WiFi Mini Camera

Quick Guide

■ Before using the camera for the first time, read "Important Notes" and " Setup Camera and Connect to WiFi".

■ Service Email: **service@kinetcam.com**

■ **FREE** Tech Support Tel:**+1 866-865-8676** (Service Time:Mon-Fri 9 AM-5 PM (PST)

■ Camera setup video tutorial: https://kinetcam.com/set-up-video/

Model: CAM-A
Manufacturer:YIZHANZHAOMING SHENZHEN YOUXIANGONGSI
Address: 201 Bldg D, Taiyufeng FTY, Dalang St, Longhua Dist, Shenzhen, Guangdong, China

MADE IN CHINA

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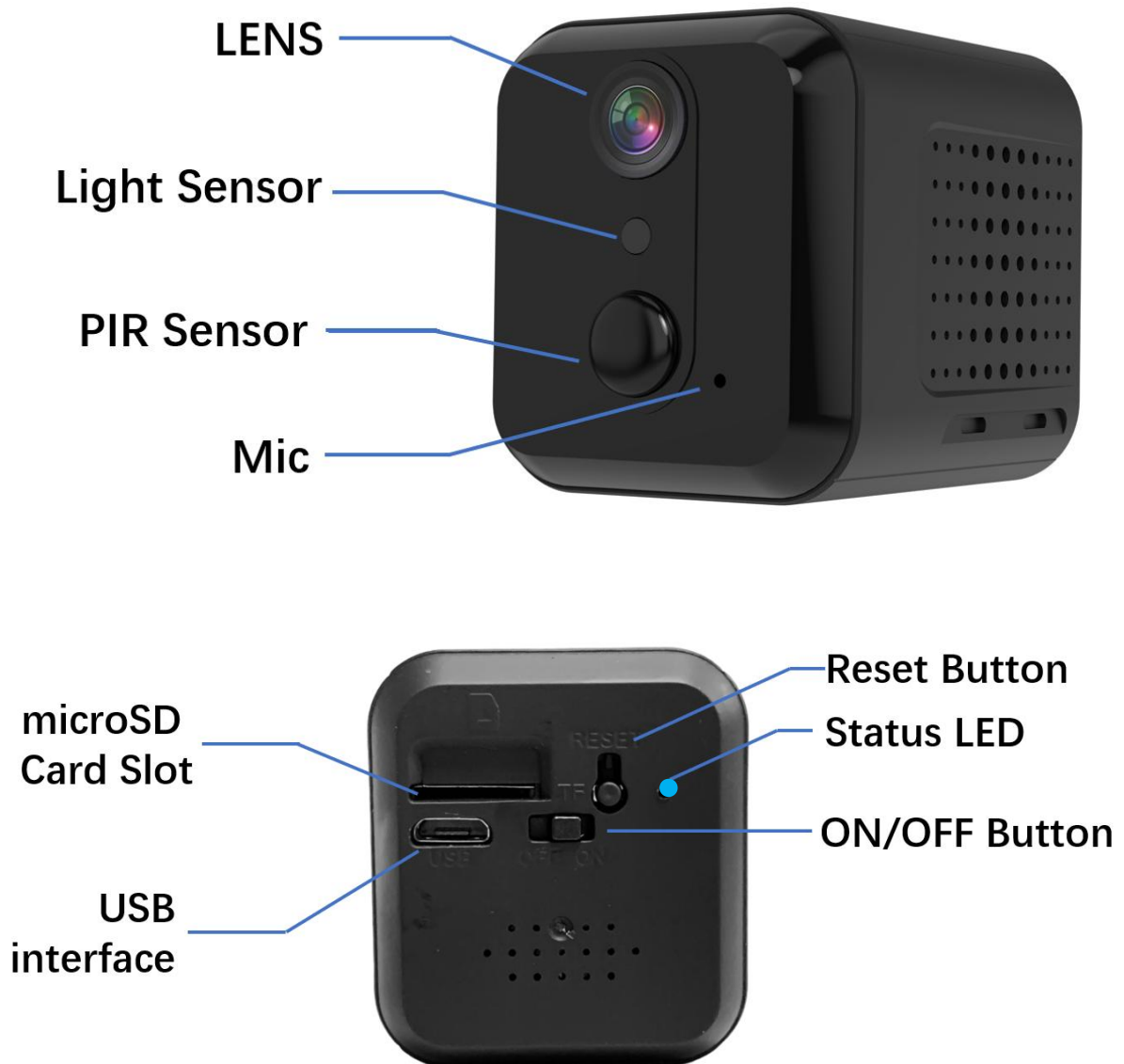
⚠️Important Notes:

1. **Before using the camera for the first time**, connect the camera to a standard USB power adapter (5V1A or 5V2A) using a USB cable to charge the battery for at least 6 hours.

2. **Before using the camera for the first time**, see Chapter 2 "Setting Up Camera and Connecting to WiFi" to set up the camera".

3. WiFi performance of each camera has been tested before delivery. However, the WiFi antenna may get impacted during shipping. **If you have any weak WiFi performance problems on the camera** you receive, please contact us for a replacement.

5. **In night vision mode, be careful not to have objects too close to the lens**, so as not to block the infrared rays or reflect the infrared rays to the lens. Blocking or reflecting IR can severely degrade night vision image quality.

6. This mini camera uses external surfaces for heat dissipation. So if the camera is warm during running, it is not a cause for concern. The surface material is heat resistant up to 248°F, it is safe for running with warm. In addition, the material used is flame retardant.

Note

Online PDF available: https://kinetcam.com/set-up-manual
We update online PDF regularly to include latest features and tips.

1. Product Brief

LENS

Light Sensor

PIR Sensor

Mic

microSD
Card Slot

Reset Button

Status LED

ON/OFF Button

USB
interface

2. Setup Camera and Connect to WiFi

2.1 Preparations

▲Full charge the camera:

Before use, please full charge the camera for 6 hours.
Please use a 5V 1A (or 5V 2A) USB adapter (not included) to charge the camera.
When you see the LED light near by the USB interface is **only BLUE** (no red or no purple), the camera is full charged.

▲Before Start, Prepare WiFi information:

✓ The camera only supports 2.4GHz WiFi, but it can still work with 5GHz routers since they typically include a 2.4GHz bandwidth.
✓ Connect your smartphone to the WiFi network you want the camera to join.
✓ During the installation process, keep your smartphone and the camera close to your WiFi router, within 9 feet (3 meters). You can move the camera further away after installation.
✓ Make sure you have the correct WiFi password for the network.

2.2 Install the App for the Camera

Step1. Download App

Search "**kinetcam**" in the App Store (iPhone) or in Google Play (Android) to find and install the "KinetCam" App for free.
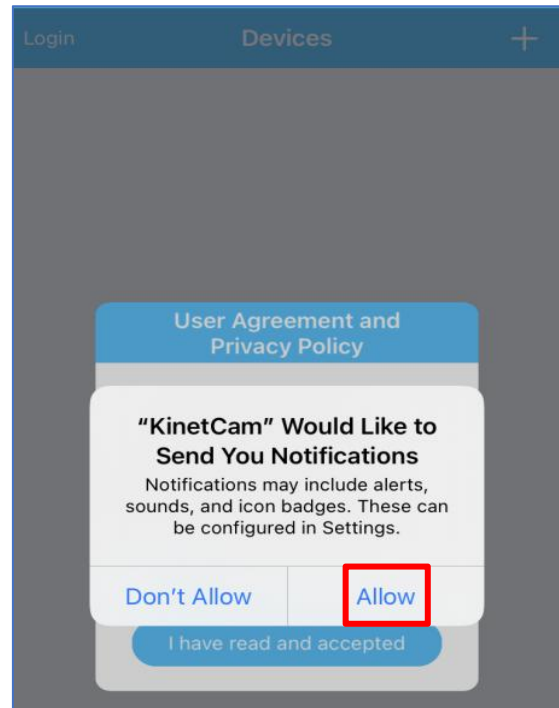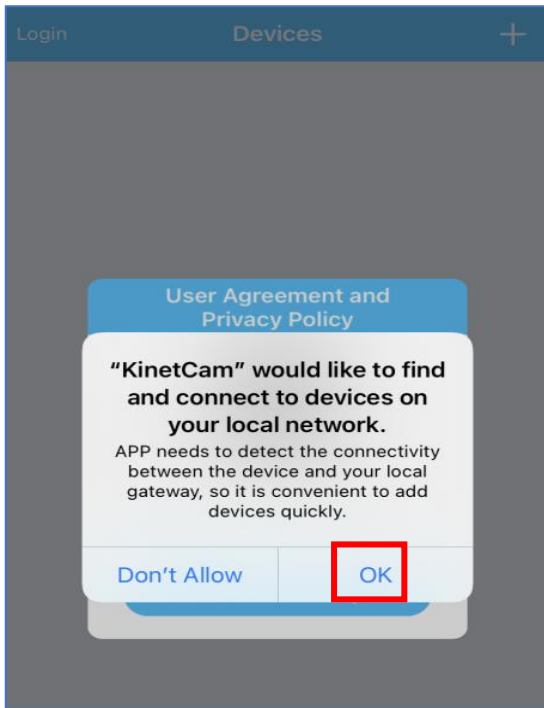

KinetCam App   **Available on App Store and Google Play**

### Step2. Set App Permissions

Launch KinetCam App. For first time running, the App **may** prompt

some permissions settings:

1. The phone will prompt **"KinetCam Would like to find and connect to devices on your local network"** >> Tap **"OK"**.
2. The phone will prompt **"KinetCam Would Like to Send You Notifications"** >> Tap **"Allow"**.


3. The phone will prompt **"Allow KinetCam to use your location"** >> Tap **"Allow While Using App"**.
4. The phone will prompt **"User Agreement and Privacy Policy"** >> Tap **"I have read and accepted"**.
5. The phone will prompt **"Click here to add device"** >> Tap **"I Know"**.
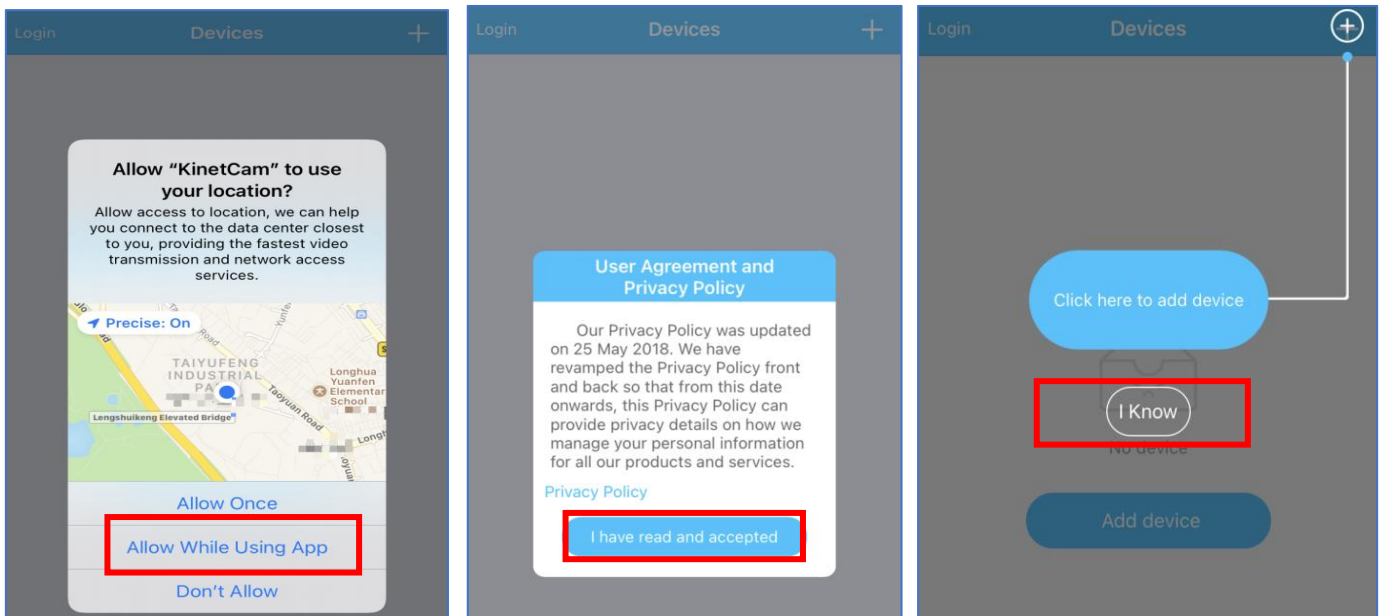
Step3. Register Account and Login App

