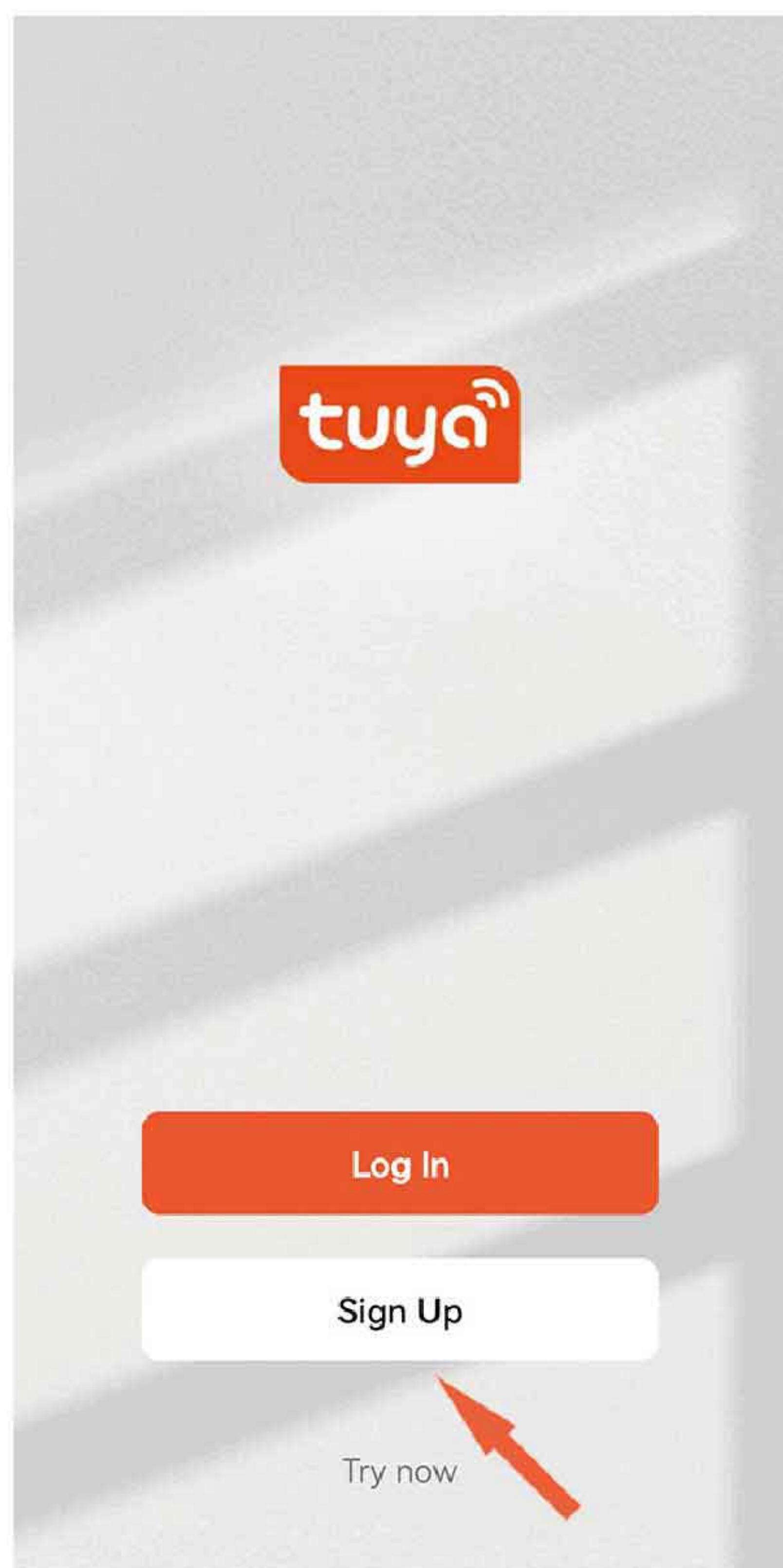
If it is the first time for you to use Tuya Smart APP, you need to register a new account by your email address or mobile phone number.

Step 1: Click "Sign Up" to register a new account. Choose local country or region to proceed.

Step 2: Enter Verification Code and set up the password. Click the button of Done to finish.

Step 3: And then click the red button “Log In” to go ahead.

Note: Only mobile phone number registration is supported in some regions. Otherwise please use email address to register in your region.



4.2 Add Your Camera on Tuya Smart APP

Important Note: There are built-in rechargeable Lithium Polymer battery packs in the device. Please charge it by Type-C cable connecting with your current DC 5V 2A USB adapter in around 10 hours for the first time when you are going to set up the camera.

4.2.1 Charge the Device Fully & Switch ON

Step 1: Use screwdriver tool to unscrew the screw on the bottom of camera.



Step 2: Push the plastic cover towards the microphone side by fingers to pick it up.



Step 3: Insert Type-C cable into the device and connect with DC 5V 2A USB adapter to charge it in around 10 hours. (Please Note: No DC 5V USB adapter supplied and please use your current mobile phone's adapter to connect with supplied Type-C charging cable)



Step 4: Press the ON/OFF and Reset Button to Switch ON the device.

(1) Press the Button for 4 seconds to switch on the device.

(2) Press the Button for 5 seconds to reset the device.

(3) Press the Button for 10 seconds to turn off the device. It is turned off successfully when you have heard “beep, beep, beep” sounds three times.



Step 5: Please insert Micro SD card into the slot for local video recording storage if you prefer.

Step 6: And then place the waterproof rubber band correctly, recover and screw it tightly after being charged fully in around 10 hours.

Note: The rubber band is important for weatherproof. Please don't throw it away or position it incorrectly.



4.2.2 Scan QR Code to Add Device

Step 1: Click the Button to Add Device.

Step 2: Click the Button to Scan QR Code.

Step 3: Scan QR Code on the bracket side of camera.



Step 4: Click the Button of Add to proceed.

Step 5: Click the Button of Next to proceed if the device isn't required to reset.

Step 6: Enter WiFi Account and exact Password, and then click the button of Next to proceed.

Step 7: Scan QR code on the APP interface by the camera lens toward it. (Please keep QR code and camera lens in a straight line at a distance of 15-20cm/6-8 inch).

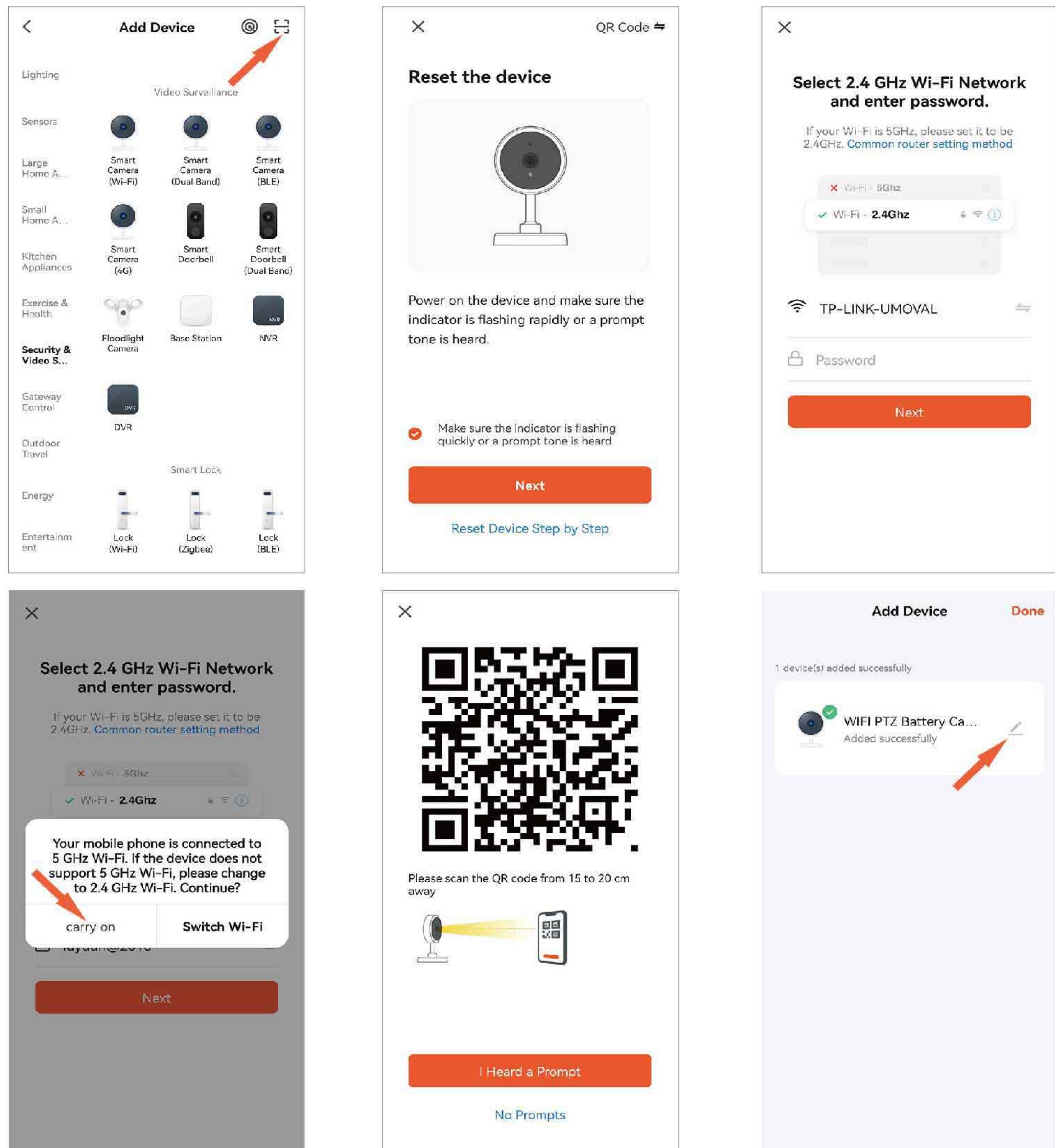
Step 8: Click the button "I Heard a Prompt" after you hearing the voice of beep.

Step 9: Then please wait for Adding device, and the adding process will take around 1 or 2 minutes. Please wait patiently.

Step 10: Added successfully and then please click the symbol of Edit to rename the camera. Finally, click the button of Done to finish.

Congratulation! It is ready for you to use the device for video surveillance.

Note: Please make sure whether your WiFi router support 2.4GHz or not before adding device. If your WiFi router supports both 2.4GHz and 5GHz, that's OK and please go ahead to add the device peace of mind.



4.2.3 About the Status of Indicator Light

- (1) Red Indicator Light is flashing: The device is waiting for connection.
- (2) Red Indicator Light is ON and not flashing: Incorrect Status.
- (3) Red Indicator Light is flashing quickly: The device is connecting network.
- (4) Blue Indicator Light is ON: The device has been connected successfully.



5. How to Control the Camera by APP Interface?

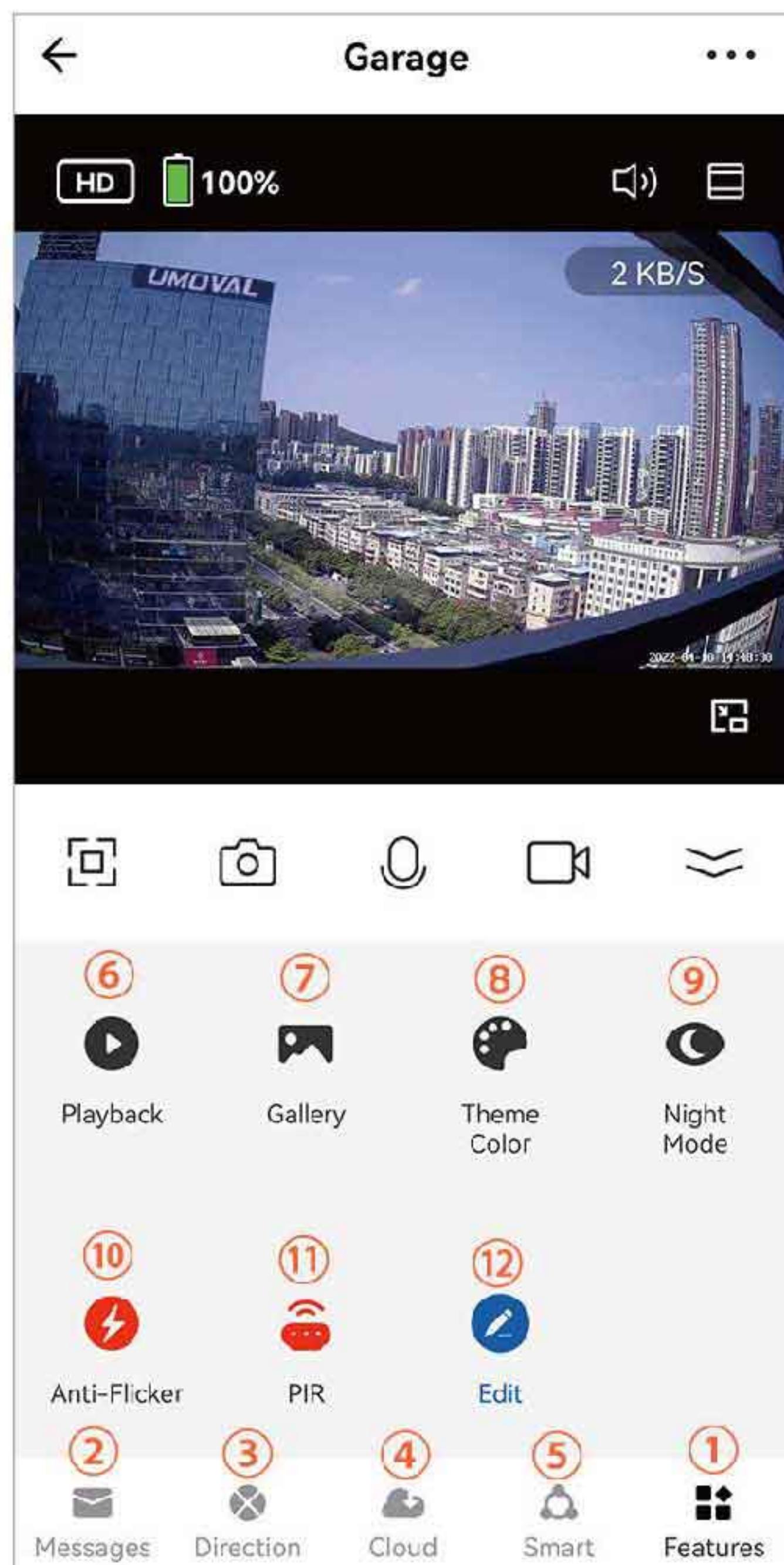
5.1 Live Preview Interface & Diagram



Preview Interface & Diagram

- A: Settings Menu – Click the button for more Settings.
- B: HD/SD- HD is clearer than SD.
- C: Battery Capacity- Display the current battery percentage or charging status.
- D: Full Screen- Click the button for full screen.
- E: Screenshot- Images will be saved to gallery.
- F: Hold to Talk- One-way or two-way audio to visitors on site.
- G: Record Video- Manually recorded video will be saved to gallery.
- H: Pop-up Menu- More features menu will be popped up.
- I: Floating Screen- Click the button for floating screen display.
- J: Sound- Click the button to turn ON or OFF the audio.
- K: Erect Full Screen- Enlarge to be full screen soon, but not clear & not advised.
- L: Network Traffic- Display current traffic.

