User Manual

Smart Battery powered IP Camera

DIRECTORY

❶ Though we apply all efforts to make the manual complete and accurate, there could still be some discrepancies due to products' timely update.

❷ The products and manual are subject to change without previous notification.

❸ The content in this manual is only for reference. We don't promise the accessories or App are exactly the same with you received. Detailed information is in accordance with the final products.

❹ Should you meet any challenges or issues in operating the camera, please do not hesitate reaching out us for assistance. We always responsive to any questions.

Contact us   www.ckkcamera.com

E-mail: ckkcamera @126. com
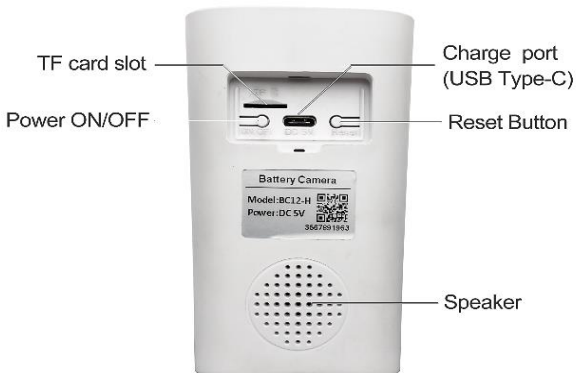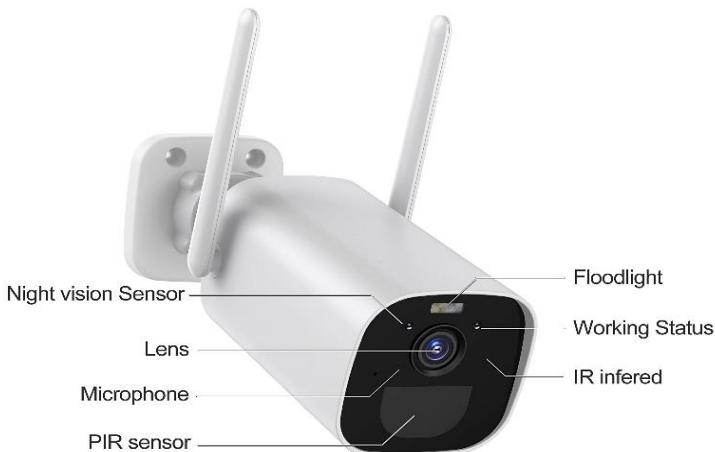
1 Please read the manual carefully and operation in accordance with the instructions.

2 Please do not transform or modify the product, do not open the case or disassemble the product.

3 Please use the product under its standard working temperature and humidity, extra-high temperature and humidity will reduce battery performance and lead to camera drop line.

4 Malfunctions or damages due to bracket failures (storage in hot and humid places, battery leakage, etc.) or improper protection, we assume no responsibility.

5 The camera is IP66 weatherproof, it' s better to install the battery camera in a shaded area (such as under eaves) to prevent any possibility of accelerated wear and tear the element. Please noticed IP66 rate won't allow soak into water or stay under heavily rain for long time.

6 Please turn off the device before insert micro SD card. Please setup camera and test camera well before installation.

1. Camera structure

Night vision Sensor

Floodlight

Lens

Working Status

Microphone

IR infered

PIR sensor

TF card slot

Charge port
(USB Type-C)

Power ON/OFF

Reset Button

Battery Camera

Model:BC12-H
Power:DC 5V
3667891963

Speaker

2. Camera button and indicator

Power Button	Press and hold the button for 3 seconds to turn on/off the device.
Reset-Button	Press and hold the button for 3 seconds to reset the device.
Indicator status	
Constant green	Alarm activated
Constant red	Remote view
OFF	Power OFF or standby status
Flashes red	Waiting for WiFi pairing

3. Specification

Camera	
Camera Image sensor	3MP Color Sensor,1/3CMOS
Image resolution	3MP (2304*1296) & (640*480)
Audio Input/output	Built-in microphone and speaker
Lens	2.8 mm
Angle of view	120 degree
Floodlight	Color picture, up to 15 meters
IR distance	Black&White, up to 20 meters
Alarm trigger	PIR Intelligent motion detection