Launch KinetCam App. The App will pop up Login Page. Tap the
"Register" in this page to register an App account.
If the App does not pop up the Login Page, go to "**Me**" page >> Tap the
"Login" in top.
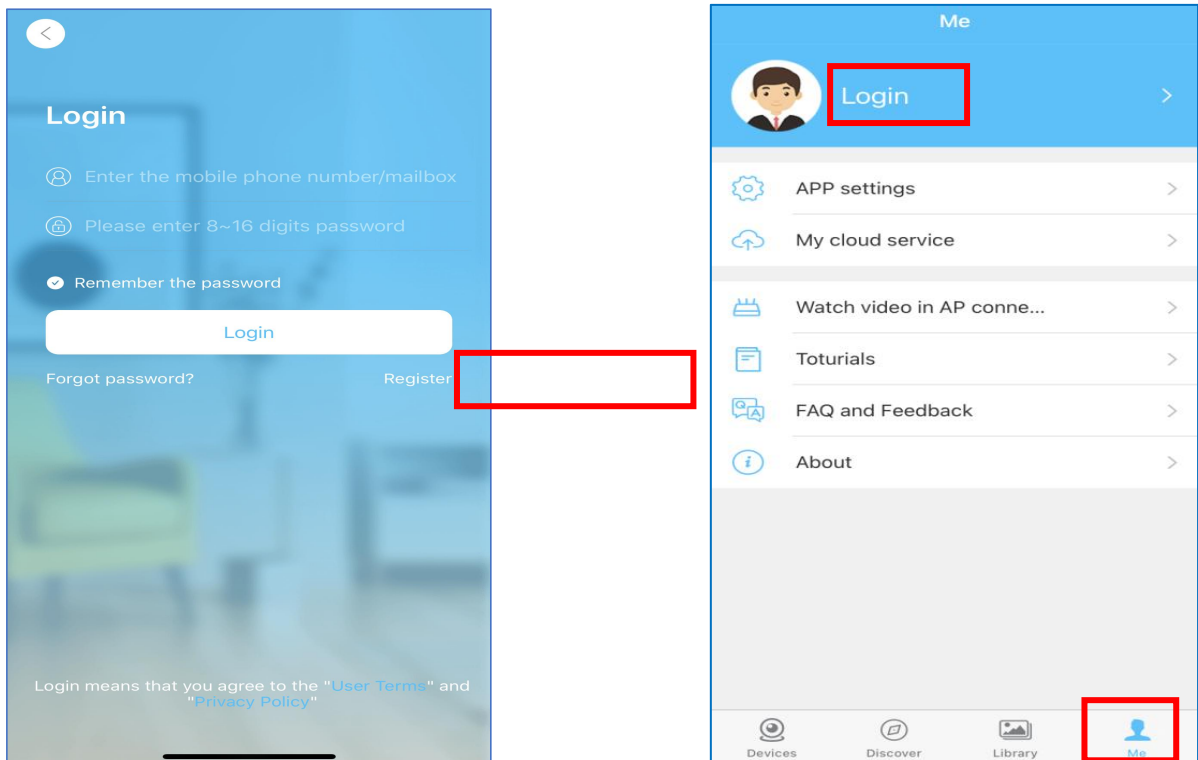
Input your Email, Get the Verify Code sent to your Email (If not, check the SPAM), Input a password and confirm it, your App account will be registered.

2.3 Turning on the Camera

Status LED
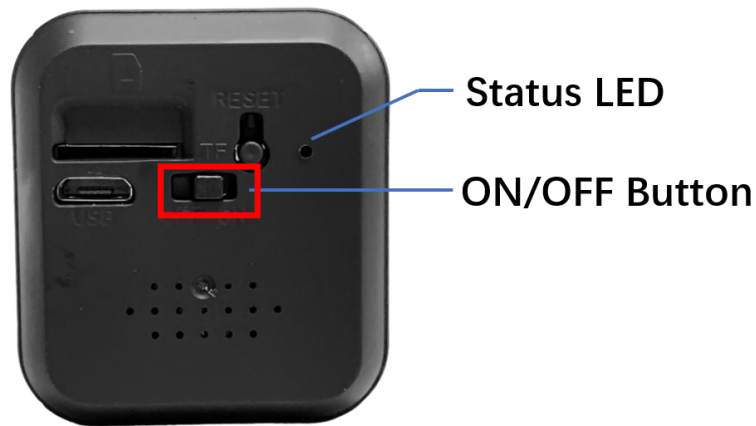
ON/OFF Button

(Make sure the camera has been full charged first. Remove the USB cable from the camera)

✓Set the ON/OFF button to ON, the camera will be powered on.

✓Wait for about **30 seconds**, you will see the **Status LED** (the LED near by ON/OFF button) is **flashing blue**. Now the camera is ready for setup.

Note:

- If the **Setup Status LED** is NOT flashing blue after waiting for 1 minute, reset the camera first. (See Chapter 4 **"Reset Camera"**.)

2.4 Setting Up the Camera

The camera support two setup methods. Here is the first way. The second way can be found in Chapter 2.5 **"Another Way to Setup Camera"**.

The First Setup Method:

(**Video tutorial available at** https://kinetcam.com/set-up-video/)

1. Check in phone WiFi settings, make sure the phone is connecting the WiFi you want the camera connect to.

2. Open the KINETCAM App. Tap the "+" in top right corner of Devices page. Tap **"WiFi Device"** then **"Scan Code Setup"**
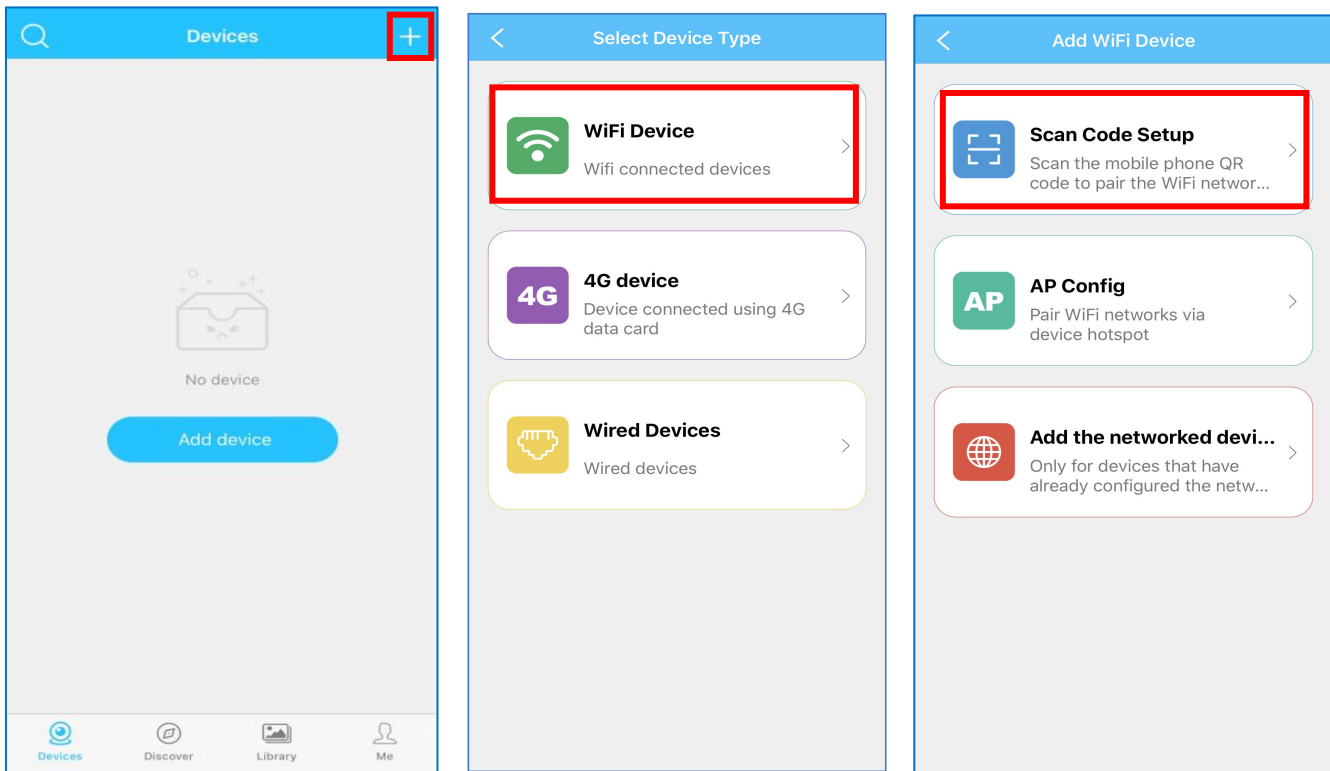
3. According to the prompts on the following pages below, tap **"Next"**.

NOTE: If there is any voice prompt from the App, please ignore it and follow the instructions provided in this manual.
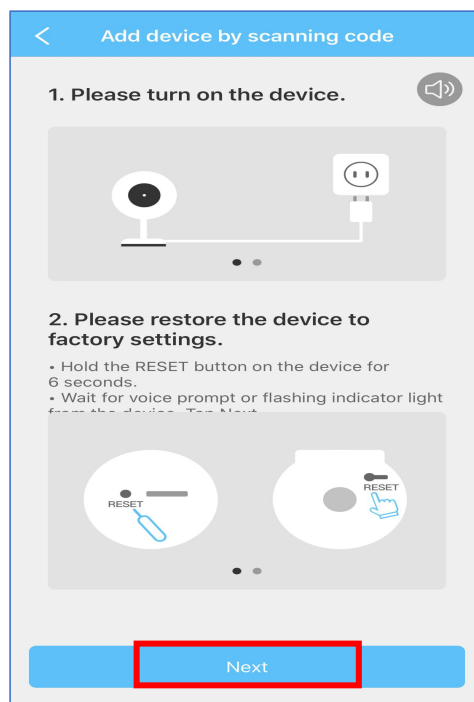
4. Confirm that the WiFi name shown here is the correct WiFi. Please note that the WiFi must be a 2.4GHz WiFi or a 2.4GHz/5GHz hybrid WiFi, and make sure the WiFi is **NOT** a Guest WiFi.
Input WiFi password and tap "**Next**". For the prompt "**Attention Please**", Tap "**Confirm**".
NOTE: Make sure the WiFi name is the target WiFi. If not, go to phone setting and choose the correct WiFi, then back to KinetCam App >> start again from beginning of Chapter 2.4 "**Setting up the Camera**".
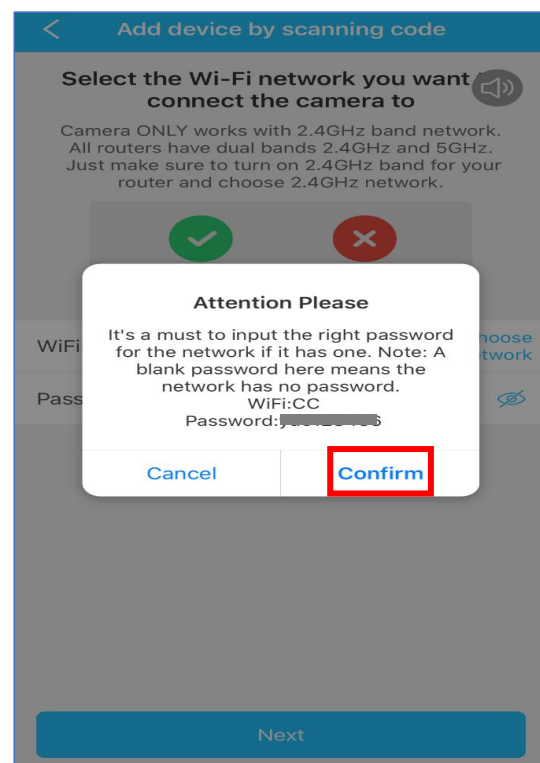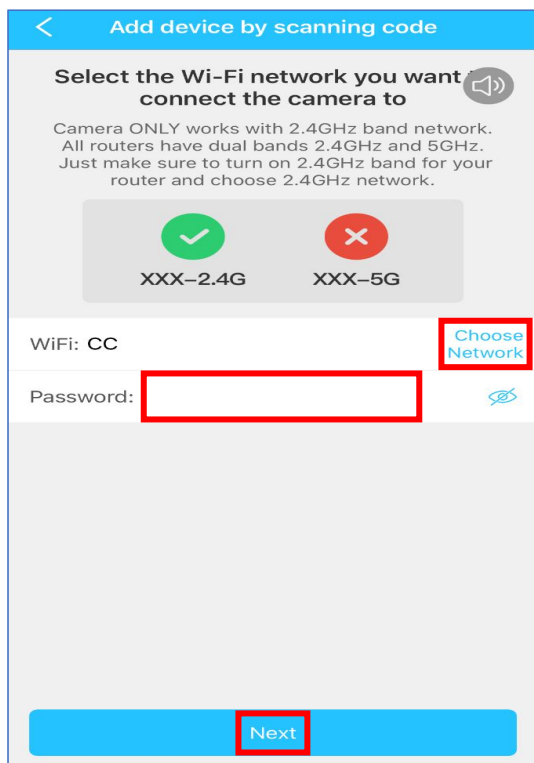
5. The App will show a QR Code on its screen. Let the camera lens face at phone screen to read the QR Code. Make Phone is 6~14 inches away from the camera lens.
Note: Place your phone flat on the table with the camera facing downward towards the QR code on the screen. This will reduce screen glare and allow for faster scanning and recognition.