5.2 Feature Menu & Diagram



Features Menu:

- ① Features- More Features Menu
- ② Messages: Alarm Message
- ③ Direction- PTZ Control
- ④ Cloud- Cloud Storage Service
- ⑤ Smart- Smart Management
- ⑥ Playback- Video Playback
- ⑦ Gallery- Video Recording, Screenshots Saved on Your Smart Device
- ⑧ Theme Color- Set the background color
- ⑨ Night Mode- Set the Night Modes
- ⑩ Anti-Flicker- Set anti-flicker for the camera according to your choice
- ⑪ PIR- Set PIR Modes
- ⑫ Edit- Not Allowed

5.3 PTZ Control

There are two kinds of way to control PTZ for different directions.

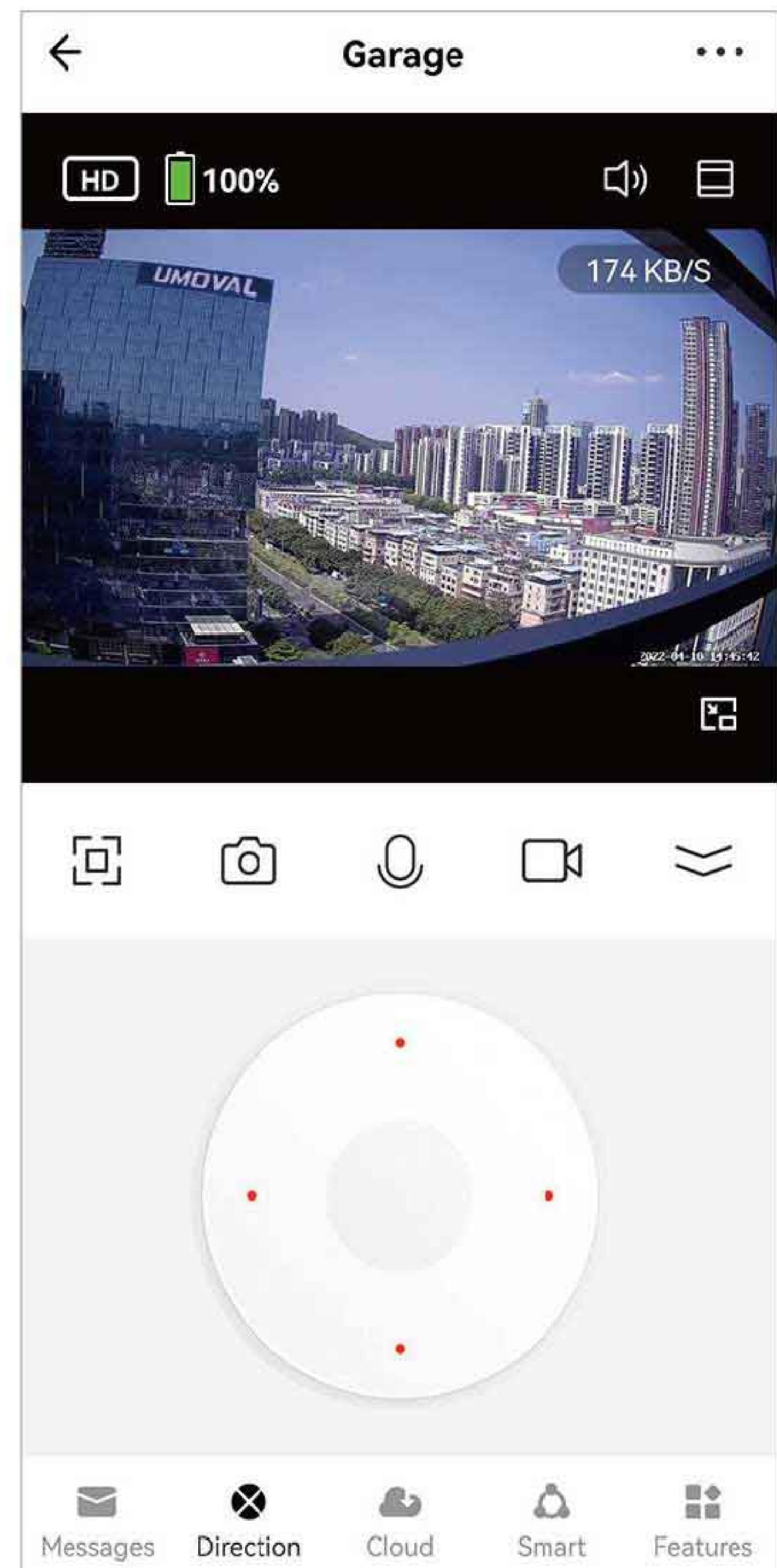
5.3.1 Touch PTZ Steering Wheel

You can control the camera's rotation angle by clicking the upper or bottom, left or right side on the steering wheel for different viewing angles.

Step 1: Click the button of Pop-up Menu, and the features menu will be popped up.

Step 2: Click the button of Direction, and the PTZ Steering Wheel will be displayed.

Step 3: Click the upper or bottom, left or right side on the steering wheel for different viewing angles.



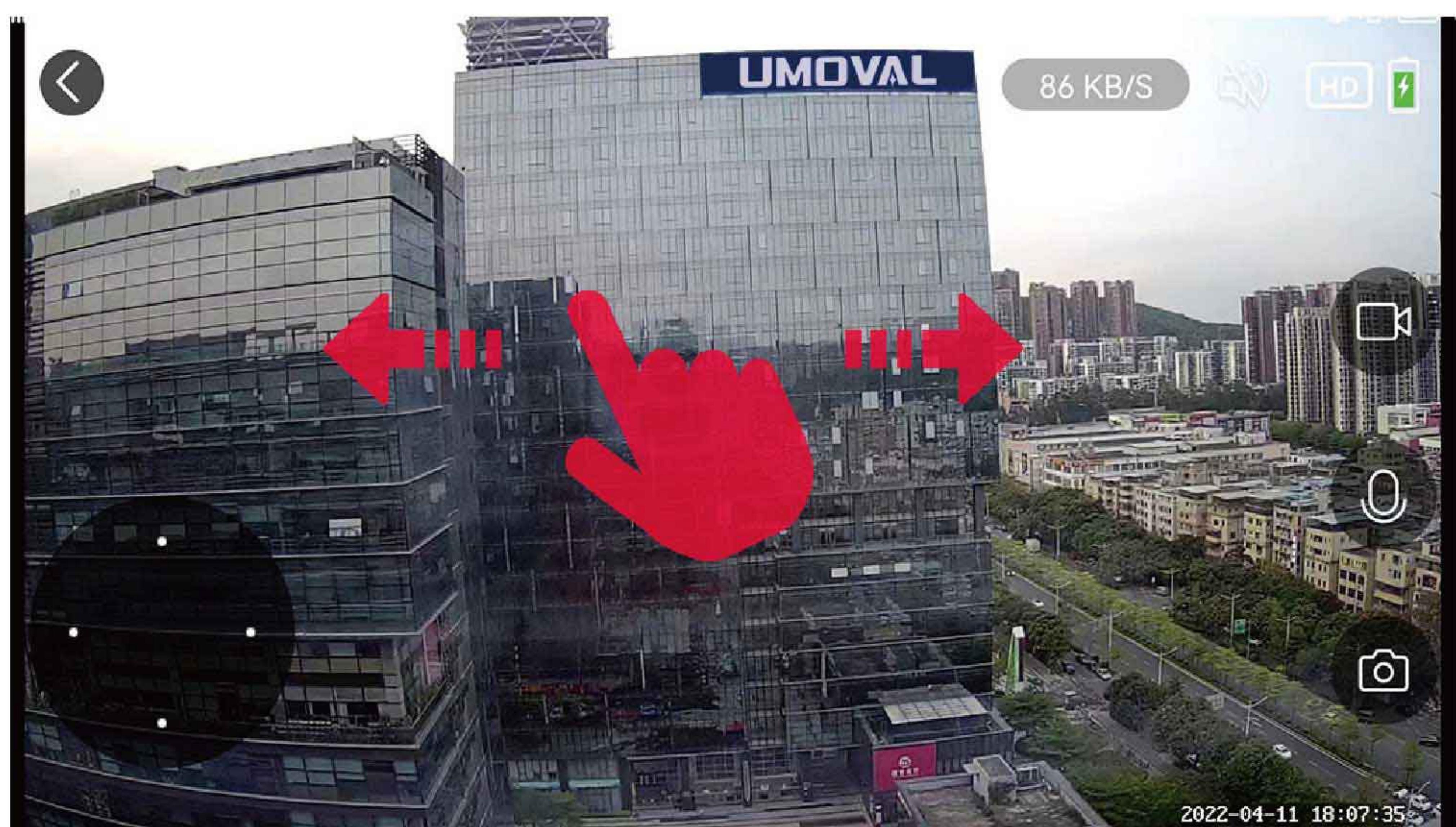
5.3.2 Swipe Screen with Fingers Directly

You can control the camera's rotation angle directly by swiping screen with fingers.

Step 1: Click the button of Full Screen on the left bottom of APP interface.

Step 2: Swipe the screen by one finger for different angles and by two fingers to zoom.

Step 3: And you can also touch the PTZ steering wheel on the left bottom for different angles.



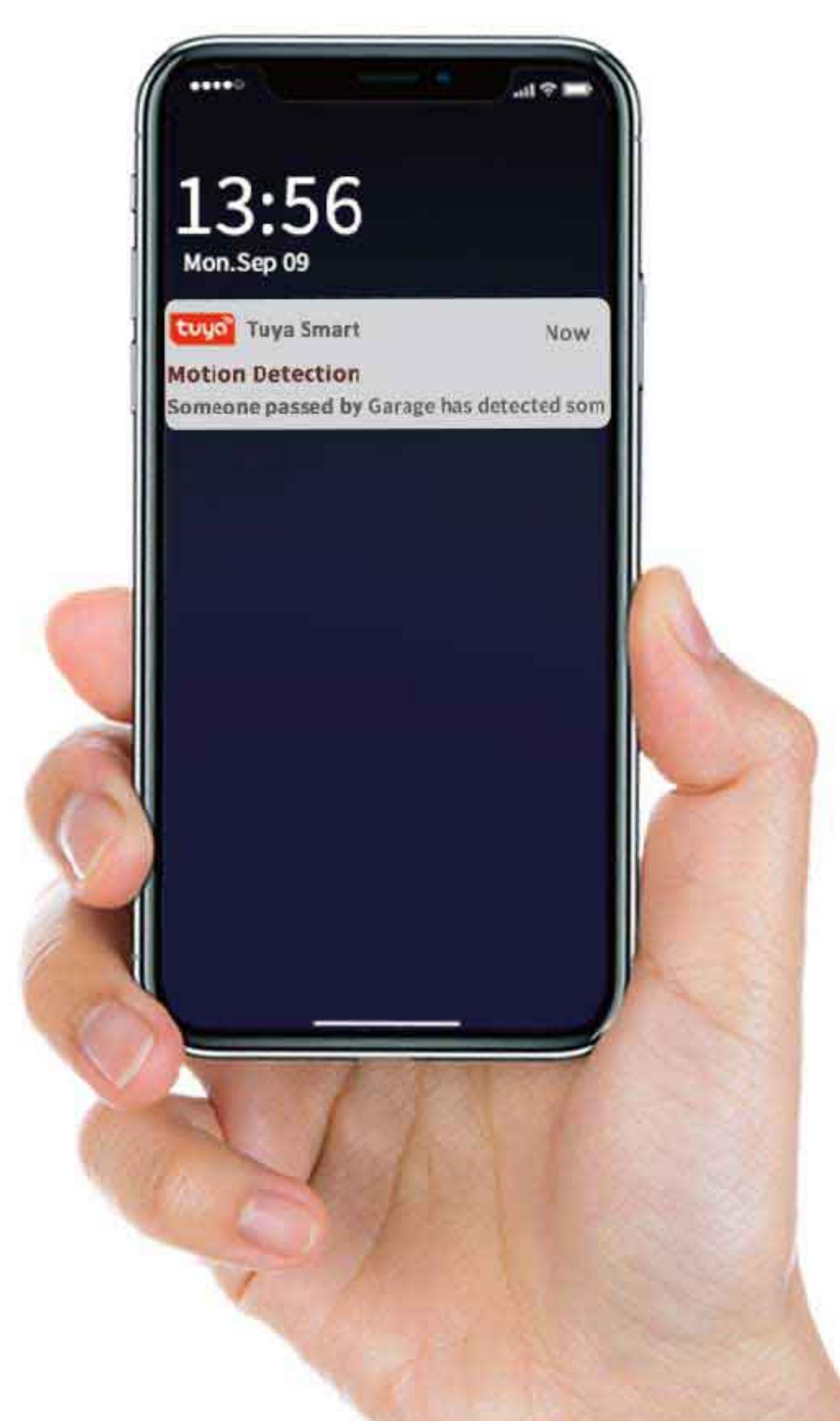
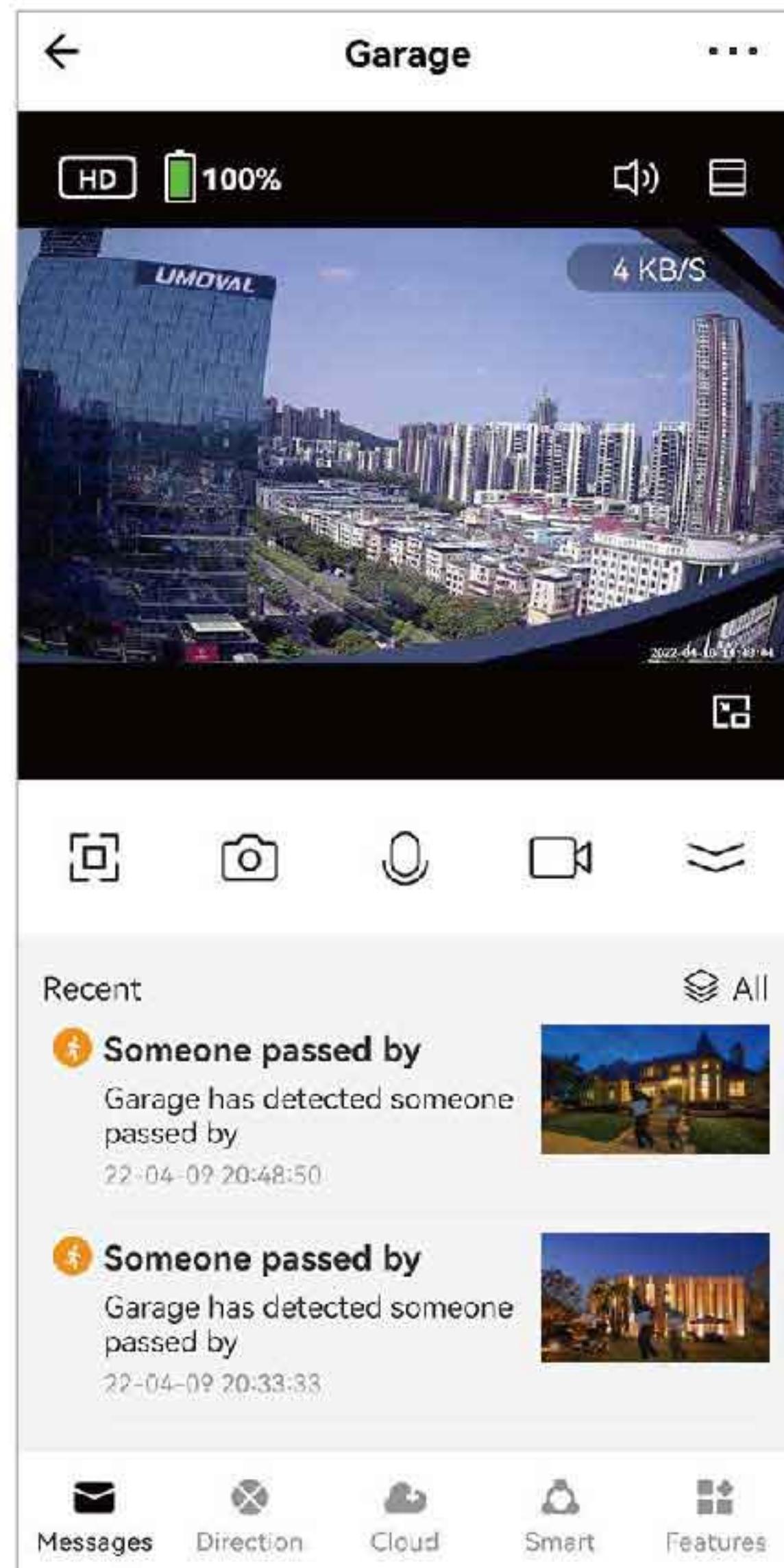
5.4 Alarm Message