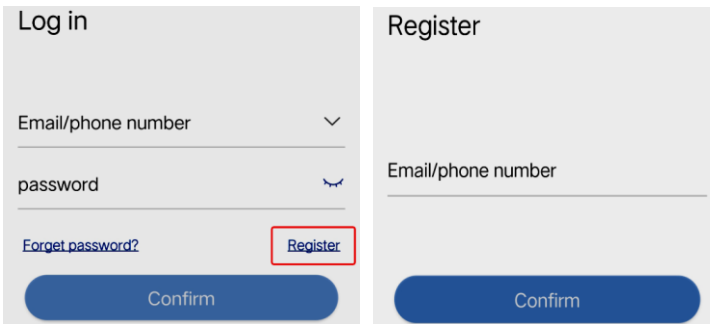| PIR detect distance	15 meters
PIR detect angle	120 degree
Video compression	H.265
Frame rate	15fps
Network	
Wireless	2.4G WIFI(IEEE802.11b/g/n)
Protocol	N1, Not support ONVIF
Battery	
Battery	10400mA, rechargeable
Standby consumption	500uA
Work consumption	220mA
Standby time	10 months
Working time	4 months (assumed 15 times wake up per day)
General	
Operating temperature	-40C° to 50C°
Power supply	Optional DC 5V 1A/2A
Storage	Micro SD card (Up to 128G)
Waterproof	IP66

Configuration on Phone App

1. Download APP

You can scan the QR-Code to download the free mobile app, or search "EseeCloud" in App store or Google Play.

Android Client Link   IOS Client Link

2. Create Account and Login

Register an account with your email address/phone number and password. A verification code will send via text after click "confirm", input the verified code, set username and password, tap "done".
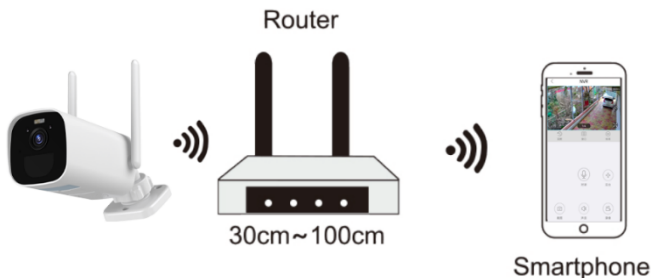

Log in

Email/phone number ⌄

password 👁

Forget password?   Register

Confirm

Register

Email/phone number

Confirm

3. Add device to phone app

3.1 Power and reset the camera

Step 1. Take the camera and smartphone close to the router (30 to 100 cm) and connect phone to the router's Wi-Fi, support 2.4GHz WiFi only

Step 2. Power the camera: uncover the rubber seal cover on camera bottom, press and hold the camera power button for 3 seconds to turn it on. If it doesn't turn on, please charging it with DC5V 1A/2A power adapter for 15 minutes to wake it up.
NOTE: DC5 1A/2A power adapter is not included

1 Power ON

2 Reset

Battery Camera
Model:BC12-H
Power:DC 5V
J687091963

3 Indicator flash red

Step 3. Reset camera: press and hold the camera reset button for about 3 seconds to reset it, release after hear the prompt "reset success" sound, and the indicator light blinks red when ready for configuring network.
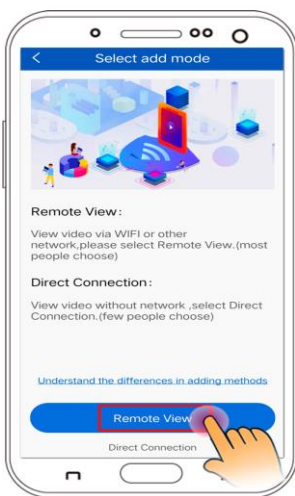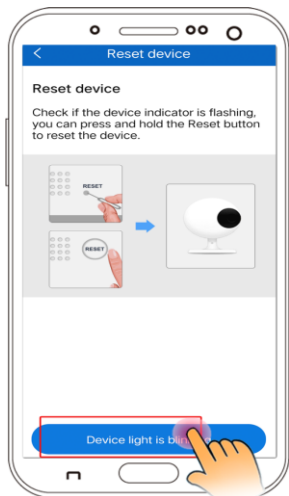
3.2. Wi-Fi wireless connection

Step 1. Add device on app: Run EseeCloud app on phone, tap"+" on screen and choose "Other ways to add" →"Add Battery Camera".
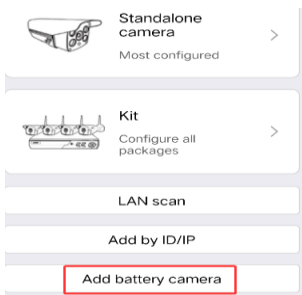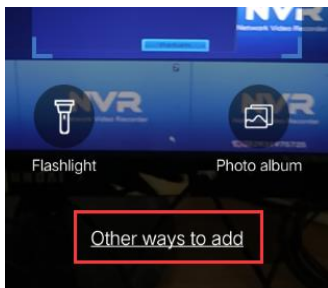
NOTE: If you use it for the first time, please do not use your phone to scan the QR code to add it.