At the same time, keep an eye on the **flashing blue** LED on the camera, when it becomes **Steady Blue**, the scan is successfully. You can stop letting camera scanning the code and just wait for several seconds.

Turn to **STEADY BLUE**

6. The App will start to find the camera, just wait for some seconds. Once app finds the camera, the app asks to set a name to the camera, and tap **"Next"**, **"Confirm"**, and **"Next"** one by one.
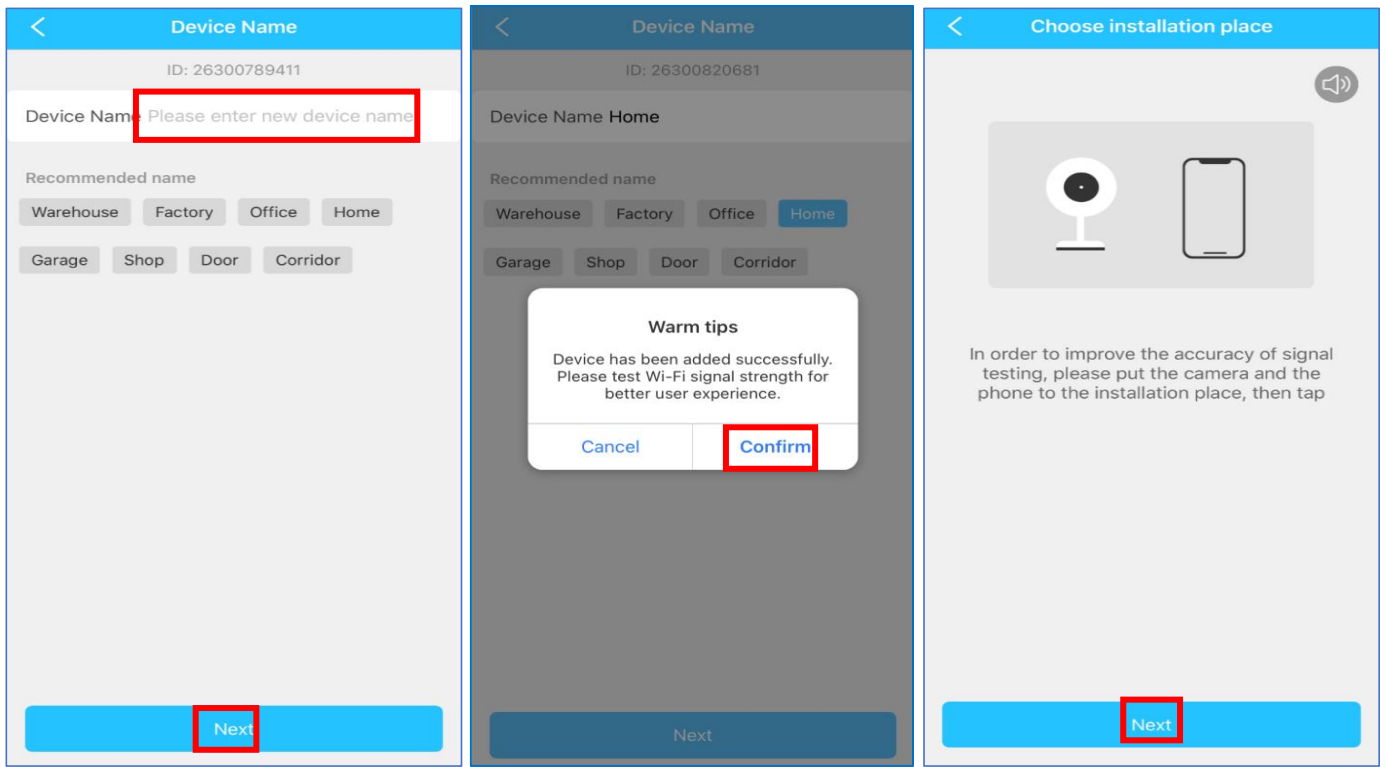
7. A Live Video will show up in the App. Tap "**Complete**". Now the camera has been setup to your WiFi and the camera has been added to your phone.
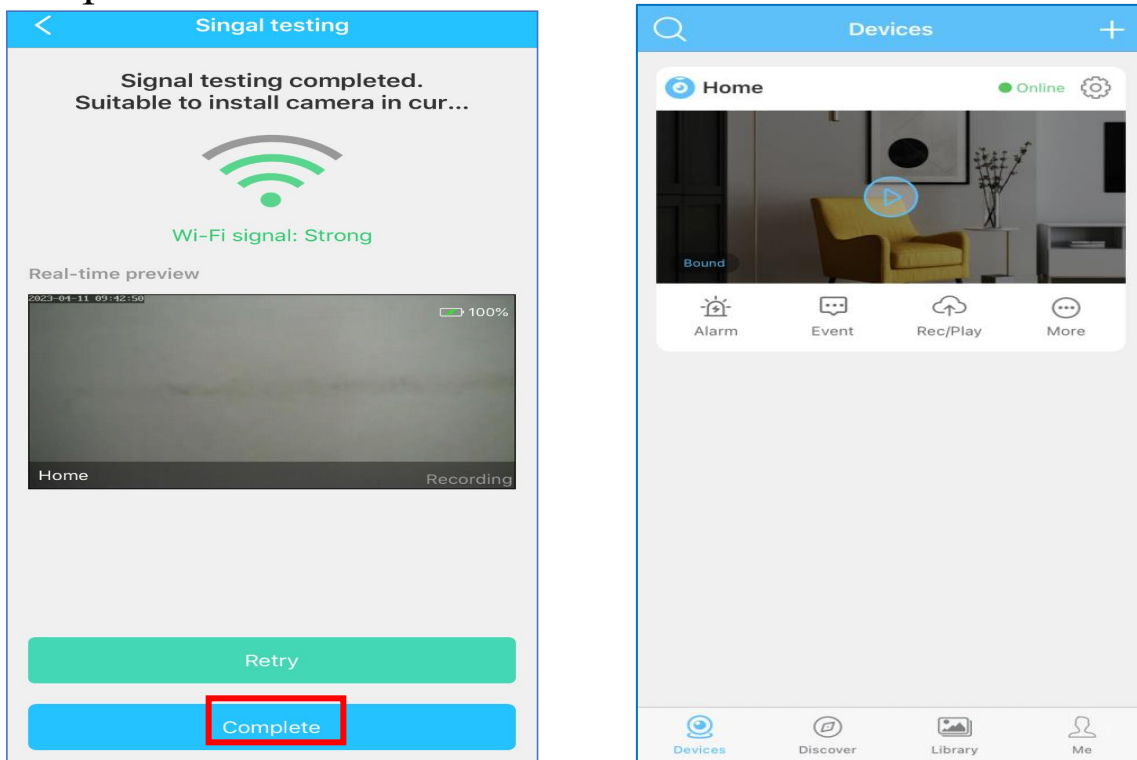
Note:

✓As long as your phone has internet access (either via WiFi or mobile data), you can access the camera video through the App, regardless of

whether you are at home, outside, or on the go.

✓Once the camera has been connected to your WiFi, if you turn off the camera, you only need to turn it on again (there is no need to set it up again). After you turn it on, the camera will automatically connect back to your WiFi. This process may take up to 1 minute.

Tips:
● Find a location with strong WiFi signal to place the camera. Weak WiFi signal of the placement location may cause your phone is difficult to connect to camera video.
● Please ensure that you have provided the correct WiFi password during the setup process. If the WiFi password is incorrect, you will notice that the green LED cannot become steady green.
● After camera setup has been completed, if you need to add the camera on the second phone or third phone, no need to run the camera setup again. Just check **Chapter 6**.

2.5 Another Way to Setup Camera

The camera supports two setup methods.
If the setup guide above cannot be completed in your case, please try the second way. Check guides and video tutorial for the 2nd method online by this link:
https://kinetcam.com/set-up-video

If you have any problems about camera setup, visit:
https://kinetcam.com/faq
Or contact our support:
TEL: +1 866-865-8676   **Email: service@kinetcam.com**

3. Battery, Recharge and Camera Standby Mode

3.1 Battery and Recharge

There is **2600mAh** rechargeable battery built in the camera.
A full charge can support the camera to standy by **120days**(only standby, **NO alarm detection**), or work for **45days** (assuming **10 alarm detection** triggered in one day for average. The actual working time may be less, depends on the workload.)

The camera can recharge its battery while it is connected to a USB power source.
The camera can keep recording even while it is charging.

Note 1: Fully charge the camera battery after you unpack the product.
Note 2: The built-in Li battery may need 3 times of full recharge cycle to active its full capacity. One full recharging cycle means full recharge battery then run out of the battery.
(Note: If you believe there may be a problem with the battery's capacity even after recharging it three times, please contact us for a check or replacement by sending an email to **service@kinetcam.com**)

To charge the camera battery:
✓Connect the camera using a USB cable to a power adapter. The camera battery will be charged and the **Status LED** (next to the USB port) is with **RED** (you may see it as **purple** as the blue LED also lit up).
✓It usually takes 6 hours for a full charge.
✓When fully charged, the Status LED will be **blue**.

3.2 Camera Working Modes and Standby Days

The camera offers three working modes, each with distinct

power-saving settings and standby durations.

Power Saving Mode

- This is the default mode when the camera is not connected to a power source.
- Standby duration: **45 days** (assuming 10 alarm detections daily).
- Alarm Detection is working in this mode.
- You can view live video or recordings at any time when the camera is in this mode.
- Note: More daily detections or longer recordings will reduce the standby duration.

Ultra Power Saving Mode

- Remote switch camera to OFF in app will turn camera into Ultra Power Saving Mode.
- Standby days: **120days**
- Alarm Detection is NOT working in this mode. The camera will NOT respond to motion.
- Before viewing live video, you must remotely switch ON the camera in the app.
- Note: Ultra Power Saving Mode is ideal for maximizing standby time when you only need to view live video as needed.

Full Working Mode

- When you connect the camera to a USB power source, it will switch to Full Working Mode automatically.
- The camera operates **24/7** in this mode.
- Alarm Detection is working in this mode.
- You can view live video or recordings at any time when the camera is in this mode.
- Note: If you unplug the camera from the power source, it switches back to Default Mode (Power Saving Mode).

3.3 Important: How to Extend Standby days

The standby time can be reduced if the camera's PIR sensor detects unnecessary movements. To ensure you don't have too few standby days, consider the following:

Note1: When installing camera, choose a place without direct sunlight or lamplight.

Note2: When installing camera, choose a place without frequently passing humans or vehicles.
The camera can detect humans and vehicles within a range of 17feet (5 meters).

Additional Tips:
- Keep the camera away from sources of heat, such as air conditioning vents, humidifiers, or devices with heat openings.
- Avoid placing the camera near or face mirrors.
- Make sure the camera is positioned at least 3.2 feet (1 meter) away from other wireless devices to prevent wireless interference.