Alarm message will be sent to your smart phone in real time. And you can also check and manage alarm messages on APP.

Step 1: Click the button of Features Menu on the right bottom of APP interface.

Step 2: Click the button of Messages on the left bottom of APP interface.

Step 3: Check each message by date and time. And click the photo on the right for details.



5.5 Video Playback

Step 1: Click the button of Features Menu on the right bottom of APP interface.

Step 2: Click the button of Playback on the Features Menu to view videos playback.

Step 3: Then please switch playback path to view Cloud storage video playback or local storage video playback.

Step 4: The video playback will perform by itself. But you can adjust the date and time to view target video playback. Swipe the blue line with fingers to the light blue background time zone for different videos playback.

Step 5: You can click the button of Full Screen to view clear video playback.

Note: No video playbacks if no memory card inserted into the camera or your cloud storage service is over 1-month free trial service period.

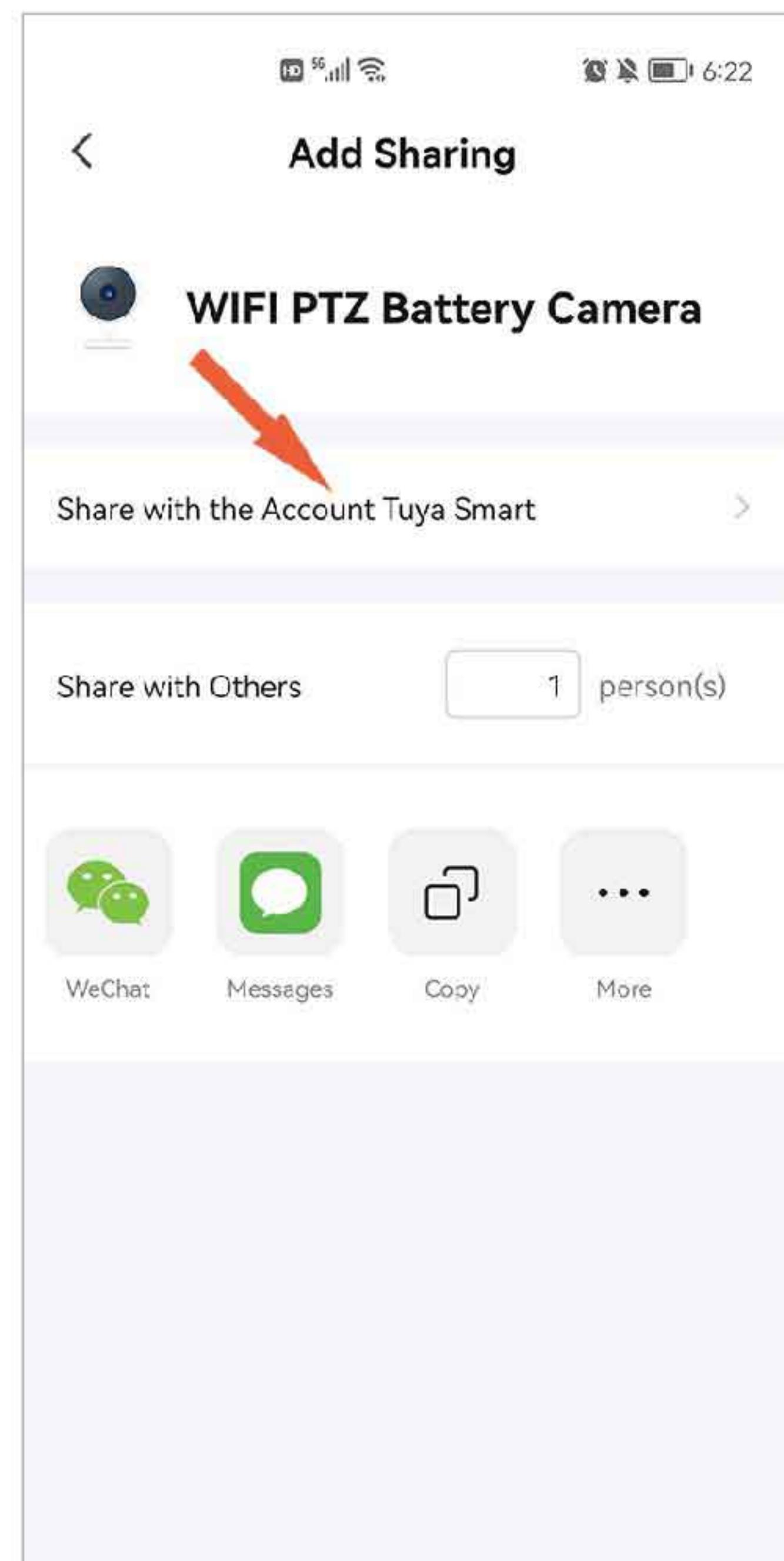
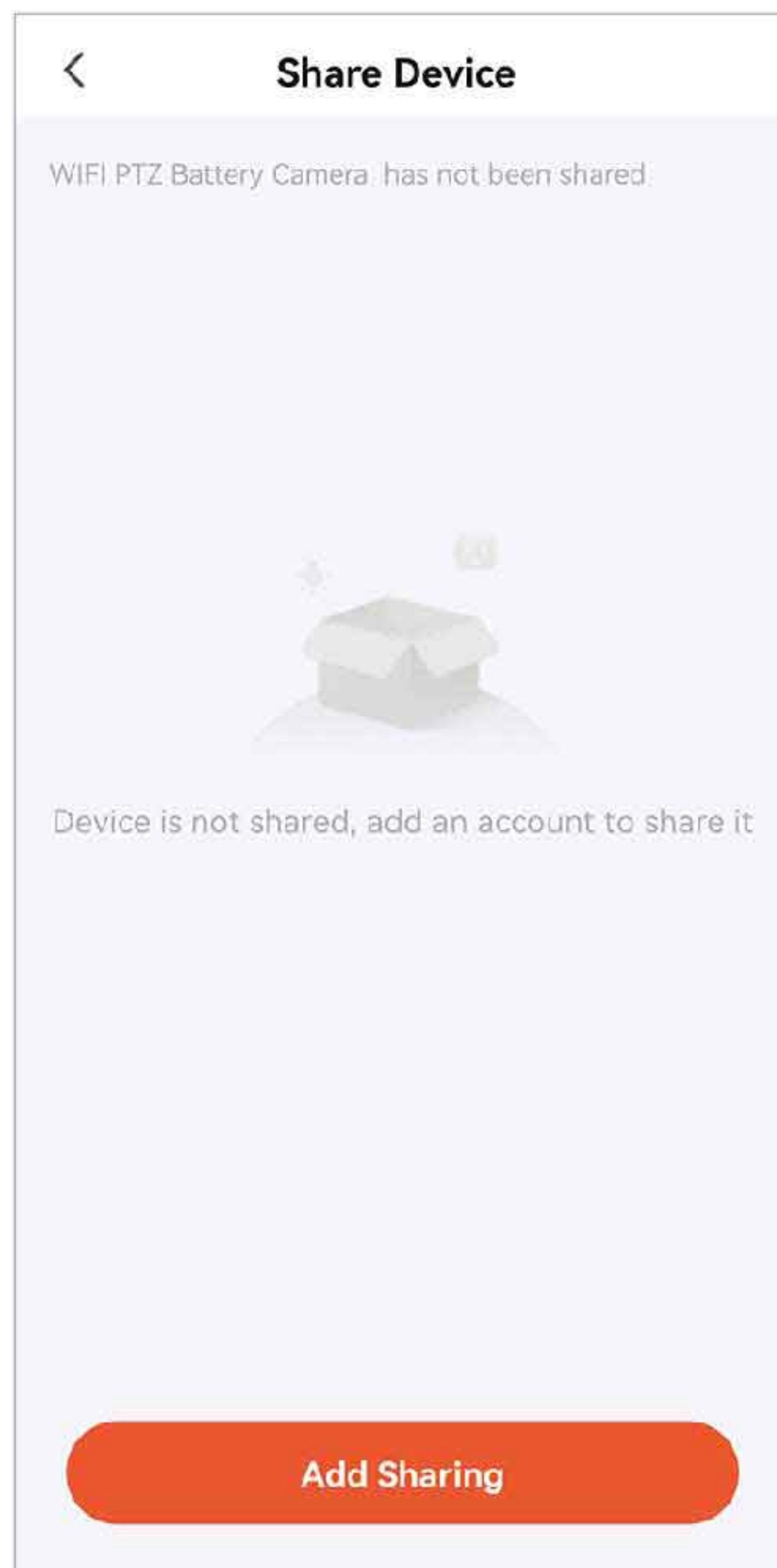
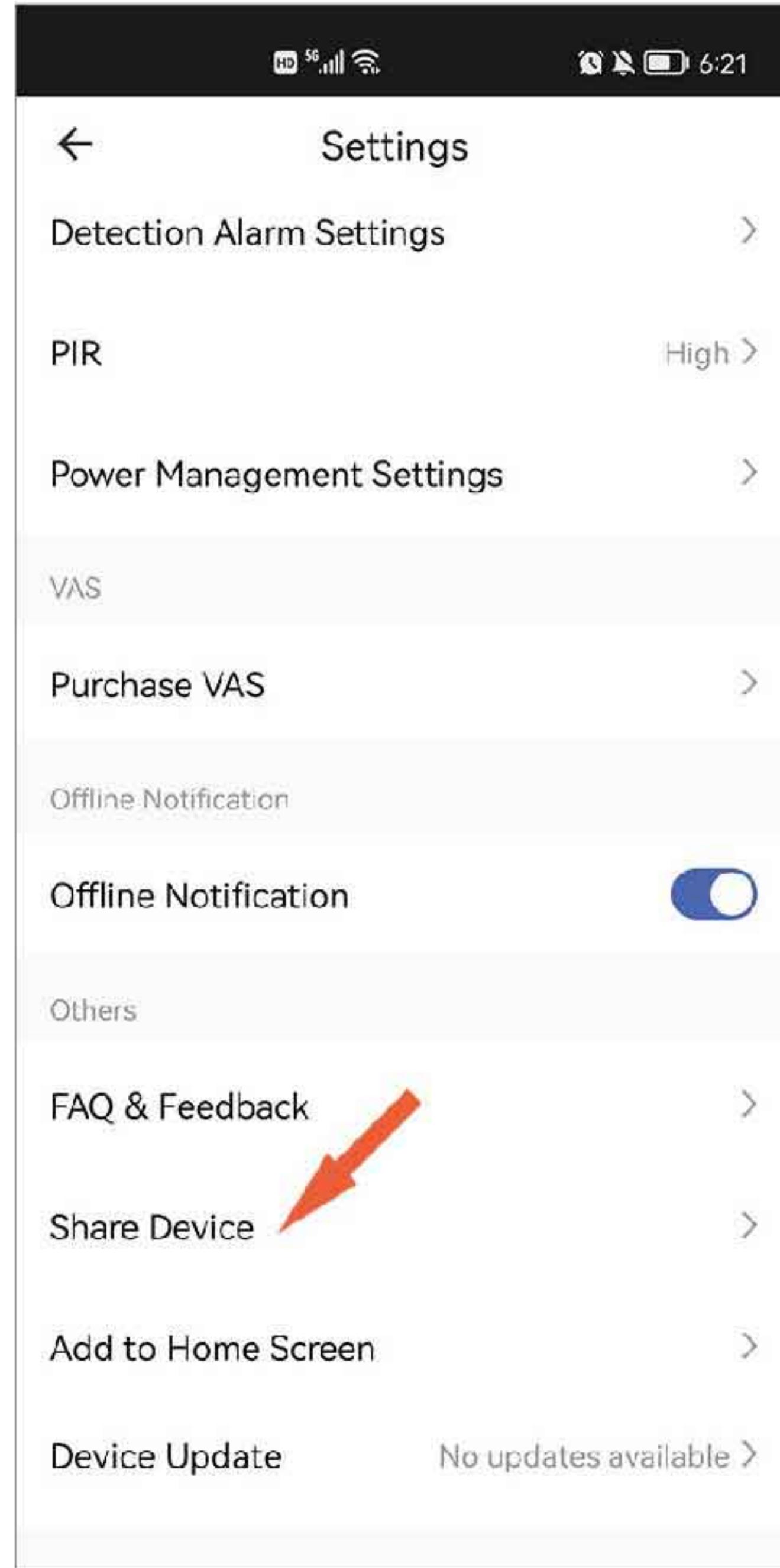


5.6 How to Share Device and Authorize More Users?

Step 1: Click the symbol ... on the right bottom of connected camera interface. And a new interface will pop up on the bottom of the APP total interface.