Step 2. We powered and reset the camera on previous steps already, here we just click "device light is blinking" on below screens.

Step 3. Wi-Fi Setup: It auto identify your 2.4GHz wireless network name. Input your Wi-Fi password, make sure it's correct, then touch "Next"; Jump to "Operation guide", touch "Next".
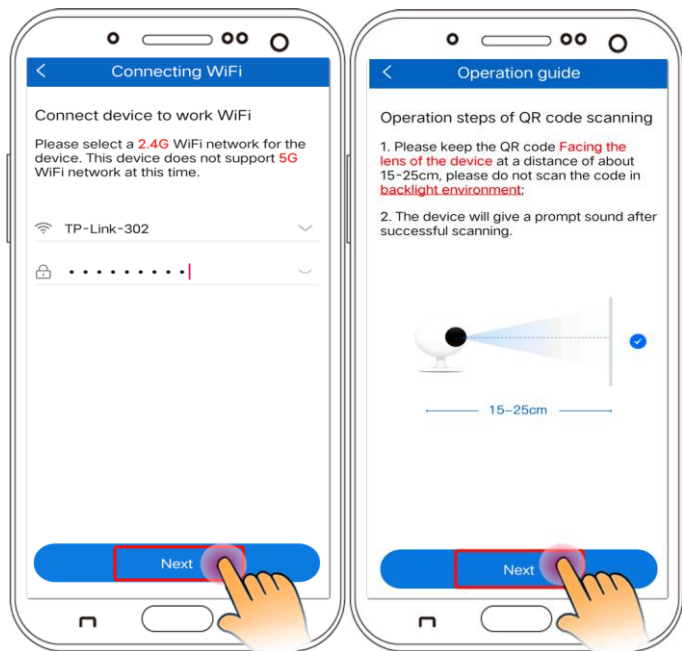
Step 4. At the "Scan QR Code " interface Put the QR code in front of the Camera lens about 15 cm (5.9 inches). After the camera recognizes the QR code, it makes "scan QR code success" sound. Then tap "Prompt tone heard" on phone.

About 15cm(5.9 inches)
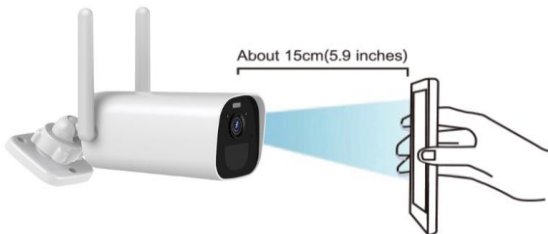
Step 5. Camera is connecting to network, waiting the bar update to 100% to finish connection. Set your device name and password.

Device connected

Connecting ...