4. Reset Camera

You can restore the camera to its factory default settings by performing a reset. This will cause the camera to forget your settings, including the WiFi name and WiFi password.

microSD Card Slot

USB interface

Reset Button

Status LED

ON/OFF Button

Before reset, make sure that the camera is connected to a power source by using a USB cable.

1. Connect the camera to the power source, and set the ON/OFF button to ON.
2. To reset the camera, press and hold the Reset button for 5 seconds, then release the button. The Status LEDs next to the **ON/OFF button** will turn off for 1-2 seconds, indicating that the camera is resetting.
3. Wait about 15 seconds. The Status LED near by **ON/OFF button** is flashing blue, which means that the camera reset is completed. The camera is restored to the factory default status.
   (If the Status LED next to the **ON/OFF button** is **NOT flashing blue,** reset one more time from the beginning.)

5. Install microSD Card

You can find the micro SD card slot on one side of the camera.
When inserting the micro SD card into the camera, make sure that the contact (metal) side of the card is facing towards the direction of USB interface.

Tips: please turn off the camera before insert or remove micro SD card from camera.

The camera supports a micro SD card from 4 GB to 128 GB. (micro SD card is not included in the product box.)

Note 1: Make sure that the micro SD card has been formatted to FAT32 or exFAT on PC/MAC before inserting it into the camera.

Note 2: The camera saves videos on the micro SD card in MKV format. MKV is a modern video format that both MAC and Windows 10/11 can play without any extra software. Most media players also work with MKV.

If you can't open MKV files on your PC/MAC, you can install a popular media player like VLC or any another commonly used media player software.

6. Features Guides

6.1 Multi-phones Sharing

You can share the camera with other people, such as relatives, friends, colleagues, and set user permissions for sharing the camera.

1.Tap "**Settings**" to enter the setting interface. Tap "**Share Device**".
2.Input the **User ID** that needs to be shared.
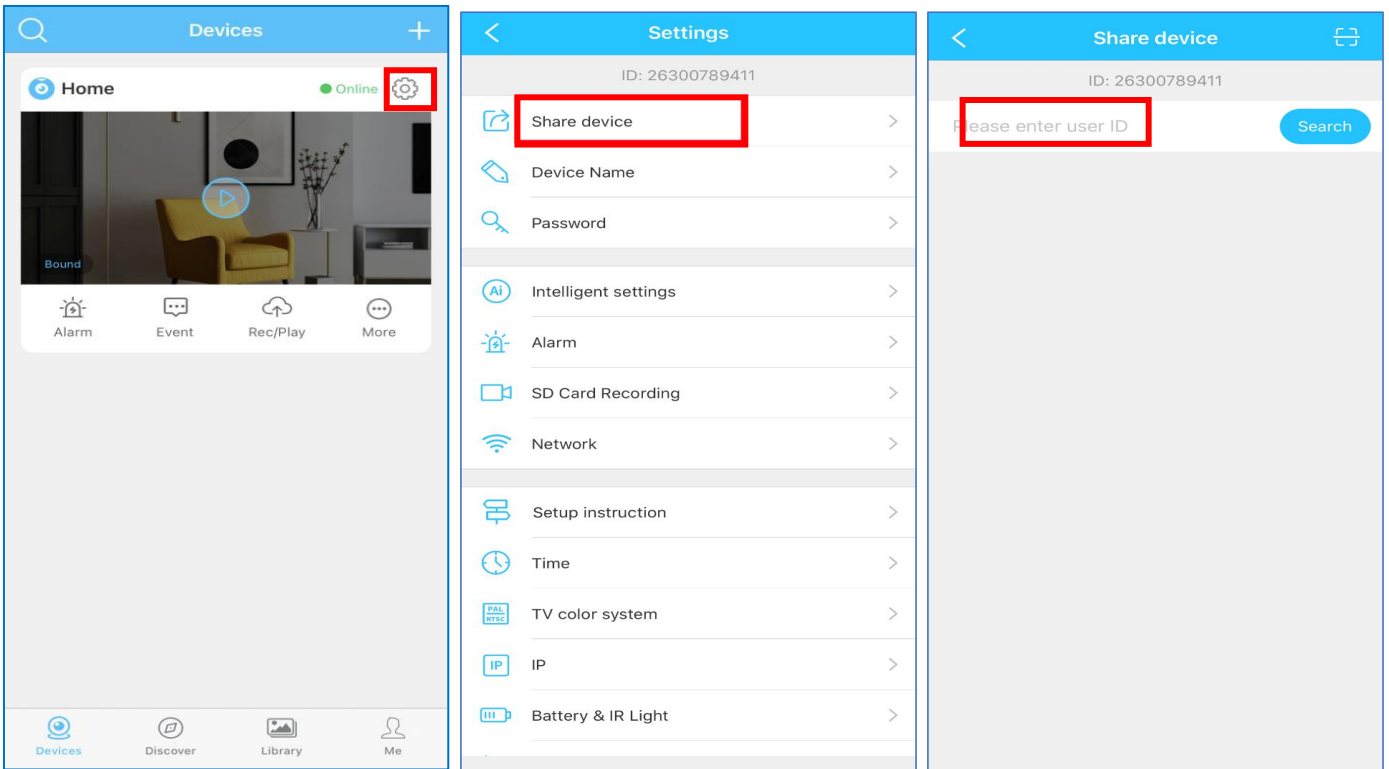
How to found the User ID: Your friend must download "**KinetCam**" App and log in after installation, tap the "**Me**" button , then find the **User ID** (8 digits) on the above of the page.
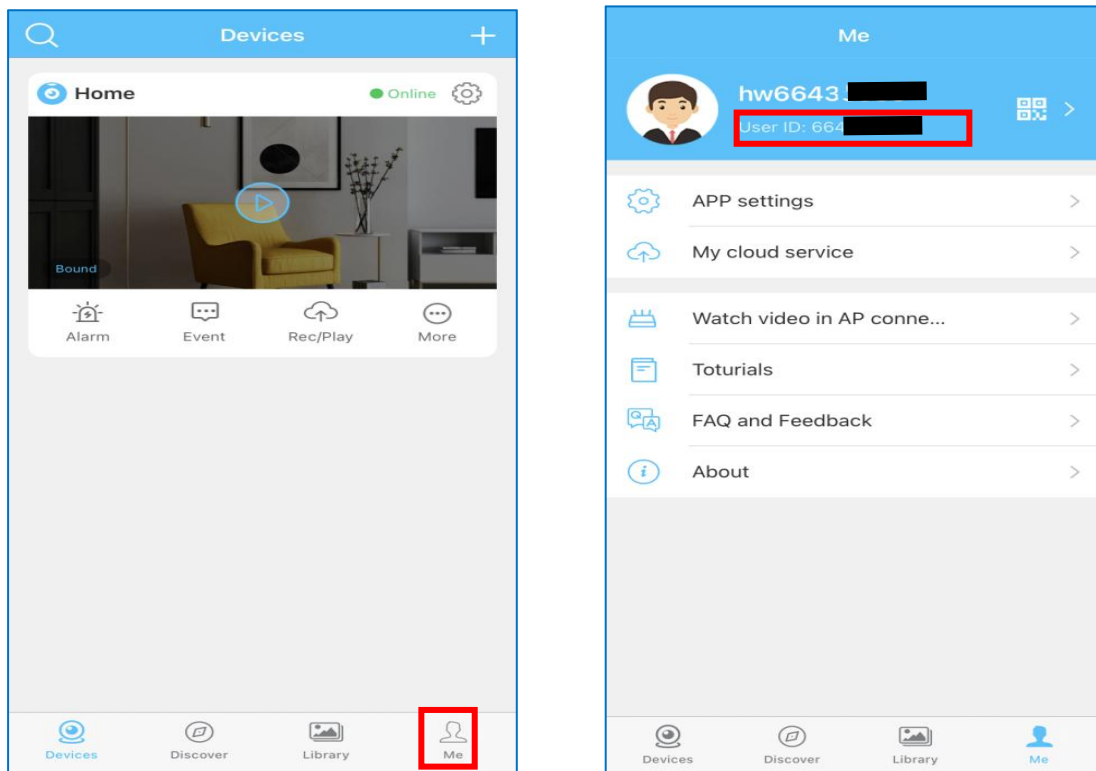
3.After obtaining the **User ID,** input the ID on the "**Share Device**" interface and tap "**Search"**. The authorization confirmation interface

pops up, select the permissions to be shared, and tap **"Confirm"**. The device is successfully shared, you friends will watching the live feed video too.
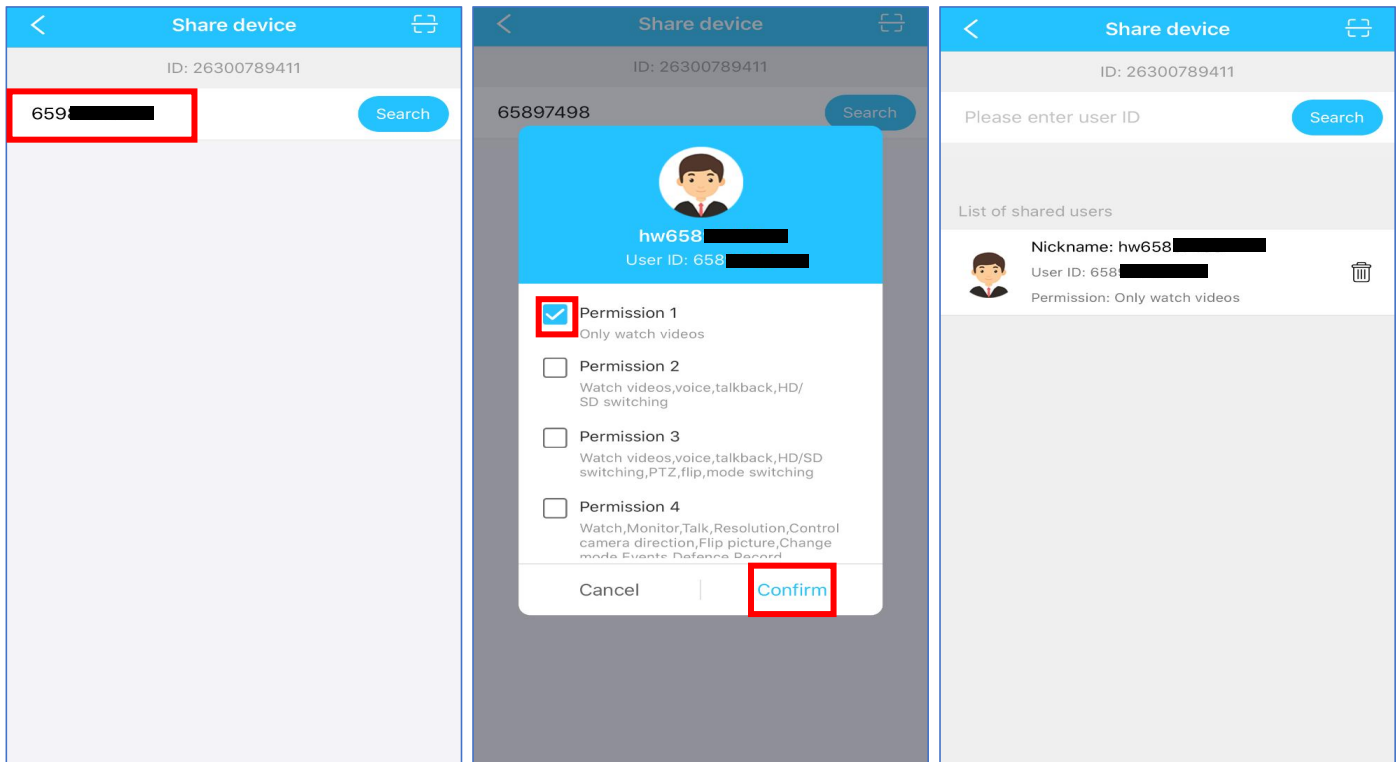
6.2 Choose 4K Video Solution