Step 2: Then click the symbol of Settings to open another interface to find the choice of "Sharing equipment".

Step 3: Click the button of "Sharing equipment >" to open a new interface and add family members & authorize more users.



5.7 Tap-to-Run & Automation

The solar camera may be Offline if without any invasion by PIR sensor for a long time. And it will be difficult for you to make it be Online on Tuya Smart APP interface.

How to resolve the issue above? The function of Tap-to-Run and Automation will help you to resolve the issue above.

And how to create a smart scene and set up Tap-to-Run? The procedures are as below:

Step 1: Click the button of Smart on the bottom of Tuya Smart APP homepage.

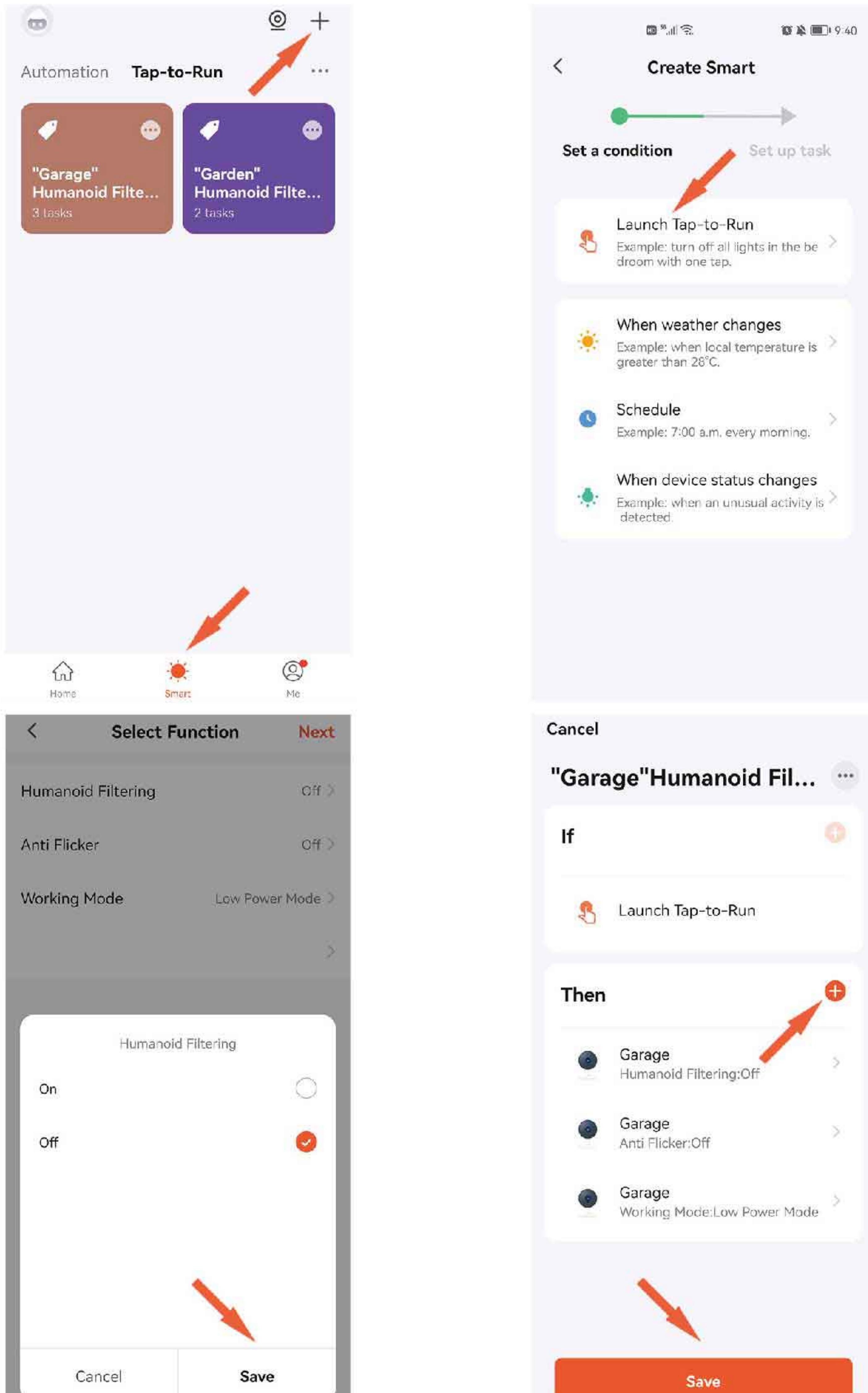
Step 2: And click the symbol of + on the upper right corner to proceed.

Step 3: Then set up task by clicking "Launch Tap-to-Run" in the list to Create Smart.

Step 4: Tick and Save "Off" for Humanoid Filtering, Anti Flicker, then Tick and Save "Low Power Mode" for Working Mode. Click the button of Next to proceed.

Step 5: Then click the symbol of + to add more device if you like. If not, please click the button of Save to finish.

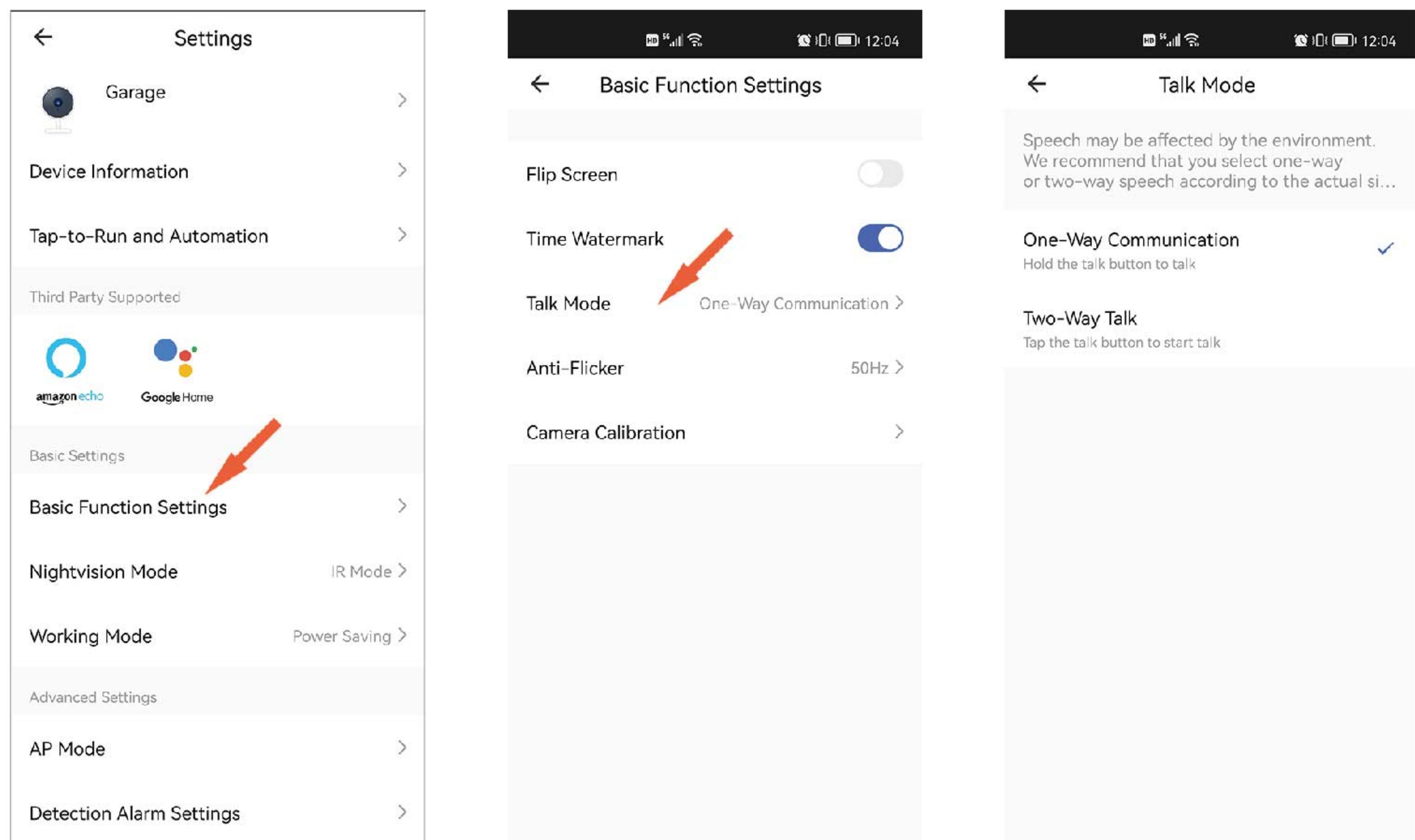
Note: Tap-to-Run is a kind of backup or precaution for the status of Offline.



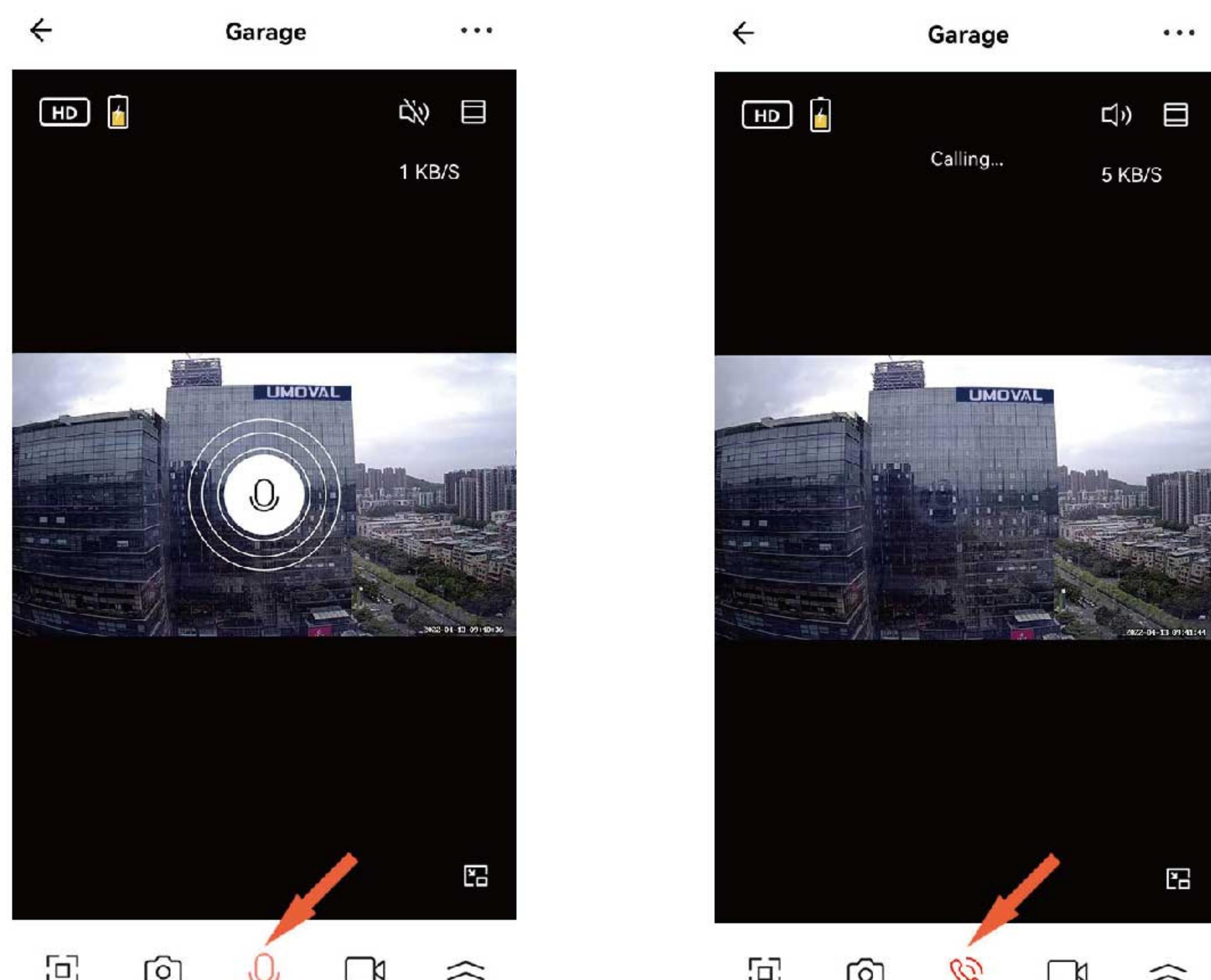
5.8 Basic Settings

5.8.1 Basic Function Settings

- (1) Flip Screen: Off in default.
- (2) Time Watermark: On in default.
- (3) Talk Mode: One-way Audio Communication or Two-way Audio Talk.