1. Router, mobile phone, camera are as close as possible;

2. The connection process takes about 1~2 minutes. Do not disconnect it from the network.

98%

○ Connect the device to WiFi

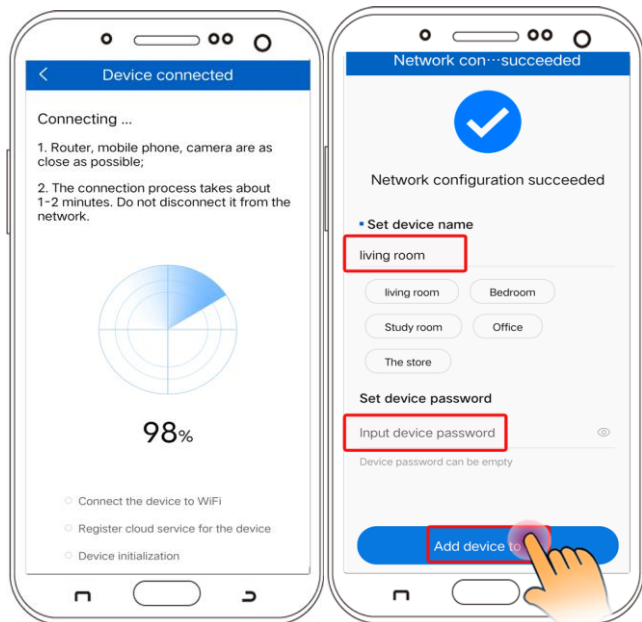○ Register cloud service for the device

○ Device initialization

Network con···succeeded

Network configuration succeeded

▪ Set device name

living room

living room	Bedroom
Study room	Office
The store	

Set device password

Input device password

Device password can be empty

Add device to

Step 6. When the status shows "online", you can click the image to play the video.
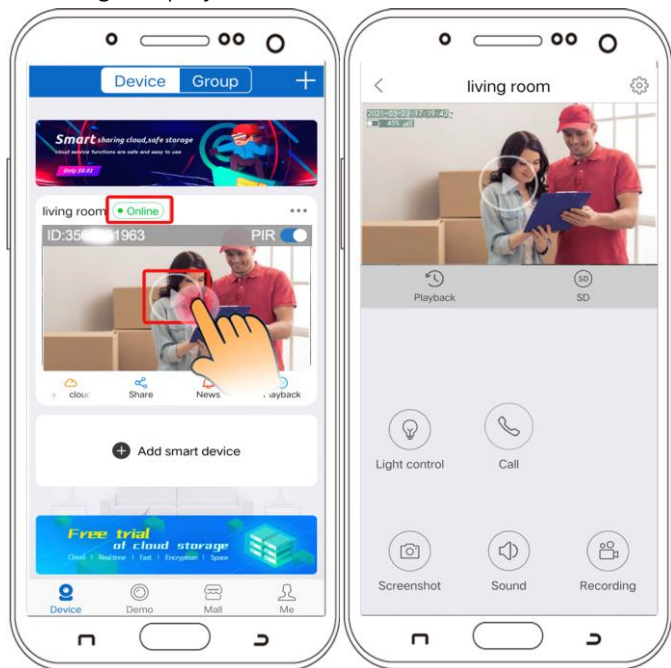
NOTE:
❶ Camera send notifications when motion detected, but save recording only when equipped with storage capacity. Please insert Micro SD card or purchase cloud service on App to save the video.
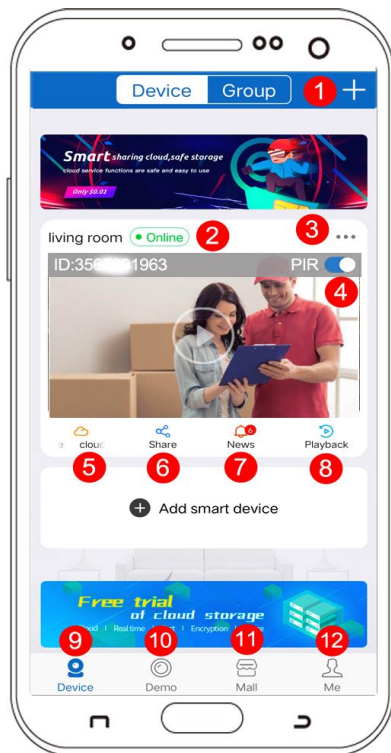❷ Configuration is finished, the camera in standby status

when not watching video or no motion detected and the indicator off.

❸ If need switch Wi-Fi network, require to reset the camera and re-setup. If you reset the camera after setup, the camera will disconnect with network.

4. EseeCloud APP Menu

1. Add camera
2. Working status
3. Setting
4. Body detection: Default at "ON"
5. Cloud storage service
6. Share device
7. Alarm information icon: A red dot on the icon indicates that alarm triggered. Tap the icon to display the recorded screenshot or video.
8. Playback
9. Device
10. Demo
11. Mail
12. Me (Personal Center)
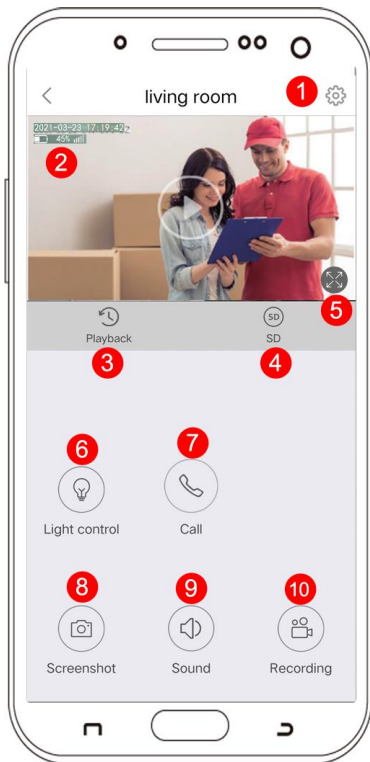
1. Setting （Alarm, SD card, etc）
2. Battery and signal level
3. Playback
4. SD/HD resolution
5. Full screen display
6. Night vision mode
7. Intercom
8. Screenshot
9. Speaker on /off
10. Manually recording
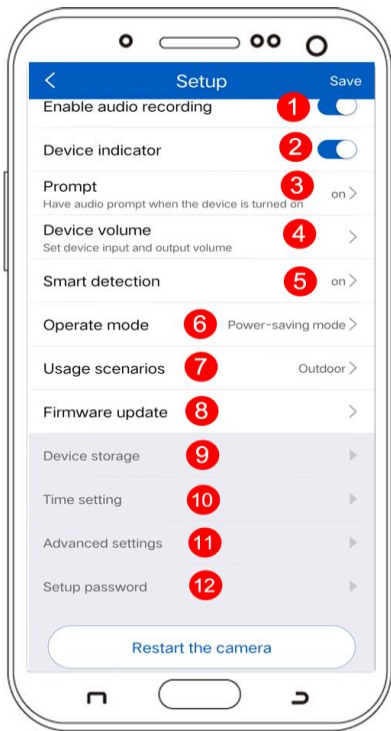
1. Enable audio record
2. Enable device indicator
3. Enable prompt voice
4. Adjust the sound
5. Alarm setup
7. Select working mode
8. Firmware update
9. Device storage
10.Time setting
11.Night vision setup
1) Infrared：picture Black&White at night
2) Full color：color picture at night
12. setup password