Open **KINETCAM App >>** tap **Video Window >>** Tap the **FHD (1080P)** button >> Choose **UHD (4K)** >> Then change successfully.
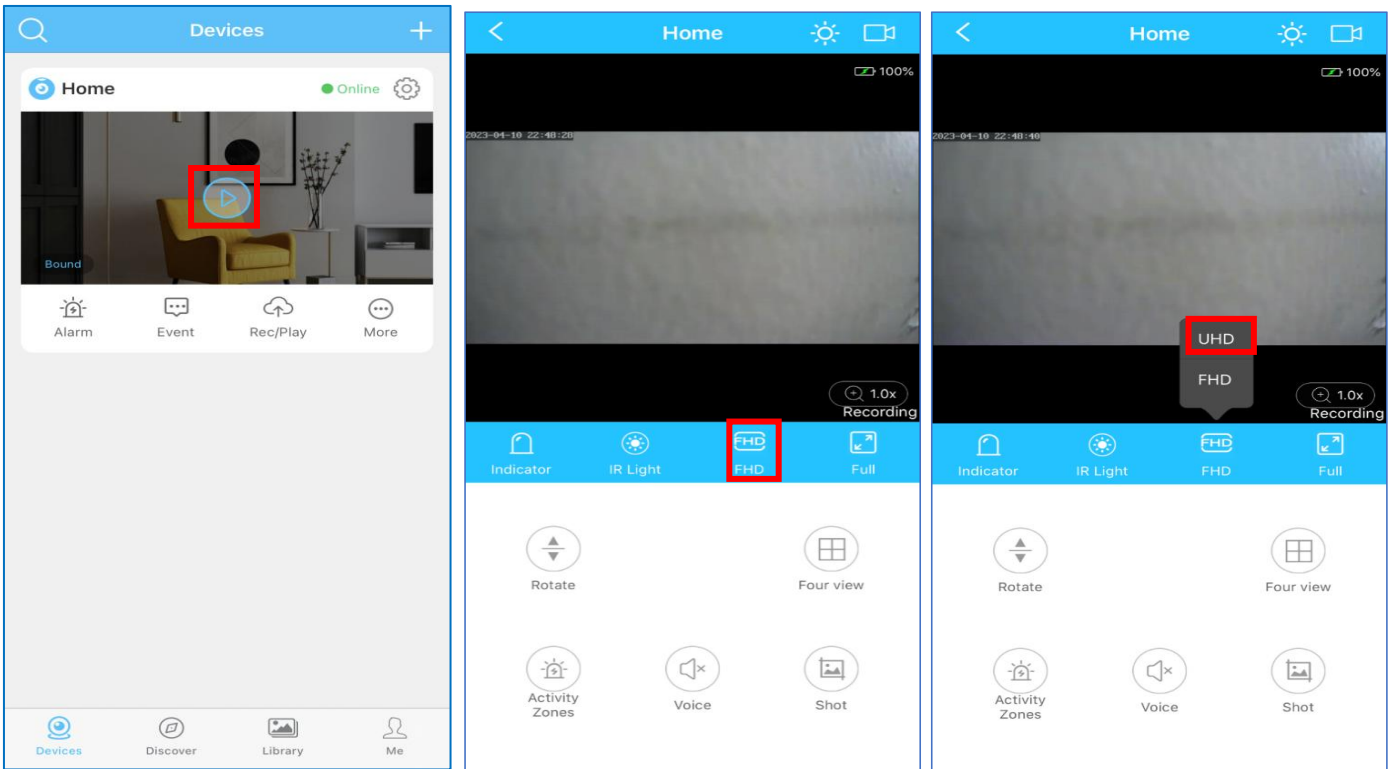
6.3 Set Motion Detection Alarms

1) Open **KINETCAM** App >> Tap the "**Settings**" icon ⚙ >> Tap "**Intelligent settings**" >> Choose **"Sensitivity"** you need >> Tap "**Confirm**".
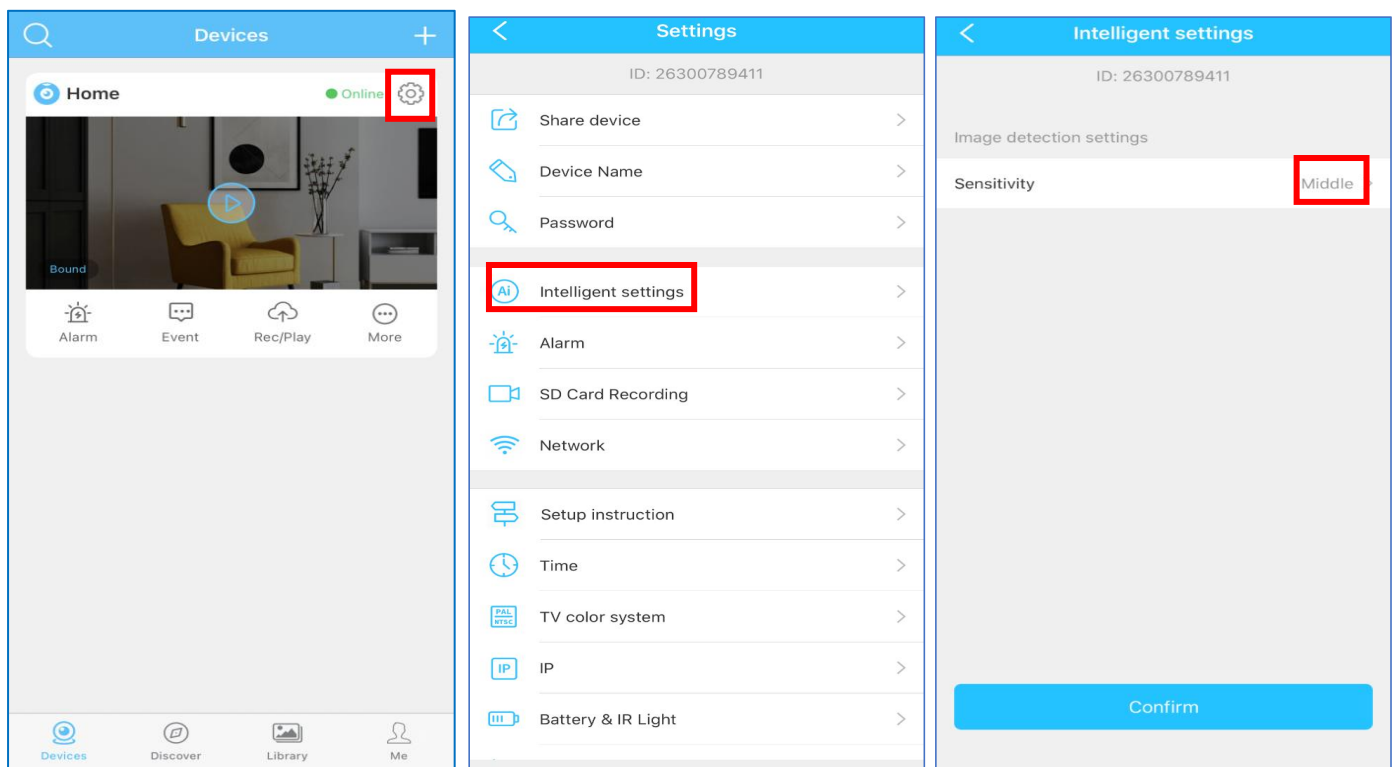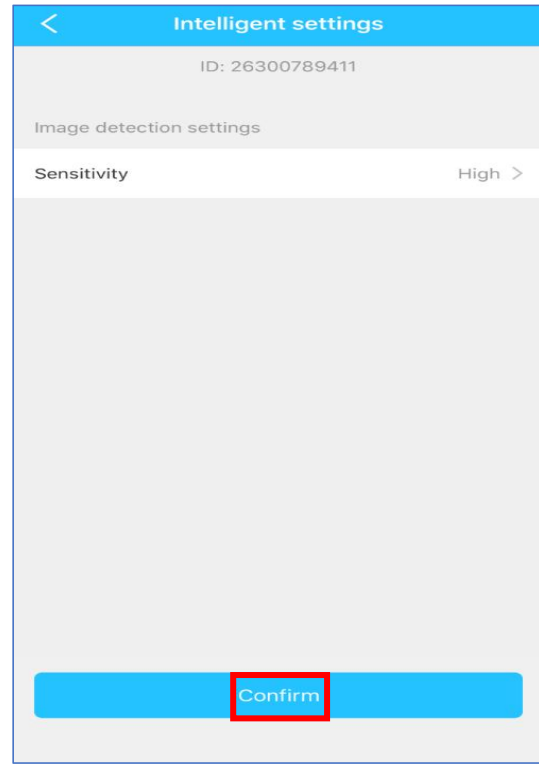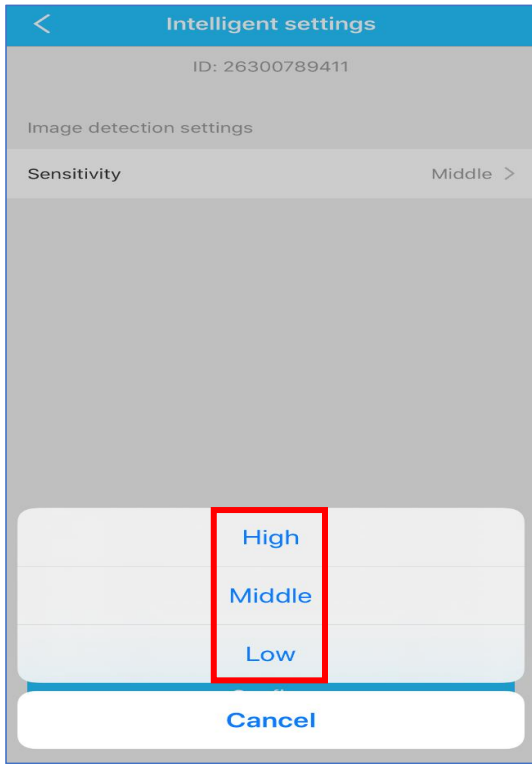
This model is using built-in PIR Sensor (Passive Infrared Sensor) to detect movements. PIR Sensor only reacts to human movements or animal movements.

The built-in PIR sensor the camera could detect movement up to 16feet. The Sensitivity settings indicates as below,

Sensitivity	Comment
High	Each Detection will trigger alarm
Middle	An alarm will only be triggered if a detection event lasts at least 3 seconds
Low	An alarm will only be triggered if a detection event lasts at least 6 seconds

2) Return to **Video Window** >> Tap **"Me"** >> Tap "**APP settings**" >> Tap "**Receive alarm notification**" >> When the camera detects a movement of the object, it will send you a notification.
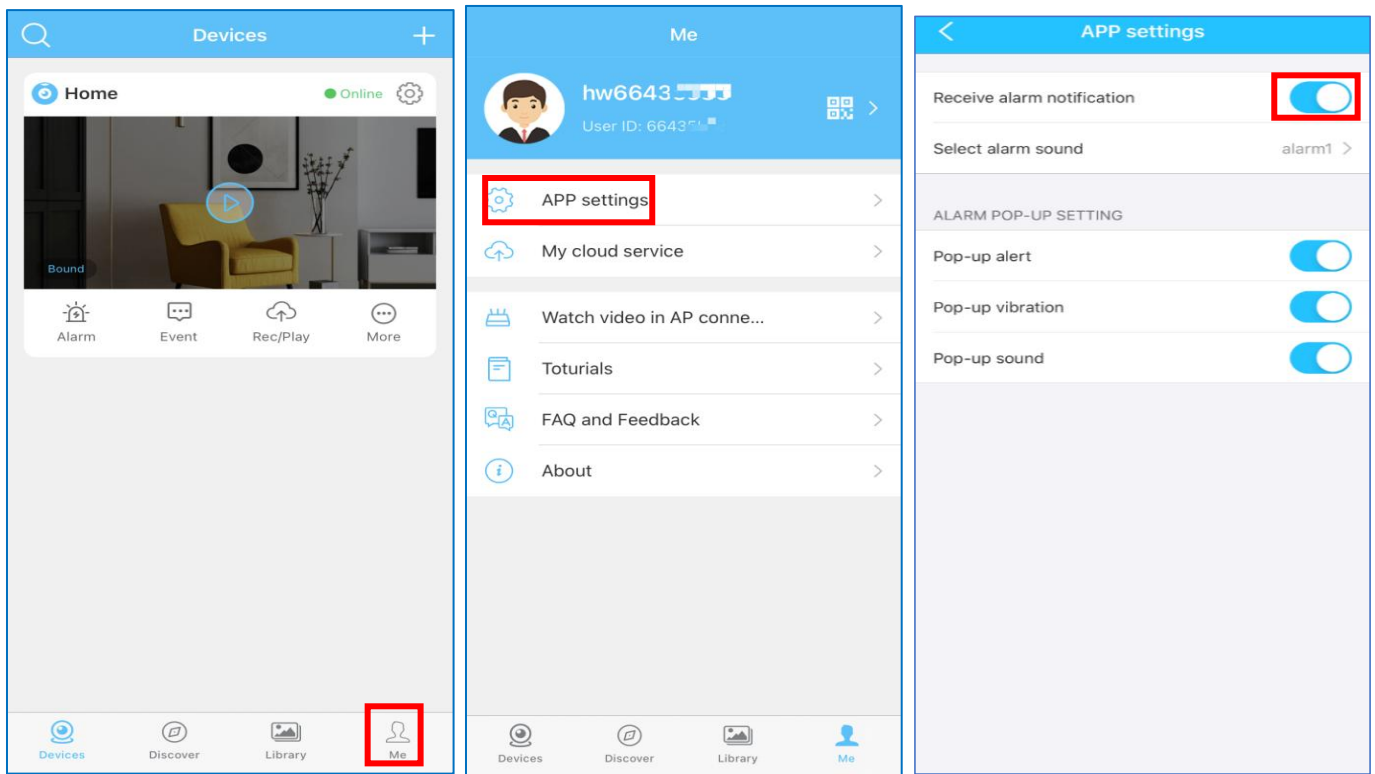
4. Back to **Devices** page >> Tap 'Alarm' button >> select '**Alarm On**' and tap '**Confirm**'.