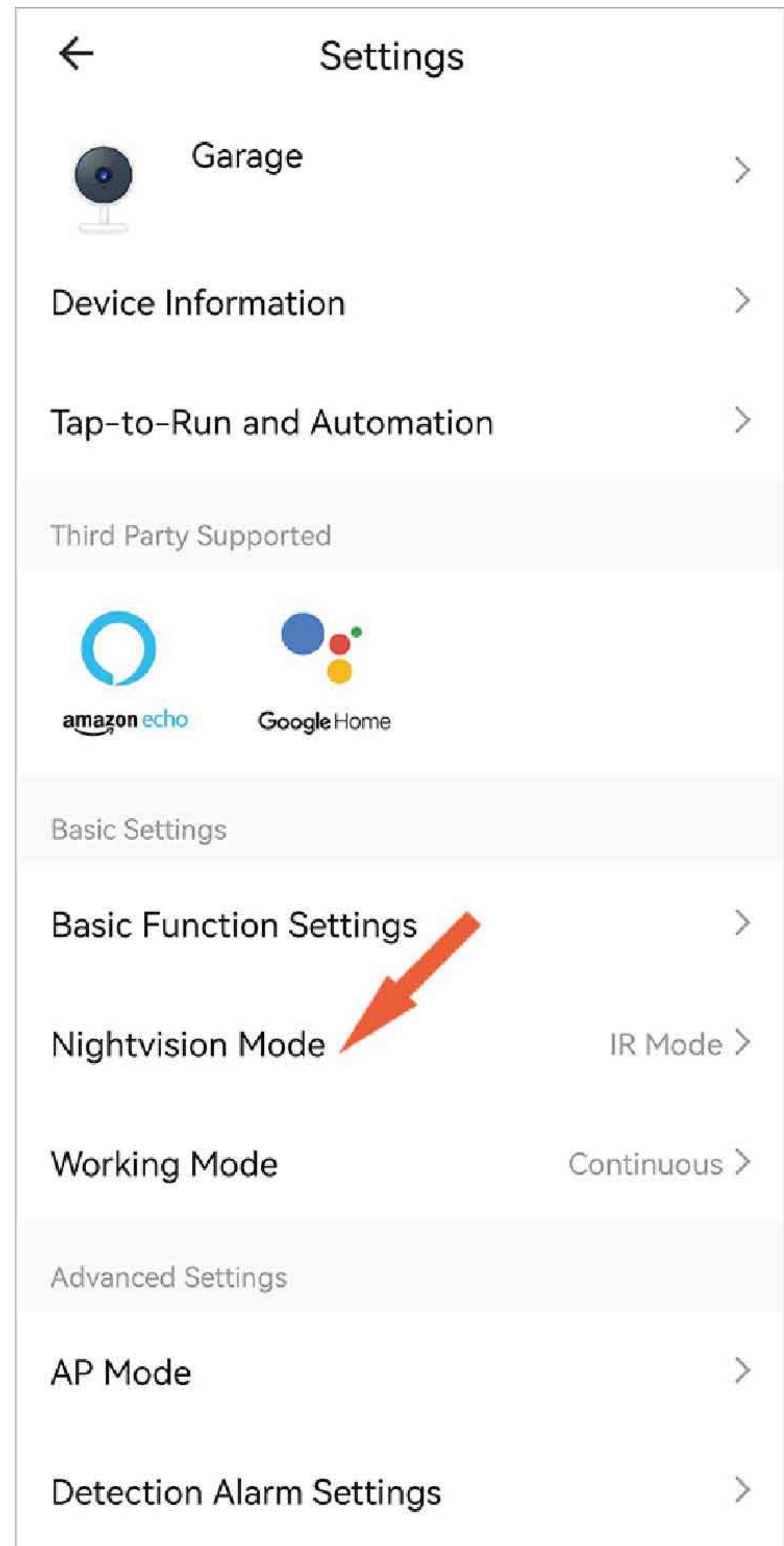
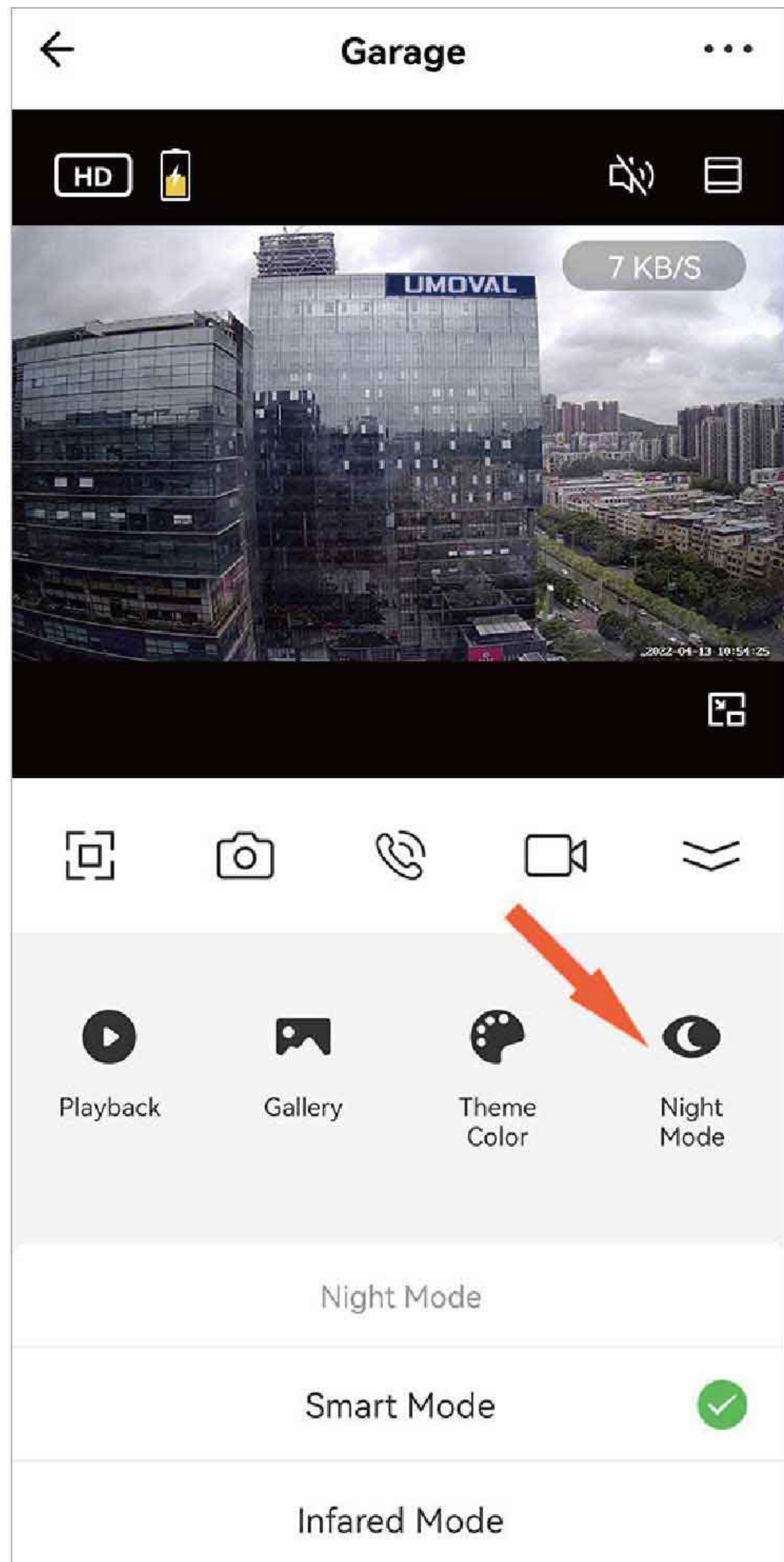
- ① One-way Audio Communication: Hold the audio button to talk.
- ② Two-way Audio Talk: Tap the audio button to start talking.



- (4) Anti-Flicker: Off, 50Hz or 60Hz. Off in default.
- (5) Camera Calibration: Camera calibration will take around 25 seconds. Please confirm whether you want to continue.

5.8.2 Night Vision Mode

There are totally two night vision modes of the camera. One is Infrared Night Vision, which is also named IR Code. And the other is Starlight Night Vision, which will operate on Auto Mode or Smart Mode.



There are two ways to set Night Vision Modes. One is on the Features Menu. And the other is on the Setting Menu. Please check the photos above. Please chose the night vision you'd like to set according to your requirements.

5.8.3 Working Mode

There are two working modes for the camera. One is Low Power Mode and the other is Continuous Working Mode. Low Power Mode is also named Power Saving Mode.

5.8.3.1 How to Set the Working Mode?

Step 1: Click the button of Setting on the upper right corner.

Step 2: Click the button of Working Mode on the menu of Settings.

Step 3: Tick the Low Power Mode. And click the button of Save on the bottom to finish.

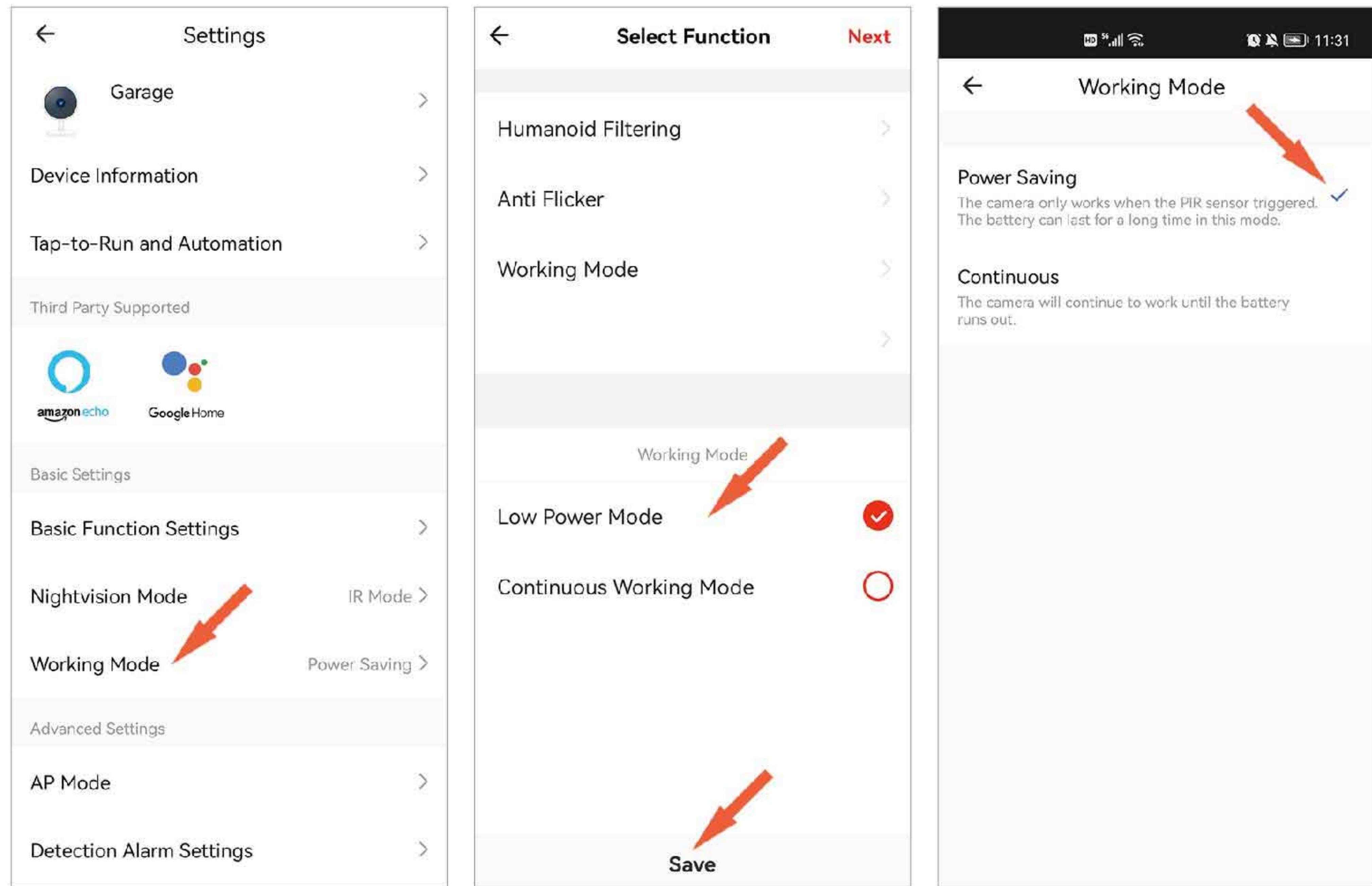
5.8.3.2 Low Power/Power Saving Mode

The camera only works when the PIR sensor triggered by motion detection. The battery can last for a long time in this mode. Recommended!

5.8.3.3 Continuous Working Mode

The camera will continue to work until the battery runs out. Not recommended! But the Continuous Working Mode can work at special hours controlled by Smart Management.

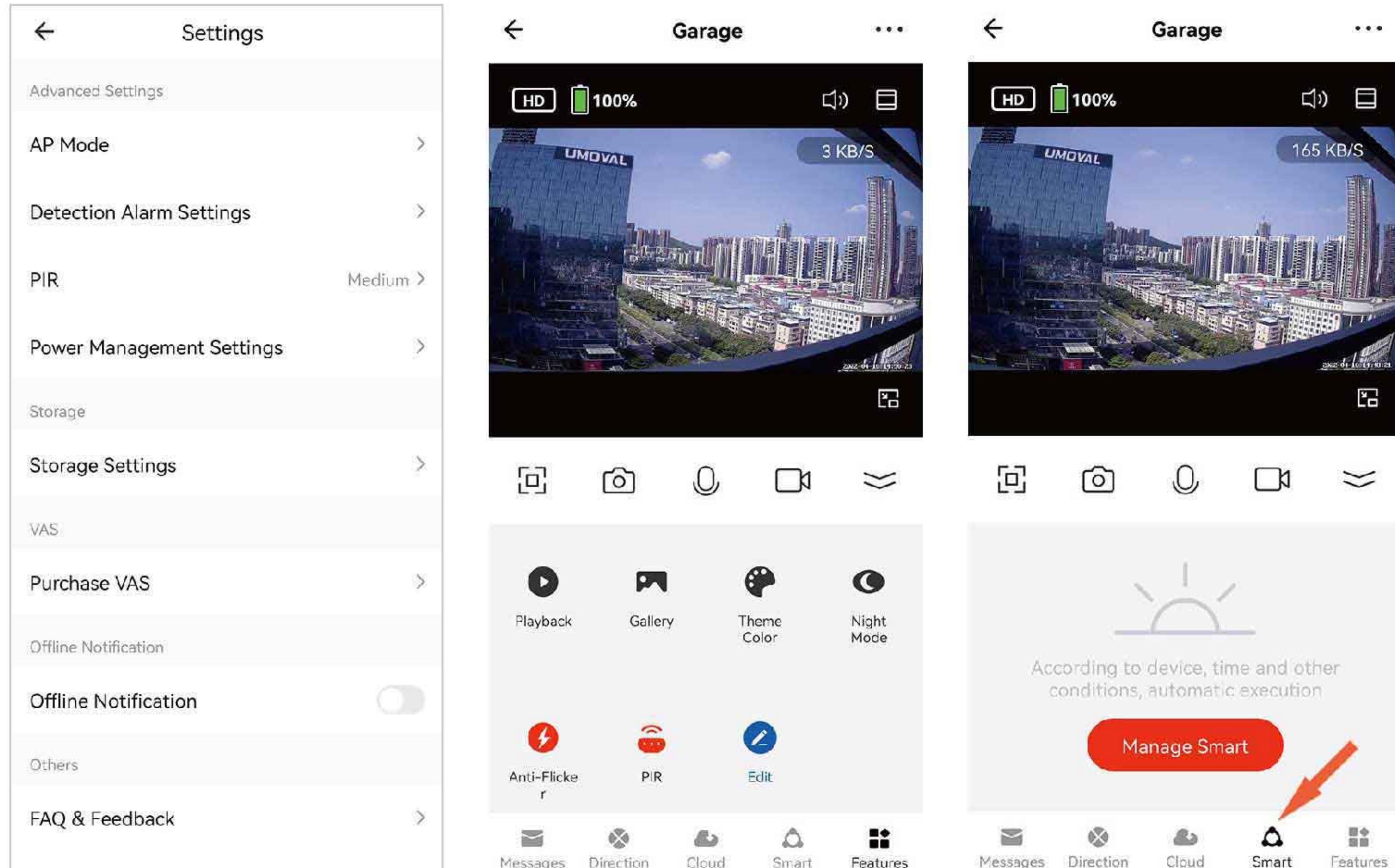
Important Note: Low Power Mode, Power Saving Mode is recommended for the working mode of camera.