6. Select working mode：

1) constant power mode：After the camera is connected to the power supply, it will keep recording.

2) battery low power consumption mode： Only record when it detects human or big animal, keep recording if they are always here.

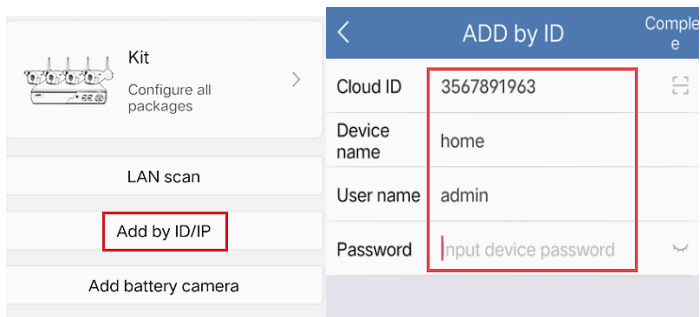3) power-saving mode：Record only when it was triggered, only last 10 seconds.

❶ Sign up new account

Download EseeCloud App on family's phone, sign up and login with new account.

❷ Add device

Run EseeCloud app on phone, tap"+" on screen and choose"Other ways to add" ➔"Add Battery Camera".

Kit	
Configure all packages	>

LAN scan

Add by ID/IP

Add battery camera

<	ADD by ID	Complete
Cloud ID	3567891963	
Device name	home	
User name	admin	
Password	Input device password	

More Features About Battery Camera

2. Motion Detection Alarm

The battery camera with PIR sensor not designed for 7x24 hours recording, it realizes security purpose by pushing alarm notifications to phone and record video when motion events detected, you can replay recordings anytime via EseeCloud APP.

The phone is enabled to receive alarm notifications by default. If not, please check according to the following steps：

❶ Enable "PIR".

❷ Tap "⋯" will pop a window, enable the "Alarm push".
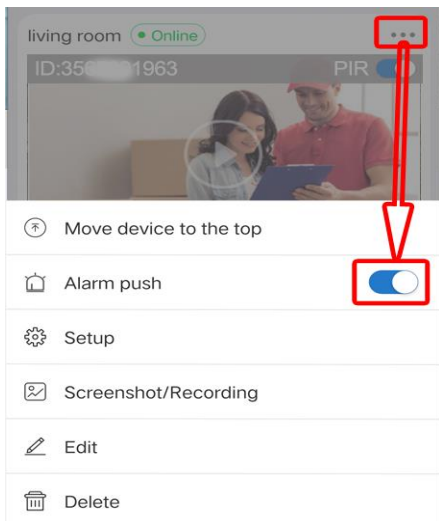
❸ Enter "setup" →"Smart detection" →enable "Smart detection" and "Push notification".

Setup

Enable audio recording	⬤▶
Device indicator	⬤▶
Prompt Have audio prompt when the device is turned on	on >
Device volume Set device input and output volume	>
Smart detection	on >
Operate mode	Power-saving mode >
Usage scenarios	Outdoor >
Firmware update	>
Device storage	▶
Time setting	▶
Advanced settings	▶

Smart detection

Smart detection	⬤▶

Humanoid and human face setting detection

Humanoid detection alarm When a humanoid is detected, an alarm message is generated	⬤▶
Face detection alarm When a human face is detected, an alarm message is generated	⬤▶