Note: this is the general main button for turning the camera's alarm detection on or off. You can use it easily to control the alarm detection. No need to change the settings again in the above 1), 2) and 3)

- 24 - kinetcam.com/support ☏Tel: +1 866-865-8676
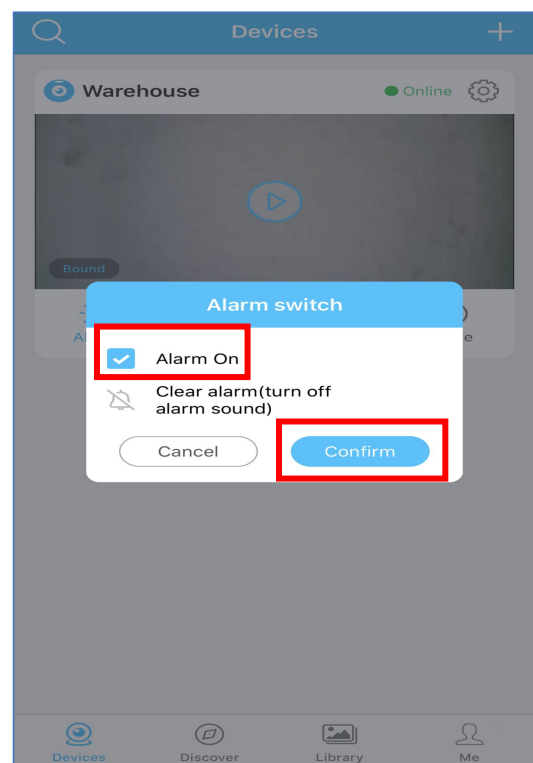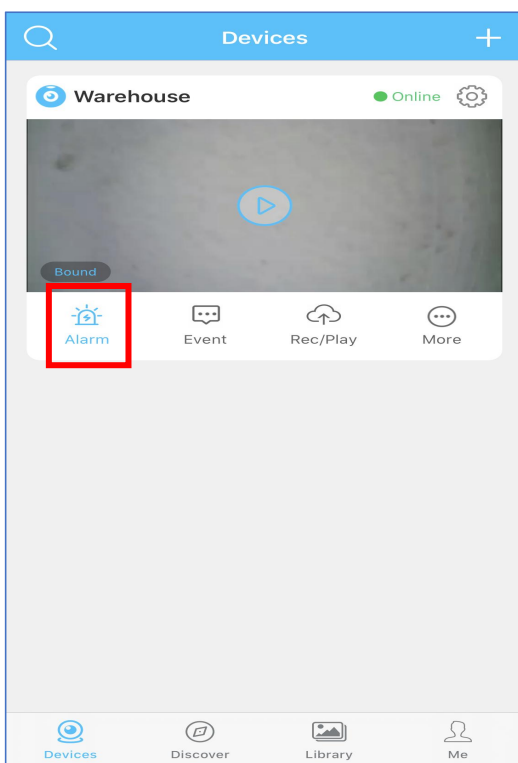
6.4 Important Information for False Alarm Reduction

Note1: When installing camera, choose a place without direct sunlight or lamplight.
Note2: When installing camera, choose a place without frequently passing humans or vehicles.
The camera can detect humans and vehicles within a range of 17feet (5 meters).

Tips:
- Keep camera away from air conditioning vents, humidifiers, projectors with heat transfer openings etc.
- Keep camera away from mirrors.
- Keep camera at least 3.2ft (1 meter) away from wireless devices to avoid wireless interference.

6.5 How to View the Captured Alarm Picture

On the **Video Window** >> Tap **"Event"** >> Tap time period files then you can watch the alarm pictures.
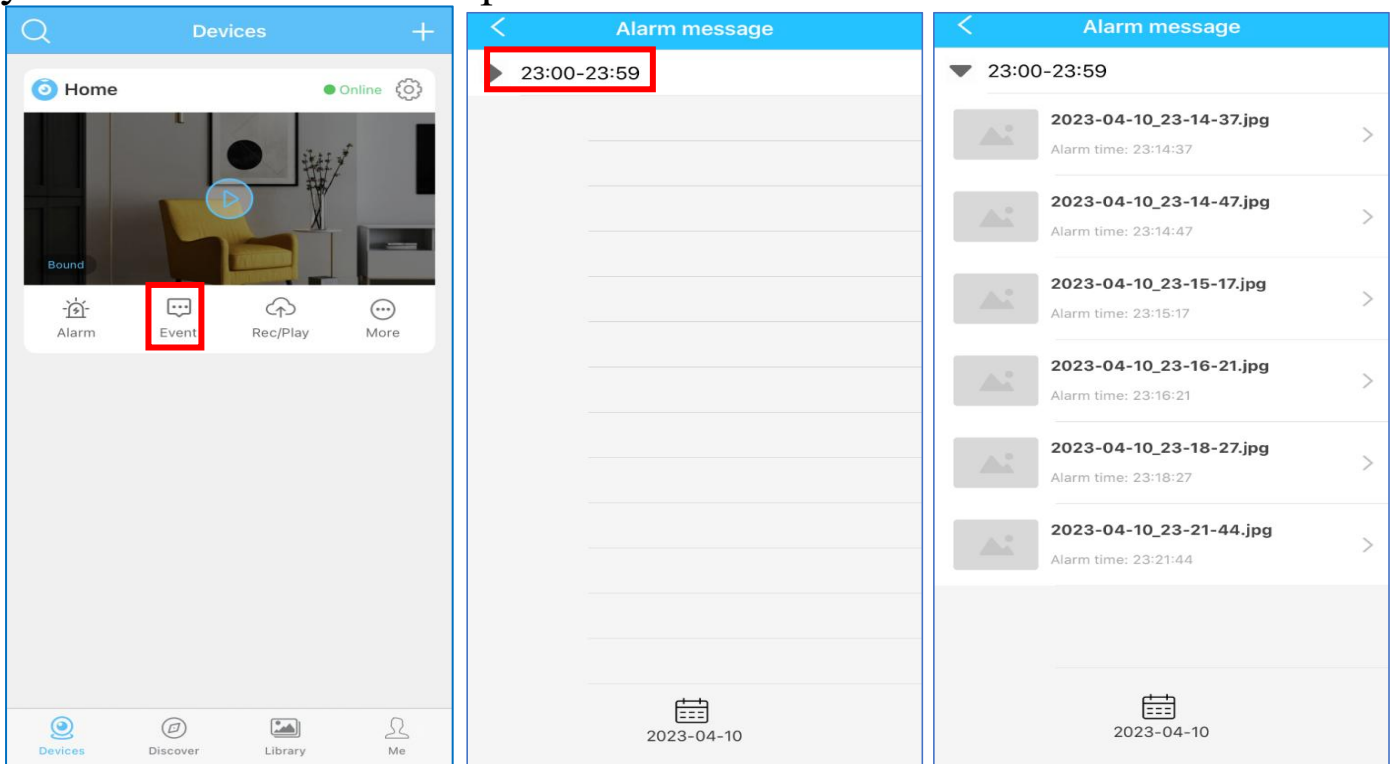
6.6 Set Motion Detection Recordings

Tips: This function required microSD card installed.

Open **KINETCAM App** >> Tap the **"Settings" icon** ⚙ >> Tap **"SD Card Recording"** >> Select one duration from **"Video time setting"** >> Tap **"Confirm"**.
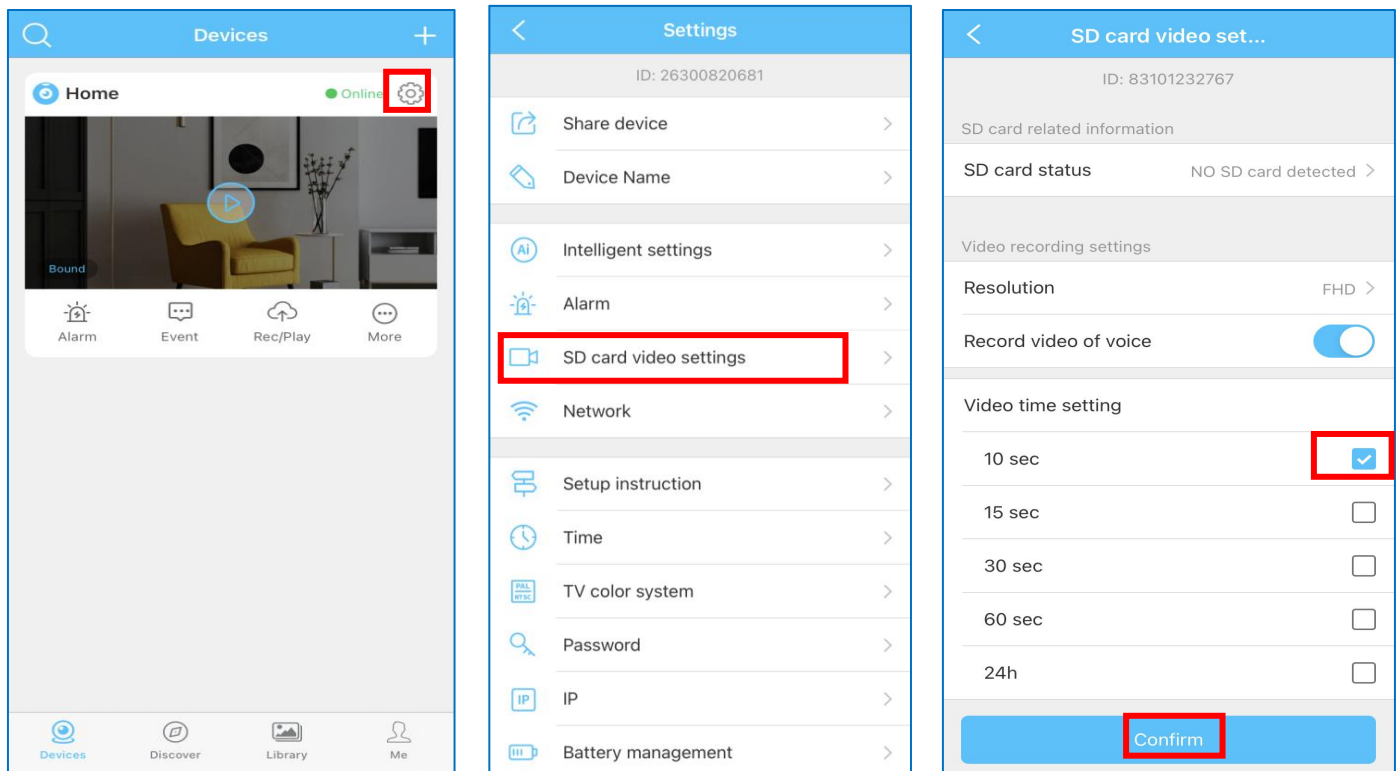
Note 1: If you set a longer video recording time, the camera's standby time will be shorter.