5.9 Advanced Settings:

5.9.1 The List of Advanced Settings

- (1) AP Mode: Not function.
- (2) Detection Alarm Settings: Tick the Human Body Filtering for Motion Detection.
- (3) PIR: Off, Low, Medium, High. Please tick Low, Medium, High according to your choice.
- (4) Power Management Settings: You can set the low battery alarm threshold here.
- (5) Storage Settings: You can format memory card and see the storage capacity here.
- (6) Manage Smart: You can set special time, other conditions and automatic execution here. And the button of Manage Smart is listed on the Features Menu.

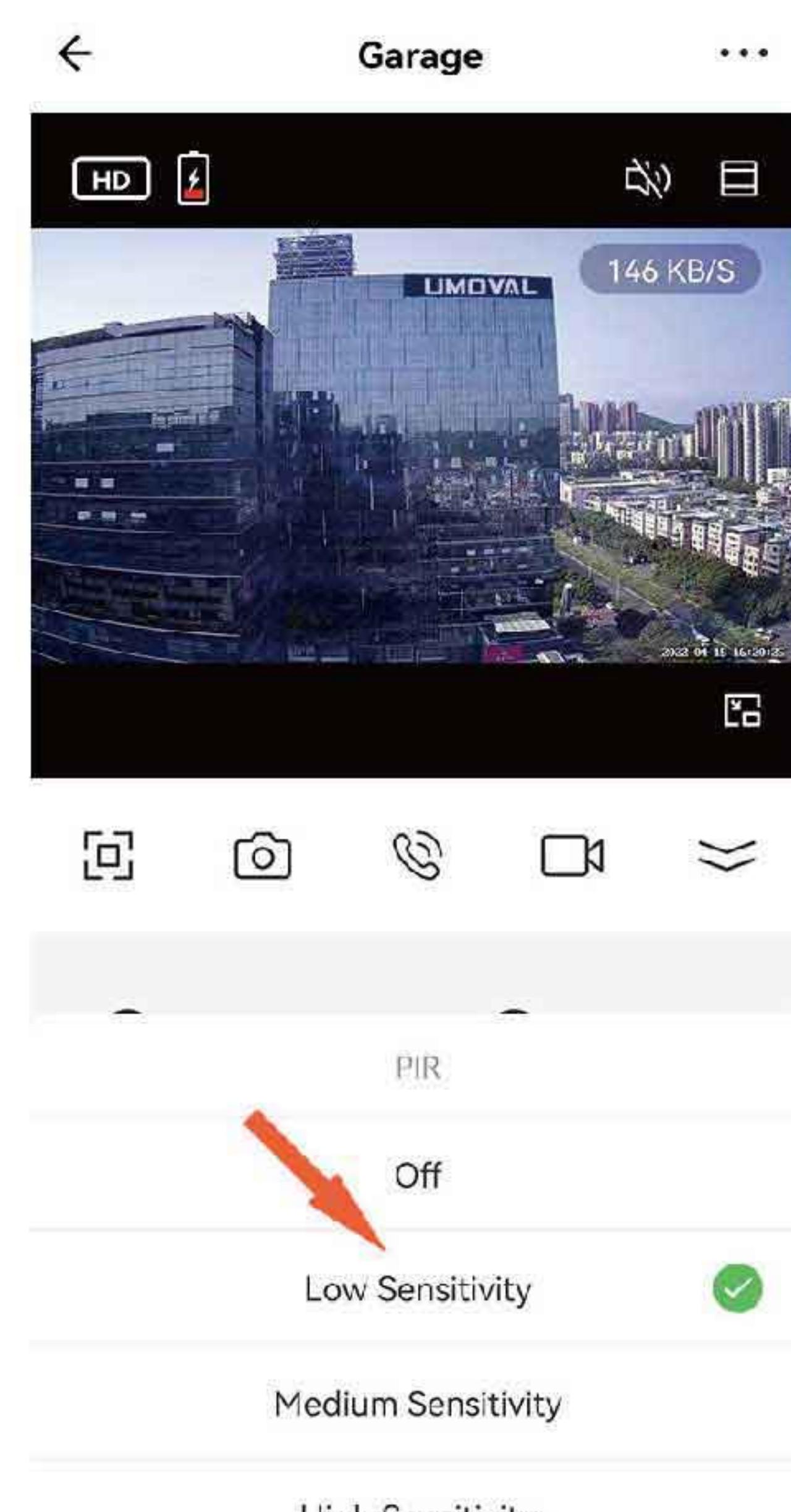


5.9.2 How to Set PIR Mode Correctly?

The PIR sensor can be set up to be different modes on human detection sensitivity. You can set up the PIR sensor modes on the Features Menu or the list of Advanced Settings.

- ① **Off:** The camera won't detect any human motions when the PIR sensor is off.
- ② **Low Sensitivity:** Human motions will be detected by PIR sensor within 5 meters/16 feet under standby status.
- ③ **Medium Sensitivity:** Human motions will be detected by PIR sensor within 7 meters/23 feet under standby status.
- ④ **High Sensitivity:** Human motions will be detected by PIR sensor within 10 meters/33 feet under standby status.

Note: Low Sensitivity Mode is recommended to set up for usages in the environment with huge human traffics, such as public WC or business stores to avoid unnecessary waking up to extend battery operating time.



6. Two Choices for Video Recording Storage

There are totally two choices for video recording storage. One is Micro SD Card for local storage. The other is cloud storage and the user has to purchase VAS for it on APP interface.

6.1 Micro SD Card for Local Storage - Recommended

- (1) 32 GB, 64 GB, 128 GB Micro SD Card is recommended for local storage.
- (2) Local storage by Micro SD card is recommended by UMOVAL since it is more economical than cloud storage and will help you to save money in the coming years.

6.2 How to Insert Micro SD Card into the Camera Correctly?

Step 1: Open the cover on the bottom of camera.

Step 2: Pick up Micro SD card and keep the printed side toward the bottom of camera.

Step 3: Insert Micro SD card into slot completely, please check the photo for example.



6.3 Purchase VAS for Video Cloud Storage

Step 1: Click the button of Cloud on the bottom of APP interface.

Step 2: Click the button of Purchase Service and Subscribe to proceed.

Step 3: Choose the service type you'd like to use, such as Trial, Basic Plan (Monthly), or Basic Plan (Annually). And you can have a try of Trial Service at first.

Garage

Value-added service

Orders

Value-added service

Video Cloud Storage

Device name: Garage
Device ID: 6c3032032ddde05e6c6drr

Subscribe

Video Cloud Storage

Camera will upload encrypted video data to the cloud once the service is subscribed. You can check the video through the App anytime, anywhere.

Video Cloud Storage

Check the encrypted video from cloud storage through your App anytime, anywhere.

Trial

Try the service for 30 days. You can check event video clips for past 7 days.

Validity period: 30 days

Try Now

Basic Plan (Monthly)

Event recording for past 7 days. This service is valid for 30 days.

\$1.99

Purchase

Cloud Storage Service

Records that cannot be destroyed or stolen

Purchase Service

Secured storage

Even if your camera is stolen or destroyed, you can still check the video from the cloud.

Basic Plan (Annually)

Event recording for past 7 days. This service is valid for 365 days.

\$18.99

Purchase

Messages

Direction

Cloud

Smart

Features

7. Split Screen to View Different Live Videos

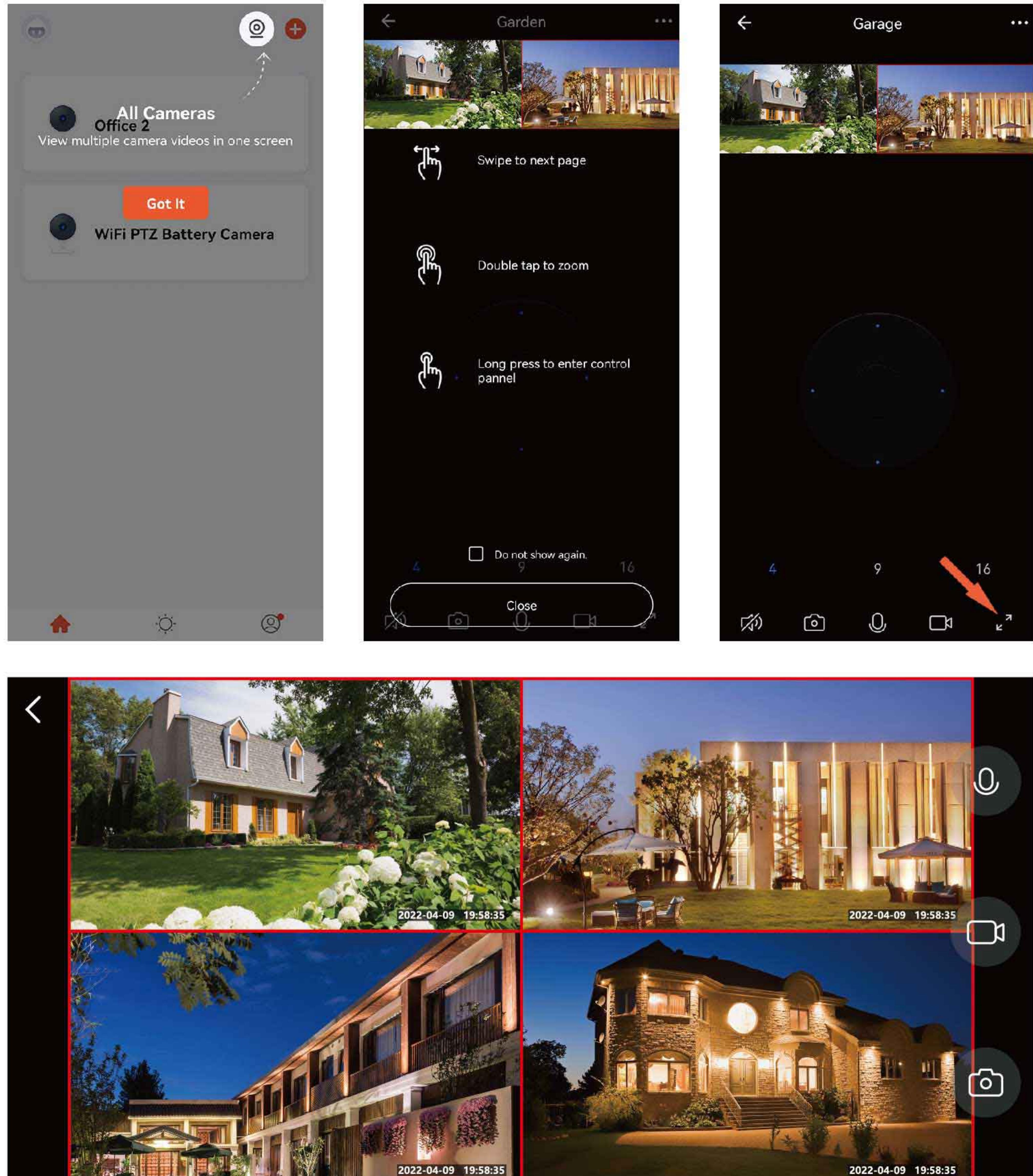
The split-screen function is only for multiple cameras operating at a same APP account.

Step 1: Click the split-screen button on the upper right nearby Adding device.

Step 2: Click the split-screen quantity you prefer to set. 4 is the default number.

Step 3: Click the Full Screen button to set for simultaneous view of multiple cameras.

Note: The split-screen mode will be working for more than two cameras.