Motion detection

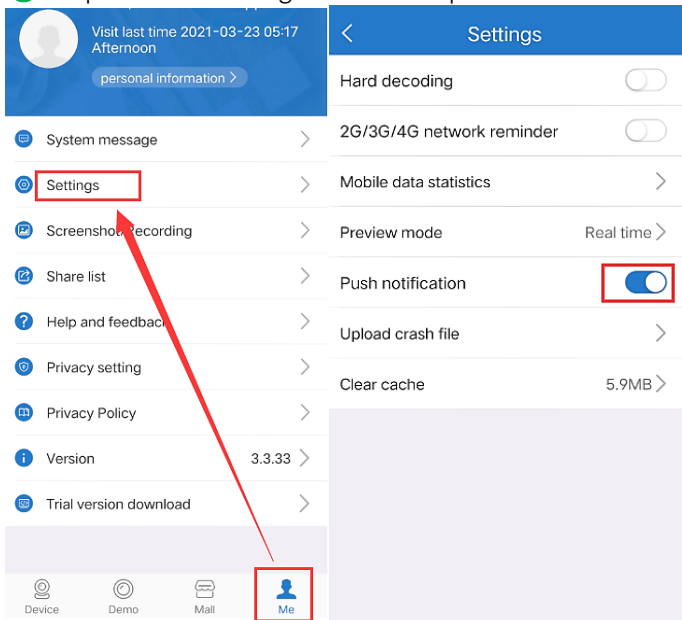|	
Motion detection sensitivity	High >

Recording

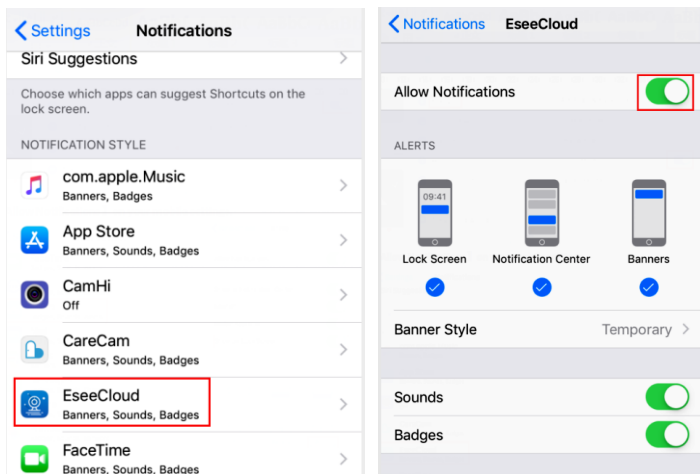|	
Smart detection recording Automatic video recording when a moving object is detected	⬤▶
Smart detection of recording duration	10 sec >

Alarm Settings

Push notification Trigger an alarm when a moving object is detected	⬤▶

④ Tap "me" →"settings" →enable "push notification".

Settings panel (left):

Visit last time 2021-03-23 05:17 Afternoon

personal information >

- System message >
- Settings >
- Screenshot Recording >
- Share list >
- Help and feedback >
- Privacy setting >
- Privacy Policy >
- Version 3.3.33 >
- Trial version download >

Device | Demo | Mall | Me

Settings screen (right):

Settings

- Hard decoding
- 2G/3G/4G network reminder
- Mobile data statistics >
- Preview mode Real time >
- Push notification
- Upload crash file >
- Clear cache 5.9MB >

❺ Enable【Allow Notifications】on your mobile settings.

The above 5 points are set, when the camera triggers an alarm, it will push a message to the mobile APP, click "News" to view the detailed information
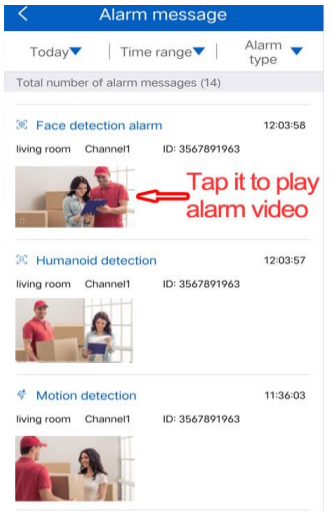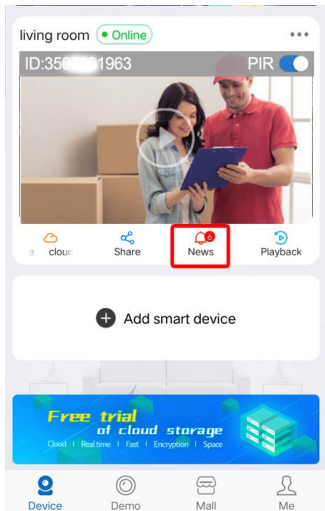
3. Video Storage and Replay

(1) Video recording save to the Micro SD card or cloud service (Need subscription fee). Micro SD card default not included in the package.

(2) Micro SD card support up to 128 GB. To ensure the recognition rate and SD card quality, we recommend Class 10 Speed Micro SD Card.