Note 2: If you choose **'24h'** in the **"Video time setting"**, the camera will record continuously until the battery runs out. It's recommended to connect the camera to a USB power source if you plan to use the '24 hours' option. The built-in battery can support camera recording for approximately 5 to 10 hours, depending on factors like night vision usage and other tasks.

6.7 How to Playback the Recorded Video in SD Card

Open **KINETCAM App** >> In **Devices** page, tap the Live Video button of the camera >> Tap the '**SD Card recording**' in the bottom right corner >> tap the time slot to find file to playback.
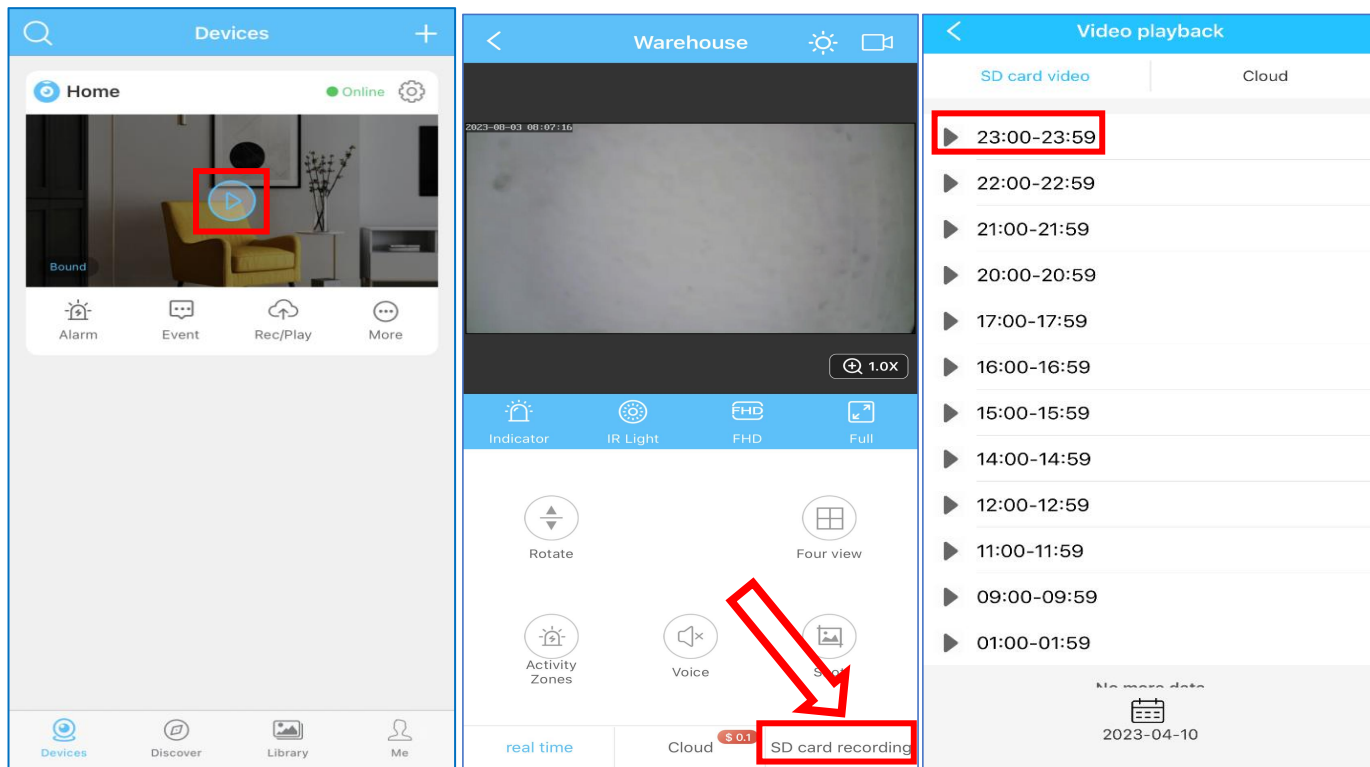
Note 1: the phone may prompt "**KinetCam Would Like to Access Your Photos**" >> Tap "**OK**". So app could save recorded files and photos to phone when you need.
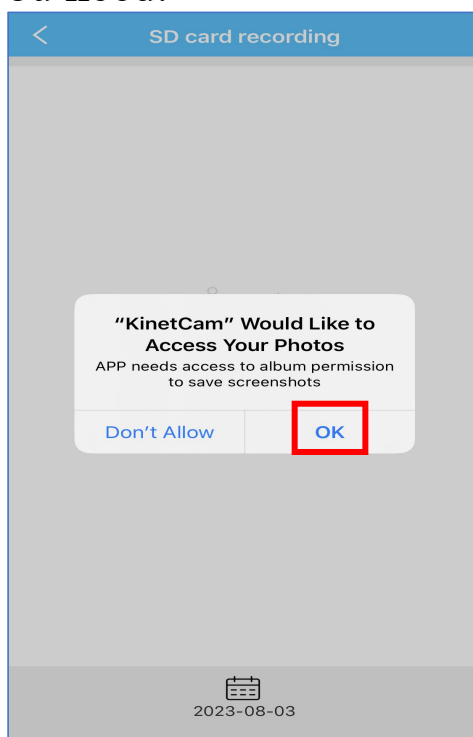
6.8 Set Continuous Recording

Open KinetCam App >> Tap the **"Settings"** icon ⚙ >>Tap **"SD Card Recording"** >> Select **'24h'** from **"Video time setting"** >> Tap **"Confirm"**.
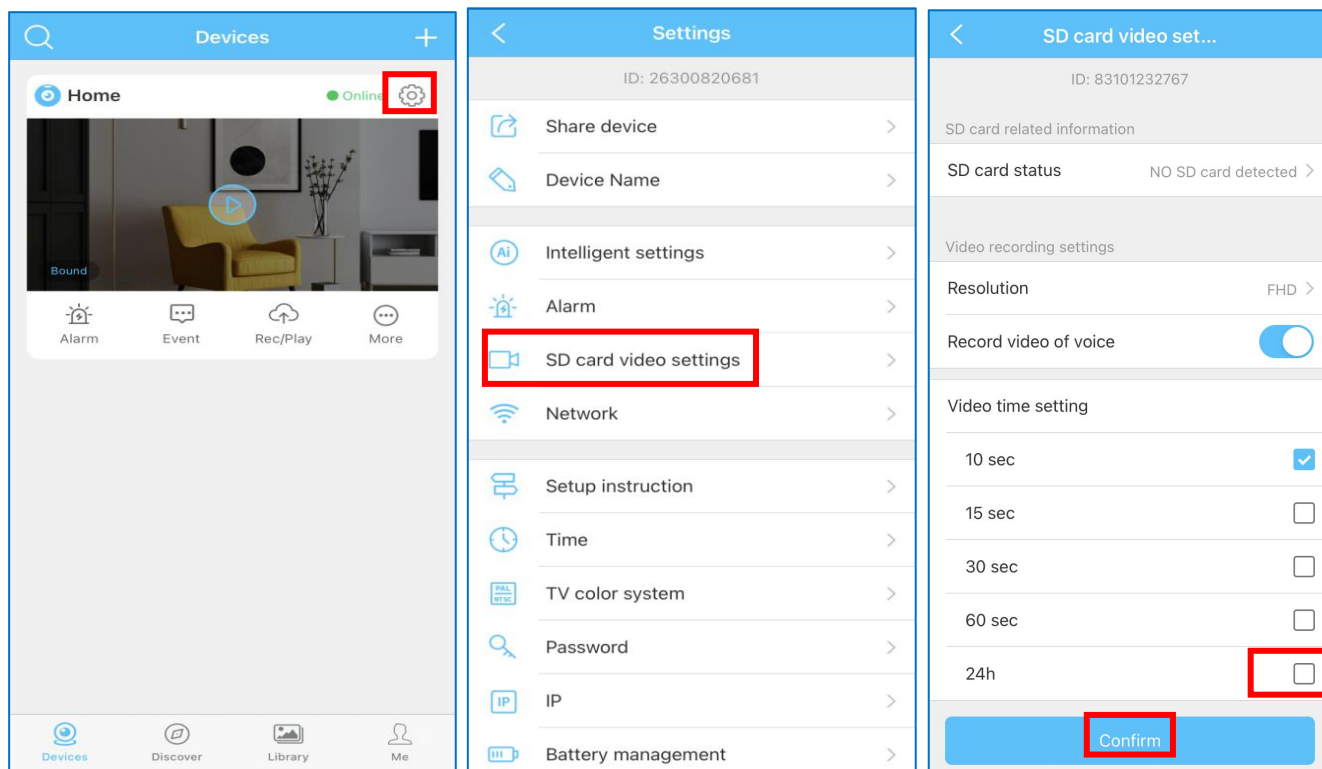
If you choose **'24h'** in the **"Video time setting"**, the camera will record continuously until the battery runs out. It's recommended to connect the camera to a USB power source if you plan to use the '24 hours' option. The built-in battery can support camera recording for approximately **5 to 10 hours,** depending on factors like night vision usage and other tasks.

When the microSD card is almost full, the camera will automatically initiate loop recording by overwriting the oldest recordings with the latest ones.

6.9 Night Vision and related

By default, the camera is set to Auto Night Vision. Here is how the Auto Night Vision works:

- **When the surrounding environment is dark**, the camera will automatically switch to night mode.
- In night mode, the camera uses its IR LED to emit infrared light and it switches to the image coming from the IR LED, instead of the image coming from nature light.
- The image coming from IR LED is black and white. This is common for all the home security cameras, infrared binoculars etc.
- **When the surrounding environment is bright enough**, the camera will automatically switch to normal mode or "day mode". It will shows the image coming from natural light.

Tips: In night vision mode, make sure that there are NO objects or surfaces too close to the lens to avoid that the infrared rays are blocked or reflected. Blocked or reflected IR can impact the quality of the image
You can turn on/off Night Vision setting, as below:

Open **KINETCAM** App >> Tap **Video Window** >> Tap **"IR Light"** >> Choose **"Automatic night vision"** or **"Turn off night vision"**.
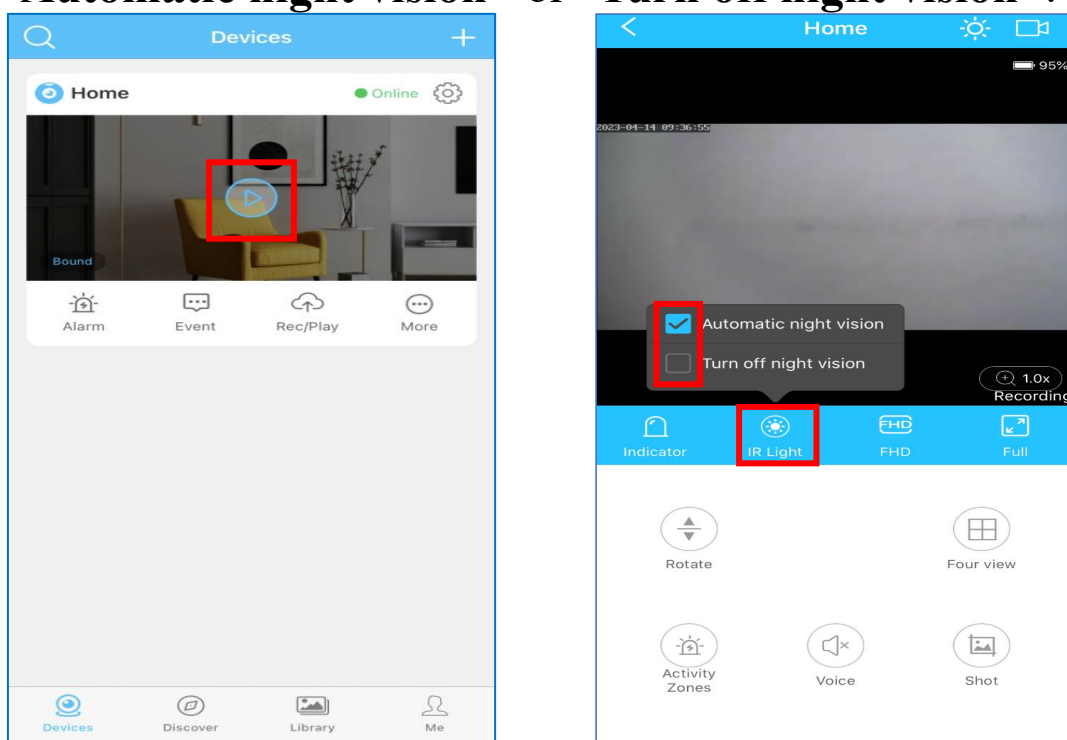
6.10 Look in the App's 'Library'

If you take pictures in the app or record videos by app (not the record to

micro SD), you can find them in the 'Library' section in the app.