8. How to View Live Video on a Computer?

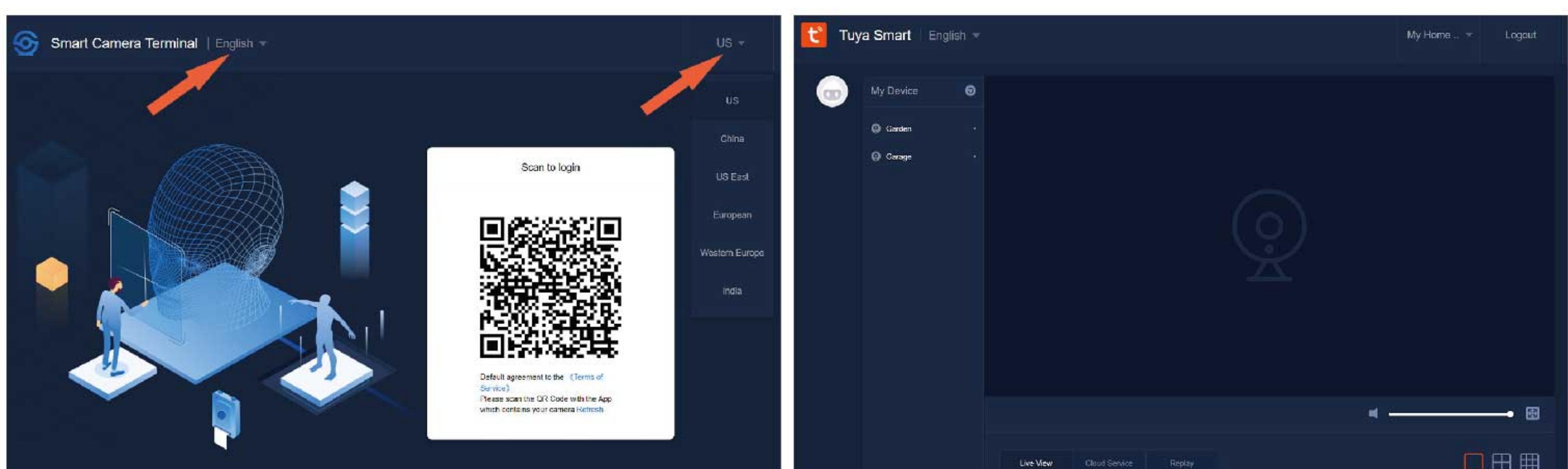
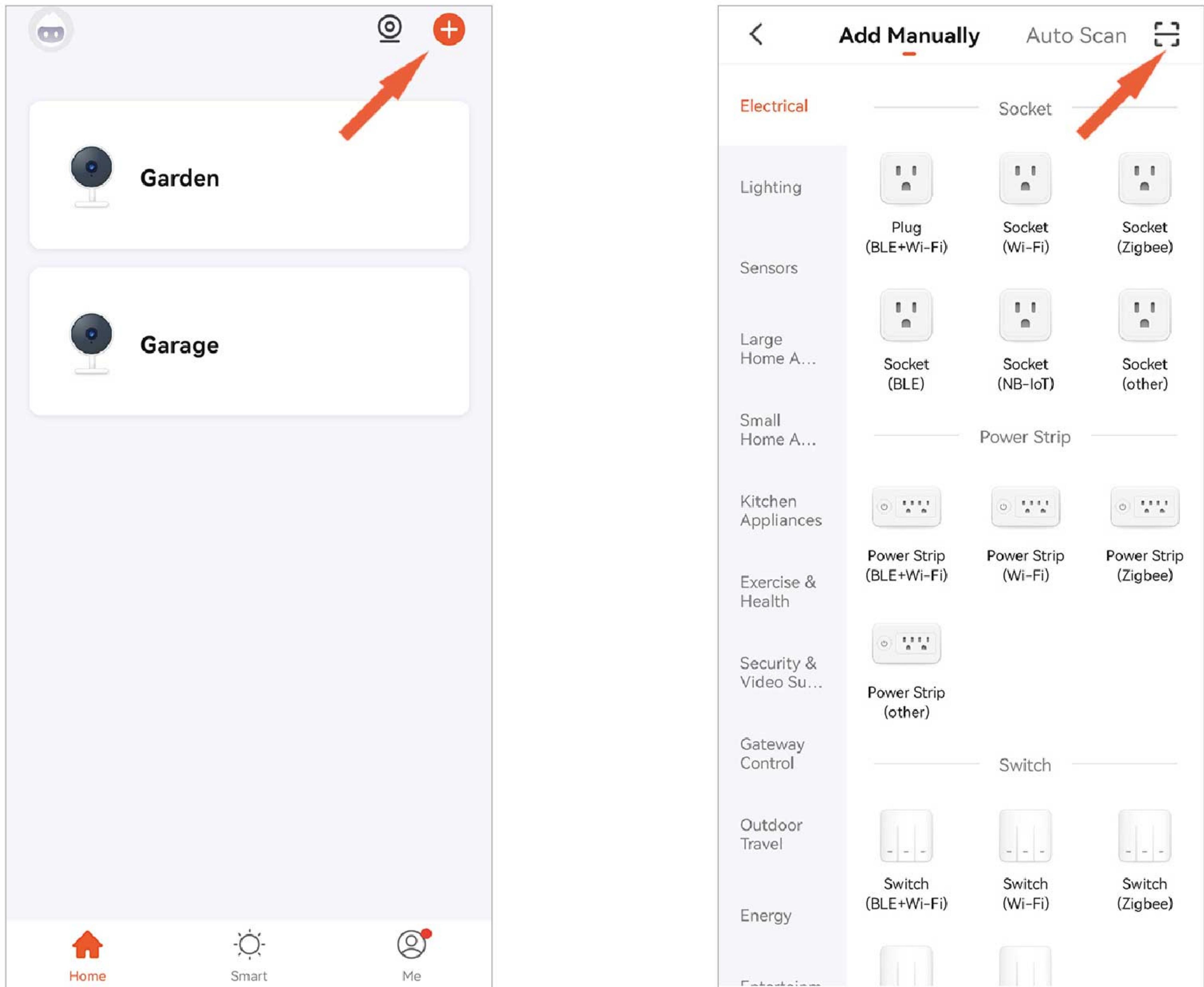
The cameras must be added on Tuya Smart APP before viewing live video on computer.

Step 1: Log in the website <https://ipc.ismartlife.me/login>

Step 2: English is the default language. Please choose the local language as you like.

Step 3: And please choose the region where you are located, which is important.

Step 4: Then please scan the QR Code by your Tuya Smart APP account to log in.



Note: The displayed video on PC is not as clear as that displayed on smart devices. Because only SD video is displayed on PC.

9. How to Link to Third Party Voice Systems Supported?

The device is able to work with supported third party voice systems, including Amazon Alexa and Google Home (Google Assistant).

9.1 How to Link to Amazon Alexa?

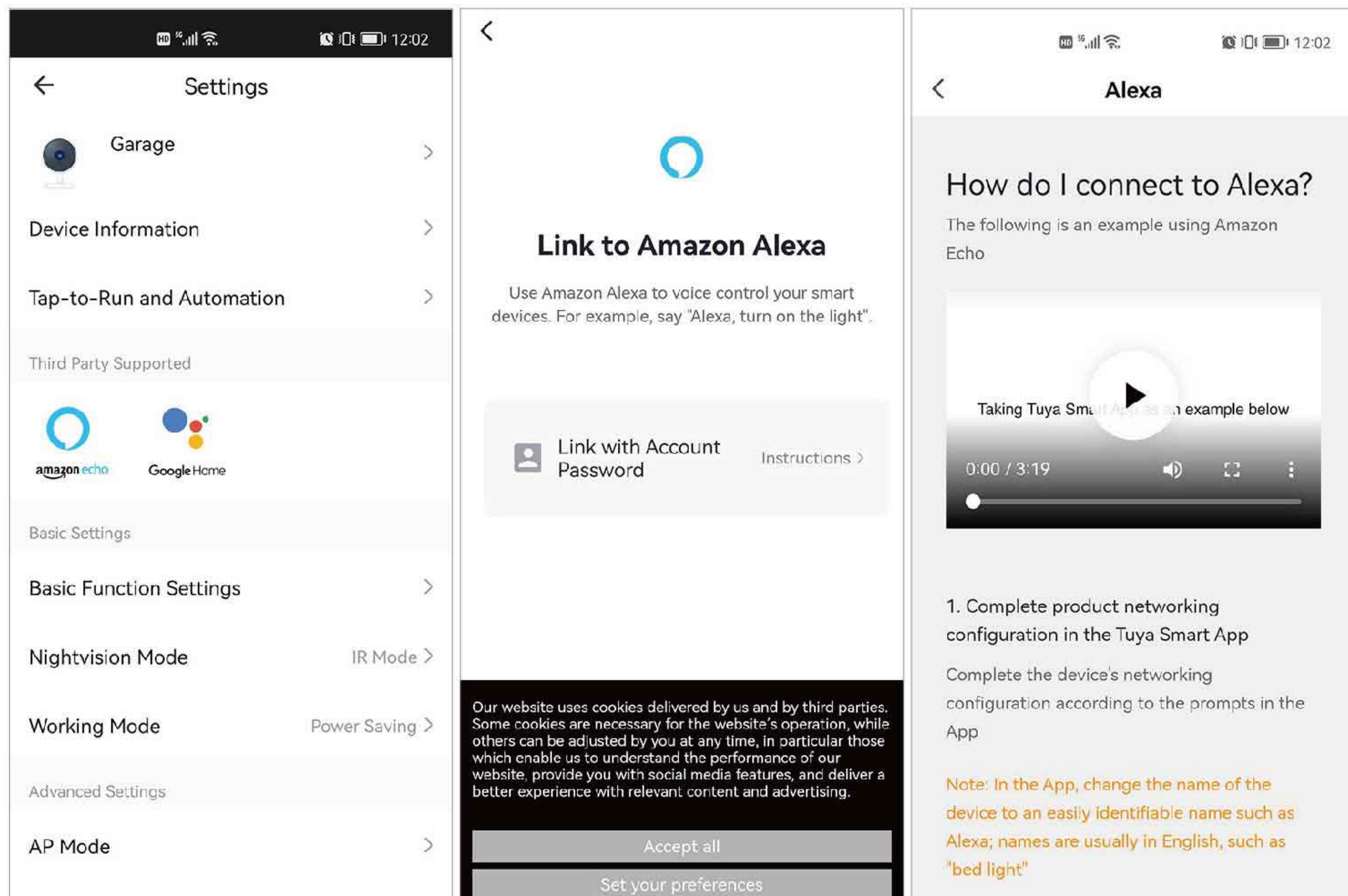
Step 1: Click the button of Settings On the upper right.

Step 2: Click the symbol of Alexa/Amazon Echo on the interface of Settings.

Step 3: Click the button of "Accept all" or "Set your preferences" to approve cookies for normal operation.

Step 4: Click the button of "Link with Account Password- Instructions" to learn more how to link to Amazon Echo/Alexa.

Step 5: Please finish the linkage to Amazon Echo/Alexa according to the instructions step by step.



9.2 How to Link to Google Assistant?

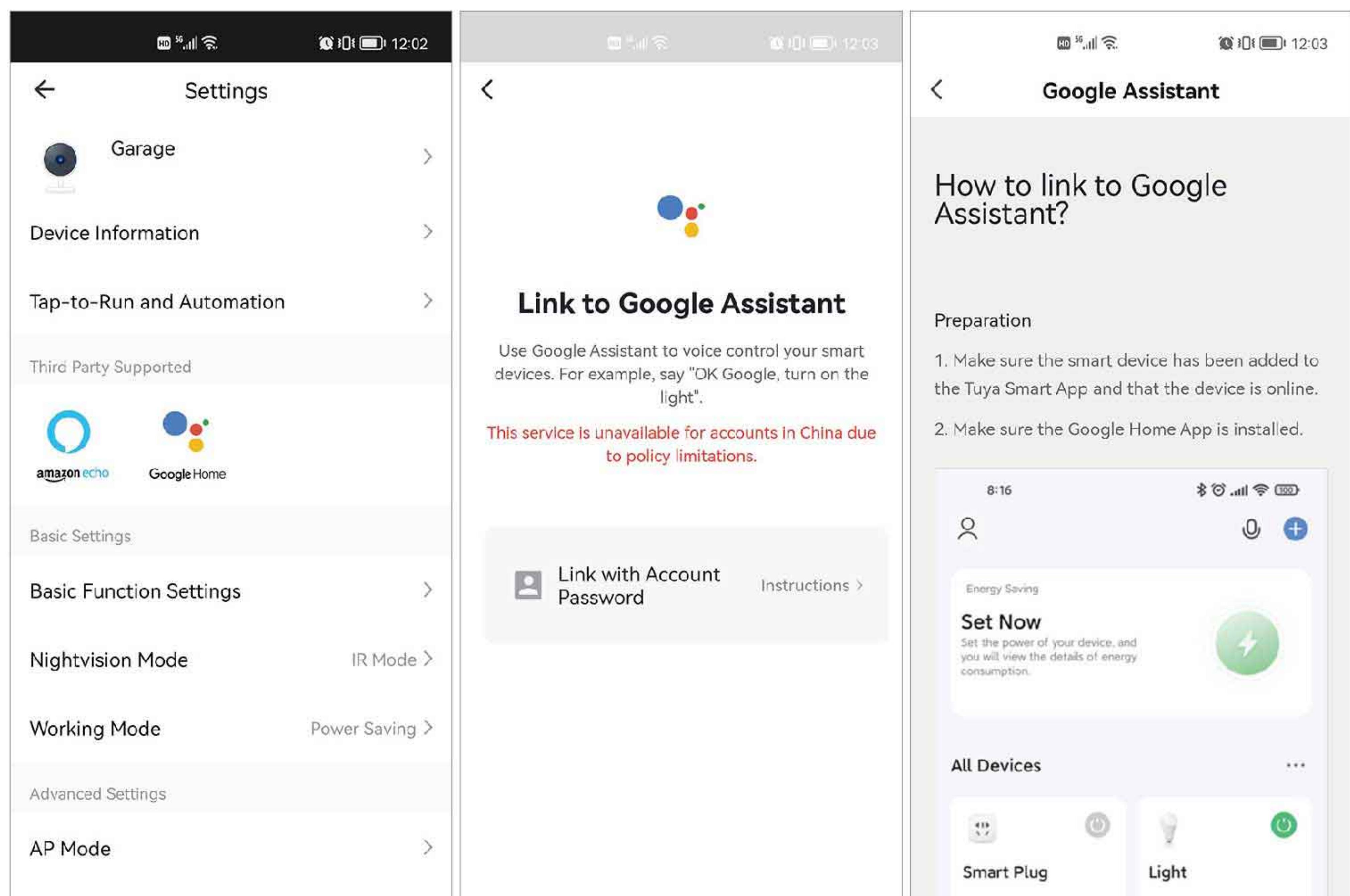
Step 1: Click the button of Settings On the upper right.

Step 2: Click the symbol of Google Home/Assistant on the interface of Settings.

Step 3: Click the button of “Accept all” or “Set your preferences” to approve cookies for normal operation.

Step 4: Click the button of “Link with Account Password- Instructions” to learn more how to link to Google Home/Assistant.

Step 5: Please finish the linkage to Google Home/Assistant according to the instructions step by step.



10. Learn More about the Camera

Model No.	UM-Q6-WiFi-BK	UM-Q6-WiFi-WH
Features		
Weatherproof	Yes	Yes
Infrared Night	Yes	Yes
Starlight	Yes	Yes
One-way Audio	Yes	Yes
Two-way Audio	Yes	Yes
Remote Live View	Yes	Yes
PTZ Rotation	Yes	Yes
Motion Detection	Yes	Yes
Auto Tracking	No	No
iOS	Yes	Yes
Android	Yes	Yes
HarmonyOS	Yes	Yes
LAN Port	No	No
Power Adapter	No	No
Video Resolution	2MP/3MP	2MP/3MP
Applications	Outdoor	Outdoor

11. How to Install the Camera Correctly?

There are two ways to install the solar panel. Please chose the best way for your installation.