(3) Please format Micro SD card before insert it into the camera, support FAT32 or exFAT format only.

(4) Please insert SD card when power off camera. It shows storage capacity on EseeCloud app when SD card

recognized.

4. Battery Management and Recharge

(1) Battery management

The camera built-in 10400mAh 18650 lithium battery, theoretical battery life 60-90Days is assumed camera wakes up 15 times per day and watching 5 Minutes of playback. If your battery capacity drain too fast, may because the camera wakes up very frequent. It is recommended to lower the Sensitivity of "Body Detection" occasionally turn it off.

(2) Power adapter recharge

  You can charge the camera with the DC 5V/ 1A or 2A Adapter, the power adapter isn't included in package. Charge lamp light green while charging and turns off when 100% full charged.

(3) Solar panel recharge

The battery camera support charging with CKK solar panel. Please do not use others solar panel to charge it. Solar panel charging isn't efficient as electricity, but still can meet most of the security needs. Please make sure the solar panel well connected and get direct strong sunlight.

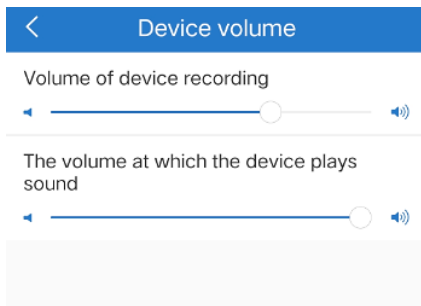## 5.Two-way Talk and Volume Control

(1) Tap live stream frame the "Sound" button show up, tap it to Mute/On sound.

Tap the "Call" button to talk to camera scene, with sound on you can hear back.
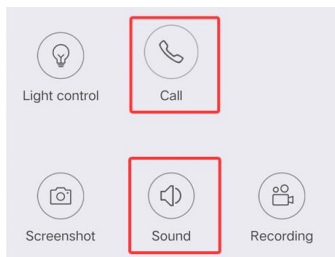
(2) Volume Control

Adjust Volume from Settings > device Volume, default volume at 70

1. Solar panel Installation

The Northern Hemisphere   The Ideal Angle = The Local Latitude + 5°   The Southern Hemisphere
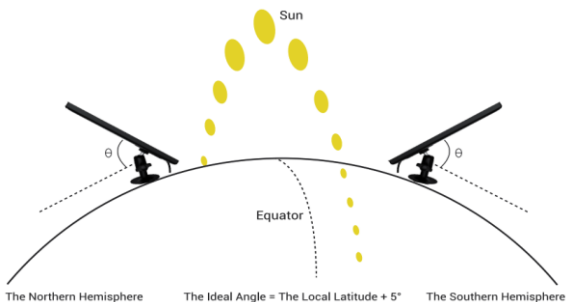
1 Please select a position with the most sunlight throughout the year for your solar panel.

2 Mount the bracket.

3 Slot the solar panel into the bracket.

4 Loosen the adjust control on the bracket and adjust the angle of solar panel to make it receive direct sunlight, and then retighten it.

loose   tight

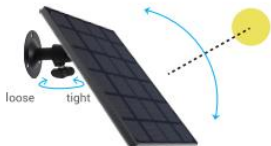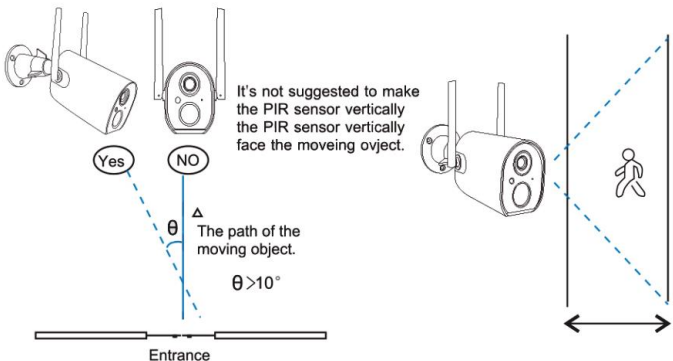## 2. Camera Installation

❶ Full charge camera before installation. It takes 4 Hours to get full charged with 5V 2A Charger (Not included).

❷ Please take the camera to the position you want to install, and then play the video to see if it is smooth. If not, move it closer to the router.

❸ Use the electric drill to drill holes in the wall, fix the bracket base with screws.

❹ Then rotate the bracket wing clockwise to install the camera. And rotate the bracket wing counterclockwise to remove the camera when necessary.