Open **KinetCam App** >> Tap the "**Library**" >>Tap "**Photo**"
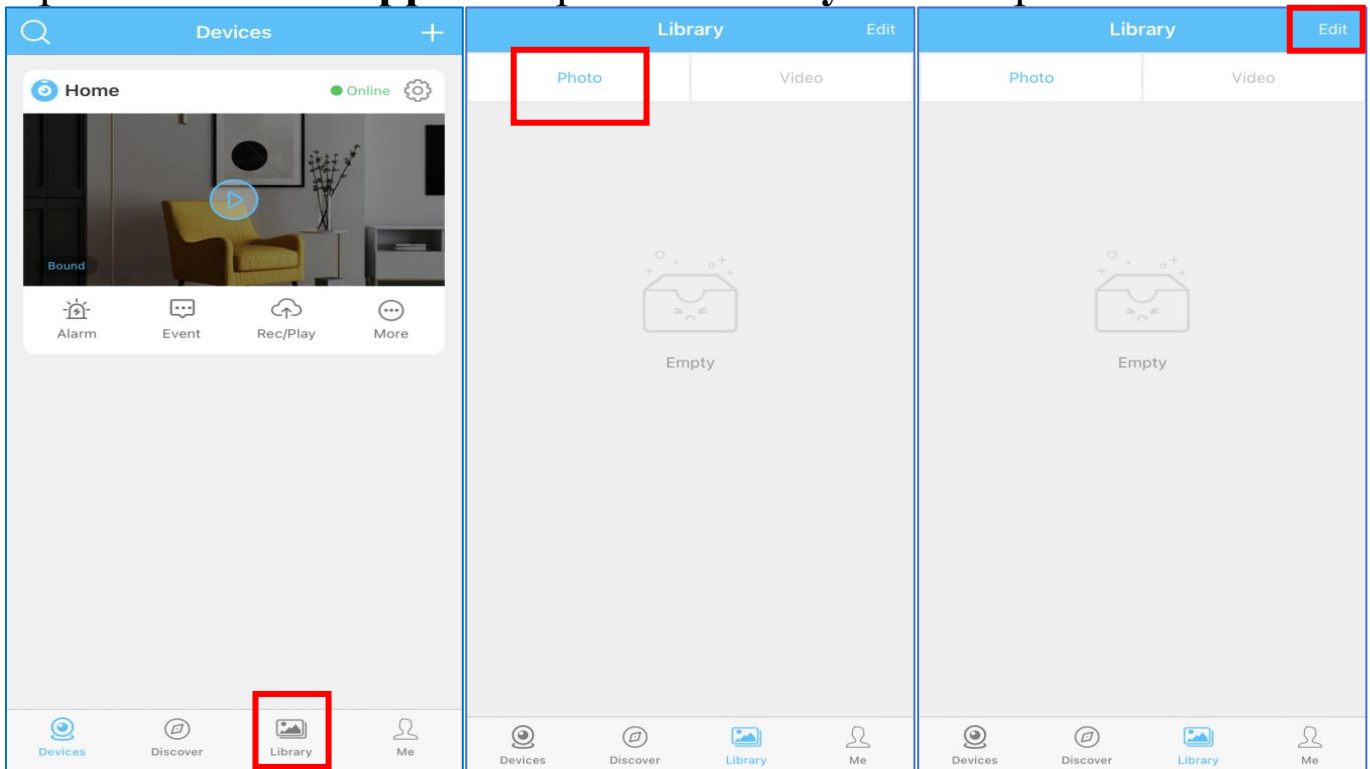
Open **KinetCam App** >> Tap the "**Library**" >>Tap "**Video**"
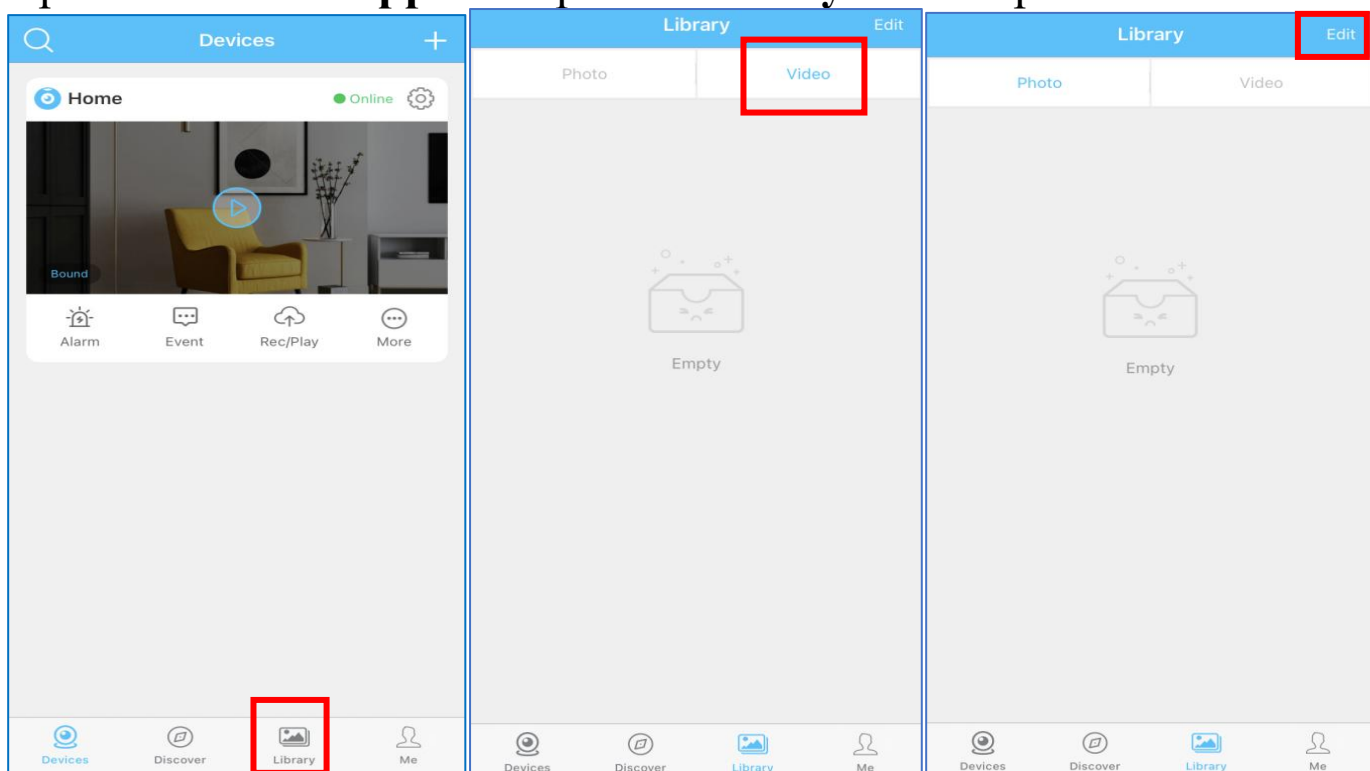
6.11 Remote Switch OFF/ON Camera

You can remote switch off the camera in the app, then later switch it on remotely.

Note: once switched off, the camera will not react to movement events, will not do any recording. It could be switched on remotely.
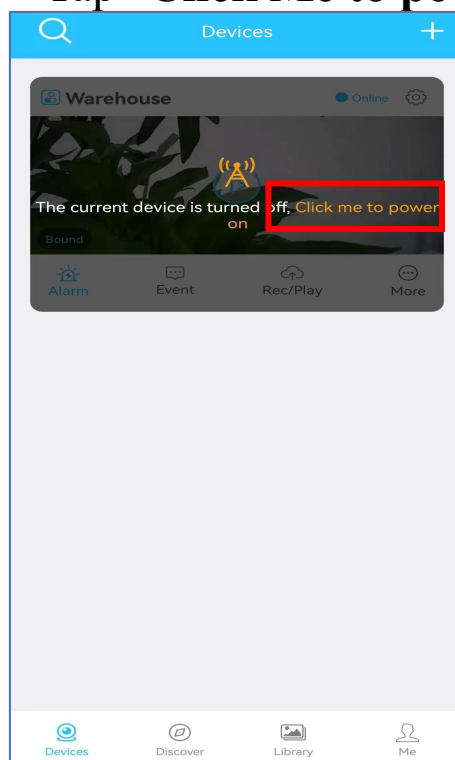
To Remote Switch OFF camera:

Open **KinetCam App** > Tap the **"More"** >>Tap **"Switch Off"**, click OK
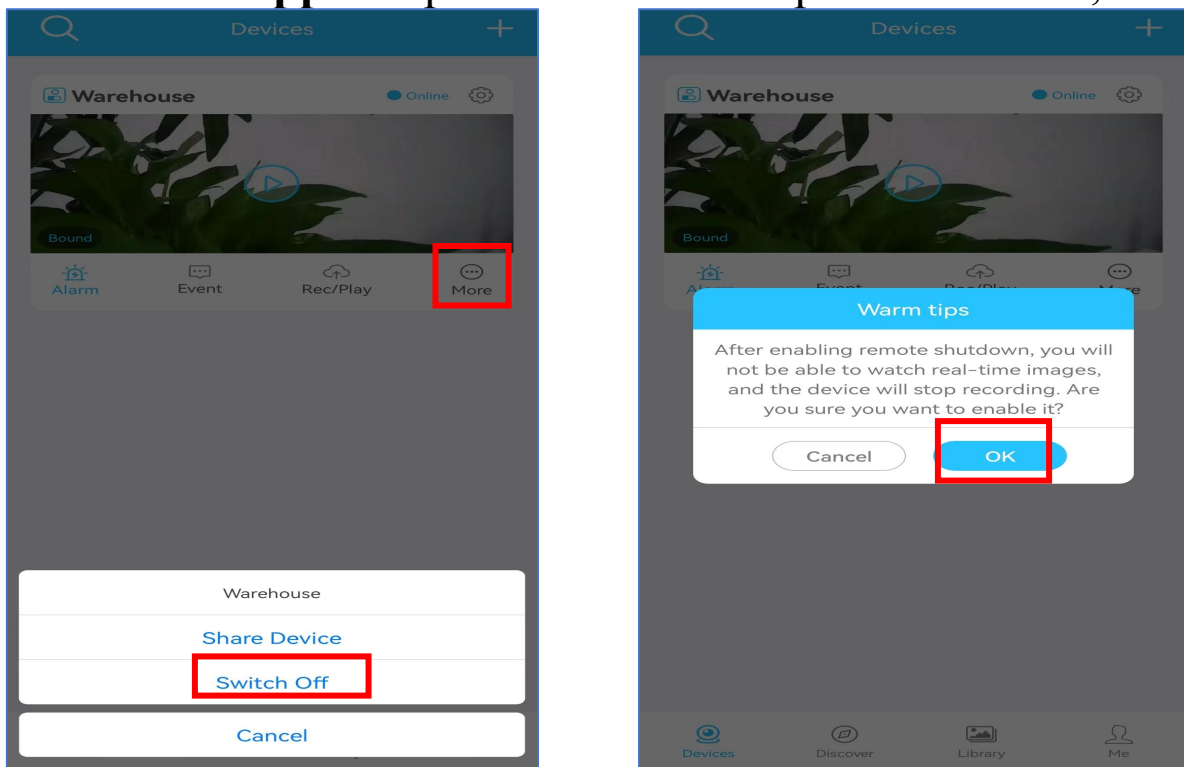
Then switch on the camera again:

Open **KinetCam App** >> Tap **"Click Me to power on"**

FCC ID: 2BDAB-CAM

Customer Tech Support

If you have any issue with setting up the camera, please call us or talk to our tech support team via email.

FREE Customer Support Tel: **+1 866-865-8676** (Service Time:Mon-Fri 9 AM-5 PM (PST)

Service Email:**service@kinetcam.com**