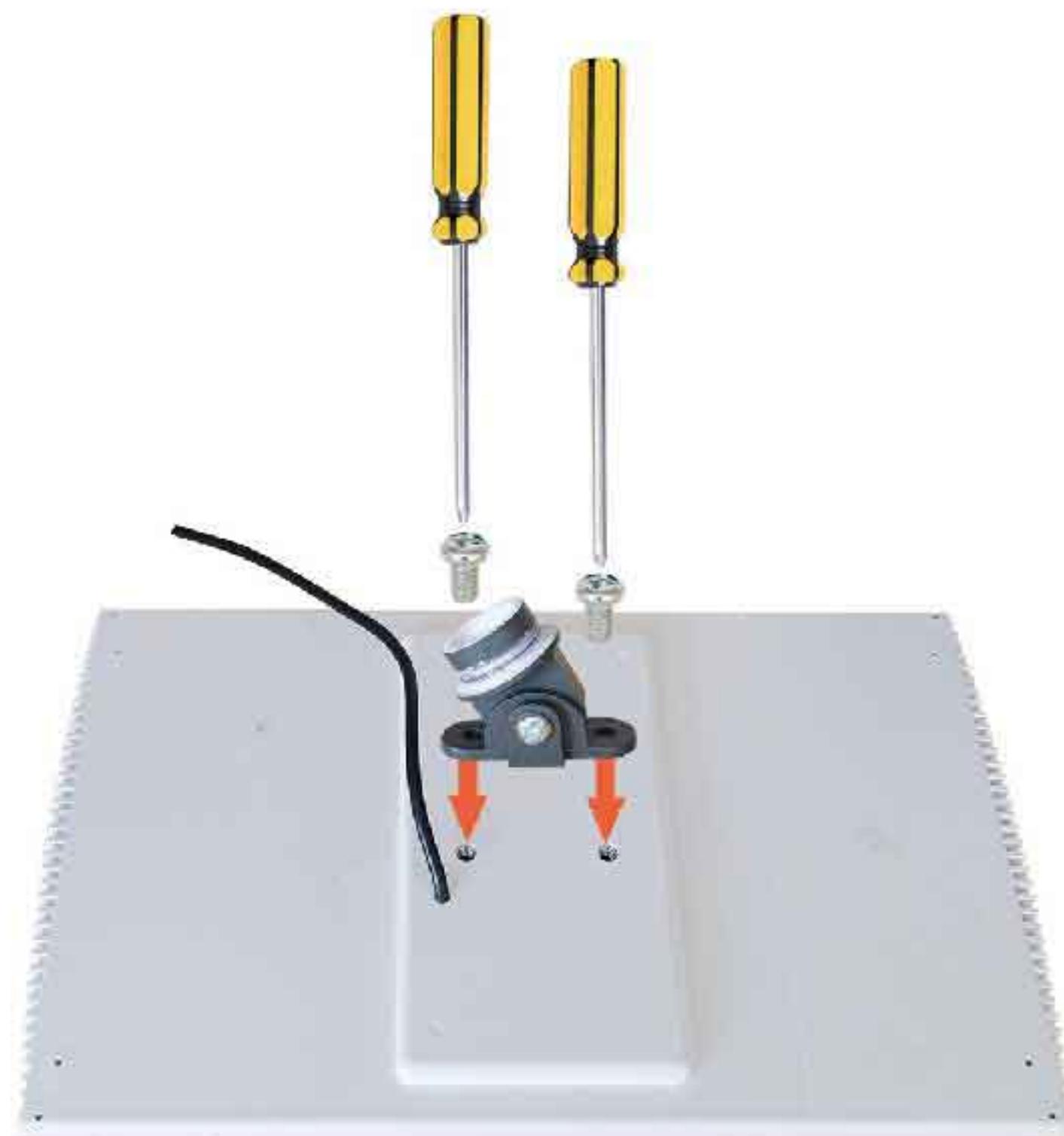
11.1 How to Install the Camera with Solar Panel Together?

The 10W solar panel can be fixed on the top of camera Mounting Bracket position to install as an integrated set.

Step 1: Fix the holder on the Mounting Bracket Position of the camera top by a screw.



Step 2: Fix the bracket on the back of solar panel by two screws tightly.



Step 3: Turn back the solar panel and insert the bracket into the holder on the camera top.

Step 4: Tighten the screws on the both sides by a screwdriver.

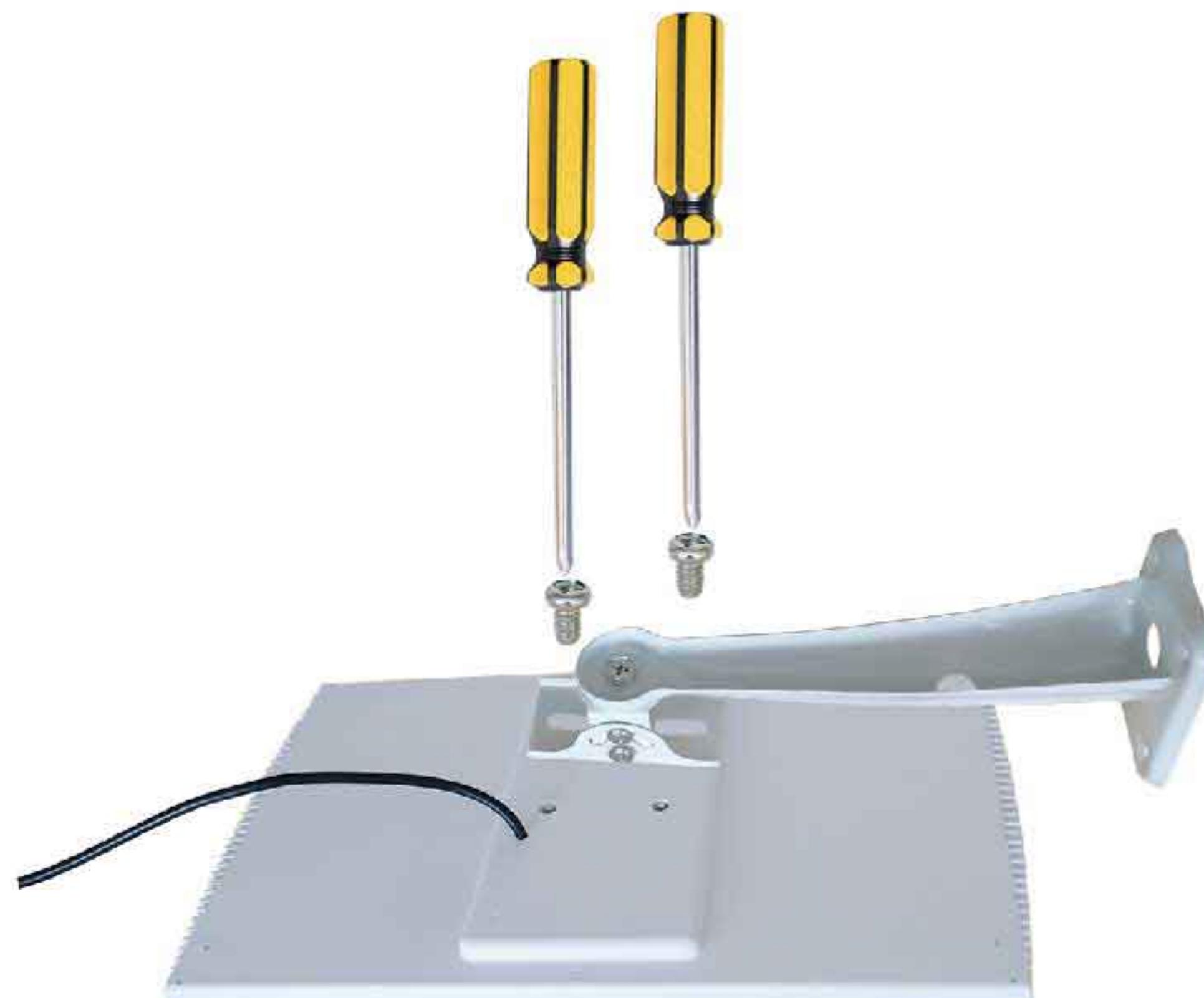


Step 5: Now the camera with solar panel is ready to install by wall mounting.

11.2 How to Install the Camera with Solar Panel on Other Surface?

In order to get sufficient sunshine and rechargeable battery charging time, the 10W solar panel may be installed on other surfaces, such as wall, roof etc.

Step 1: Fix the elongated bracket on the back of solar panel by two screws tightly.



Step 2: Find a surface position on wall or roof to label three holes by pencil.

Step 3: Drill three holes by an impact drill on the three labels exactly.

Step 4: Insert plastic stoppers into the three holes by a hammer.

Step 5: Fix the solar panel with bracket on the wall or roof by three screws tightly.

Note: The solar panel fixed on wall or roof must be within 3 meter or 10 feet distance away from the solar camera. It is because the length of extended Type-C charging cable is only 3 meter or 10 feet.



11.3 How to Insert Type-C Charging Cable from Solar Panel to the Camera's Socket?

Step 1: Open the black plastic cover on the bottom of camera bracket.

Step 2: Pick up the end of extended Type-C charging cable to insert it into Type-C socket tightly.

Step 3: It will be better for you to protect the connection by sealants or adhesives from rainwater.

Important Note: Please make sure the cut gap of Type-C cable end must be fixed on the side of the connection bit between the plastic cover and Type-C socket. Or it won't be inserted completely and waterproof.



11.4 Install the Camera by Surface Mounting Finally

Step 1: Locate the position where you are going to install camera for video surveillance.

Step 2: Paste the Bracket Mounting Sticker paper on the surface of installation position.

Step 3: Drill holes according to the symbols displayed on the sticker paper by impact drill.

Step 4: Insert plastic stoppers into the four holes by a hammer.

Step 5: Fix the camera bracket on the wall by four screws tightly.



The solar camera is ready for usages finally. Congratulation!



Question 1: How long can the solar camera work in rainy or overcast days?

Answer: There are Power Saving Mode and Continuous Working Mode of the solar camera. If the camera is set up to be Power Saving Mode, it is able to work for around 7 days in rainy or overcast days. If the camera is set up to be Continuous Working Mode, it will work only for around 2 days if it has been charged fully.

Therefore, Power Saving Mode is recommended for the camera's operation. Continuous Working Mode is only used for special hours by Smart Management.

Question 2: Why the camera cannot be added?

Reason 1: Please make sure the camera has been reset. Please press the Reset button to set it again. The camera has been reset successfully if you hear a prompt tone.

Reason 2: Some cameras only support Wi-Fi 2.4GHz router. Please check your Wi-Fi router for more information. If your Wi-Fi router is 5GHz, please check whether it supports both 2.4/5GHz modes.

Reason 3: Please confirm that the camera hasn't been bound by other accounts.

Question 3: Why the camera cannot be connected very well?

Reason: The camera is installed far away from the Wi-Fi router. And the wireless Wi-Fi signal is so weak that no connections. Please check the wireless Wi-Fi signal by your mobile phone before installation.

Question 4: Why is the video recording intermittent?

Answers: The solar camera will work only when PIR sensor detect invaded human body motion. That's why the video recording are not continuous.

Question 5: Why is the camera disconnected?

Answers: Please check whether the Wi-Fi router or the power adapter is disconnected? If they are connected correctly, please restart camera or delete the camera on APP and try to reconnect the camera.

Question 6: Why is the camera displayed Offline on APP interface?

Answers: The low-power solar camera will be keep offline if there aren't any invasions being detected by PIR sensor. Therefore, it is normal if your added camera displayed Offline status on your Tuya Smart APP interface for power saving. It will work again soon after the PIR sensor detect anything. And it will be offline in around 15 seconds if no invasion again.

Question 7: How many users can access an account at the same time?

Answers: The added device can be shared to 20 users totally. But a same device can support 3 users to view live videos at the same time for fluent video stream.

Question 8: Why can't my memory card be recognized?

Answers: Please check whether the memory card meet the quality requirements or not. And brand Micro SD card is recommended to you for local storage. Or please check whether your Micro SD card inserted correctly or not.

Question 9: Why is the video playback timeline blank?

Reason 1 & Solutions: The video cannot be replayed if the cloud service has been expired. And the video cannot be recorded if there is no memory card inserted into the camera.

If the TF card can work correctly, but the video recording file disappeared, please check the Micro SD card status by clicking the button "Storage management".

If the memory card is working normally in the application but no video has been recorded, please format the memory card. If it still cannot be used, please replace it with a new Micro SD card and try again.

Reason 2 & Solutions: There aren't any invasion detected by PIR sensor. And the camera is offline by setting up to be Power Saving working mode.

Question 10: Why cannot read the wireless network name after connecting to devices?

Solutions: Connect iOS or Android devices to Wi-Fi network through configuration, and then add the camera, which can help to read the network name automatically.

Question 11: Why can't I switch to another account to configure the camera Wi-Fi?

Solutions: The camera can only be bound to one main user's account, and other accounts can only be viewed as shared and authorized users. Please delete the camera on APP interface at first if other accounts need to reconfigure the camera as the main user.

Question 12: How to connect my camera to other Wi-Fi router?

Solutions: Please try to reset your device when the camera is removed to another location and it display "Offline". And then add Wi-Fi again.

Question 13: Why no alarm messages sent to my smart phone?

Solution 1: Please ensure the Tuya Smart APP has the right to receive alarm message on the Notifications of Settings on your smart phone.

Solution 2: Please ensure the Detection Alarm Setting is ON at your Tuya Smart APP.

Solution 3: Please ensure the PIR mode is ON at your Tuya Smart APP.





Precautions!

13.1 Precautions

Precautions 1: The User's Manual is only for reference. And the above screenshots of Tuya Smart APP interface are based on Android smart phones. It may be a little different from iPhone or iOS tablets. Please adhere to your actual product while using it.

Precautions 2: If there are any software or APP upgrades without notice, please do it according to updated instructions.

Precautions 3: PIR sensor is sensitive to thermal disturbance. Please pay more attention to the below precautions while installing the camera:

- ① Please don't install the PIR camera in the place where the air is flowing too strongly, such as air conditioner outlet, other device's cooling outlet, fans outlet, or nearby curtains.
- ② Please don't install the PIR camera by facing glass or mirror to avoid reflection of light.
- ③ The solar camera should be installed at the height of 3 to 6 meters or 10 to 20 feet.
- ④ Please don't install the solar camera inversely.

Precautions 4: The camera is powered by rechargeable polymer lithium batteries and recharged by 10W solar panel. In order to avoid no power, please pay more attentions to the precautions as below:

- ① Please set Working Mode as Power Saving Mode.
- ② Please set PIR mode as Low Sensitivity Mode in the place where there are huge human motions and traffics.
- ③ If there are no power, please charge the batteries by picking up the camera and charge the device by 5V USB adapter in around 10 hours.

Precautions 5: Please make sure the Wi-Fi wireless signal is stable when installing the camera. Please check it by your smart mobile phone. If the Wi-Fi wireless signals are not stable or no Wi-Fi signals, please change the installation position or move your Wi-Fi router nearby the solar camera.

Precautions 6: The camera is a kind of low-power device. It will change into standby status automatically after video recording for a while. And it may be display Offline and no waking up on APP interface if without any motions or invasions for a long time. If so, Tap-to-Run is recommended to you to resolve the issue. Please turn to the Part of Tap-to-Run and Automation.

Precautions 7: If you have any problems while using the camera, please contact UMOVAL Customer Service Team for supports.

Precautions 8: We have tried our best to ensure the completeness and accuracy of contents in the instructions. However, there may be some data without being listed. Please refer to UMOVAL customer supports if there is any deviations or questions from you.

13.2 Warranty & Customer Supports



UMOVAL is a trustable company and we will sincerely do customer supports for all of customers if there are any quality issues during the usages of the camera within the limited warranty period in 12 months since your order date



Our customer support email address is as below:

service@umoval.com

Welcome to contact us by email if there are any issues or inquiries!



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 interference received, including interference that may cause undesired operation.



Any 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:

- 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.

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Model No.:

UM-Q6-WiFi	UM-Q8-WiFi-BK	UM-Q10-WiFi-WH
UM-Q6-WiFi-BK	UM-Q8-WiFi-WH	UM-Q11-WiFi-BK
UM-Q6-WiFi-WH	UM-Q9-WiFi-BK	UM-Q11-WiFi-WH
UM-Q7-WiFi-BK	UM-Q9-WiFi-WH	UM-Q12-WiFi-BK
UM-Q7-WiFi-WH	UM-Q10-WiFi-BK	UM-Q12-WiFi-WH