❺ When installing the camera, the PIR sensor should not be vertically aligned with the moving objects, as it may not sensitive to movement. It is recommending that the camera be tilted more than 10 degrees to capture motions.

It's not suggested to make the PIR sensor vertically the PIR sensor vertically face the moveing ovject.

Yes   NO

θ   The path of the moving object.

θ>10°

Entrance

3.Tips to Reduce False Alarms

● Do not install the camera in a place directly facing bright objects or light source, including sunshine, bright lamp lights, etc.

● Please do not install the camera in the place where the vehicles and personnel frequently go in and out.

● A large number of data results show that the camera can detect people and vehicles within a distance of 15 meters (55 feet).

● Keep the camera away from outlets such as air conditioning vents, humidifier, heat transfer openings of projectors etc.

● Do not leave the camera facing the mirror.

● Keep the camera at least 1 meter away from wireless devices to avoid wireless interference.

● Please make sure there are no obstacles within 3 meters in front of the lens.

VII. Troubleshooting

1. Unsuccessful network configuration

●Note that the camera cannot support 5G Wi-Fi.

●Make sure camera and mobile phone are near the router.

●Check that the router name and password are correct.

●Check that the Wi-Fi network is normal.

●Make sure camera has been reset, the indicator is blinking red.

2.   Device is offline

●Check that the Wi-Fi network is normal.

●Check if the camera battery is exhausted, you can try to plug in the power and try again.

●Reset camera and configuration again.

3.   No recording

●Make sure the memory card has been installed or turn on cloud service.

●Please check the SD card is normal? if it is abnormal, try to format the SD card or try to replace it.

●Make sure PIR function is turn on.

●Make sure "setup" →"Smart detection" →enable " Smart detection recording".

4.   NO push notification

●Make sure the APP has notification permissions.

●Enable Alarm function and checked "push notification" on mobile APP.

●Make sure has enable alarm function.

●Check if the camera can be remote view.

5.   Alarm picture without persons

●The camera needs time to wake up and people are moving too fast.

● Some objects with dissipative heat may be detected by PIR, and it is recommended to lower the sensitivity of the PIR alarm

6. Frequent alarm

● Adjust the camera alarm sensitivity to "low".

● Try adjusting the camera to another angle.

VIII.   FAQ

1. Why does the battery run out quickly?

● Please check if there are many alarm triggers every day. If yes, please try to lower the sensitivity or adjusting the camera to another angle.

● Please check if the Wi-Fi signal between the camera and the router is weak.

● Do you often remote the camera?

2. What should I do if I forget my password?

● If you have forgot the login password of the APP account, please reset the password through the "forgot password" option in the login interface ad instructed.

● If you have forgot the password of the camera, please reset the camera and configure it again.

3. Can I use a computer to remote access?

   No, only support Smart phone now.

4. How to paired the camera to NVR recorder?

●First reset the camera: press and hold the reset button of the camera for 3 seconds, the camera prompts "resetting successful", and a flashing red indicator light indicates that the reset is successful.

●Take the camera near the NVR and operate on the local NVR: Right-click the mouse, and then click "Wireless Add" after the pop-up menu. After a while, the NVR will automatically add the camera.
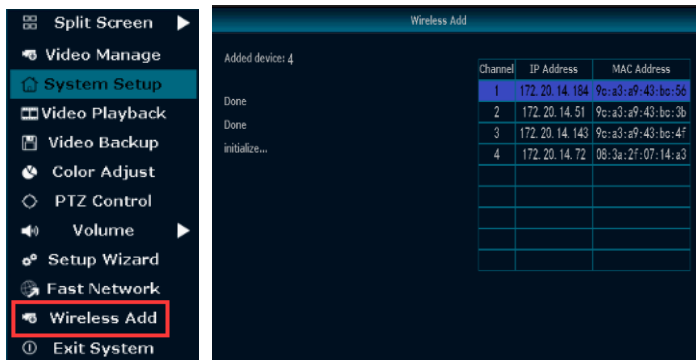
Note：

●After the battery camera is added to the NVR system, the mobile phone cannot directly remote the camera, but through the remote NVR to see the screen from battery camera.

●Because the camera cannot be remotely controlled directly, the camera cannot be set up either.

5. After-sales support

Thanks for your trust to purchase security camera system from CKK, we always place customers' needs as our top priority.
You can go to our official website to learn more about the operation of the product, if you still have any questions, share us the camera model, order number, and the specific cause of the failure in as much detail as possible, so that we can analyze and solve the problem for you more quickly and accurately.

For any questions, please contact us:
Email：ckkcamera@126.com

www.ckkcamera.com

Contact US for Extra Gift

CE FC RoHS ♲ 🚮 ♲PAP

Made in China