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State of the Art



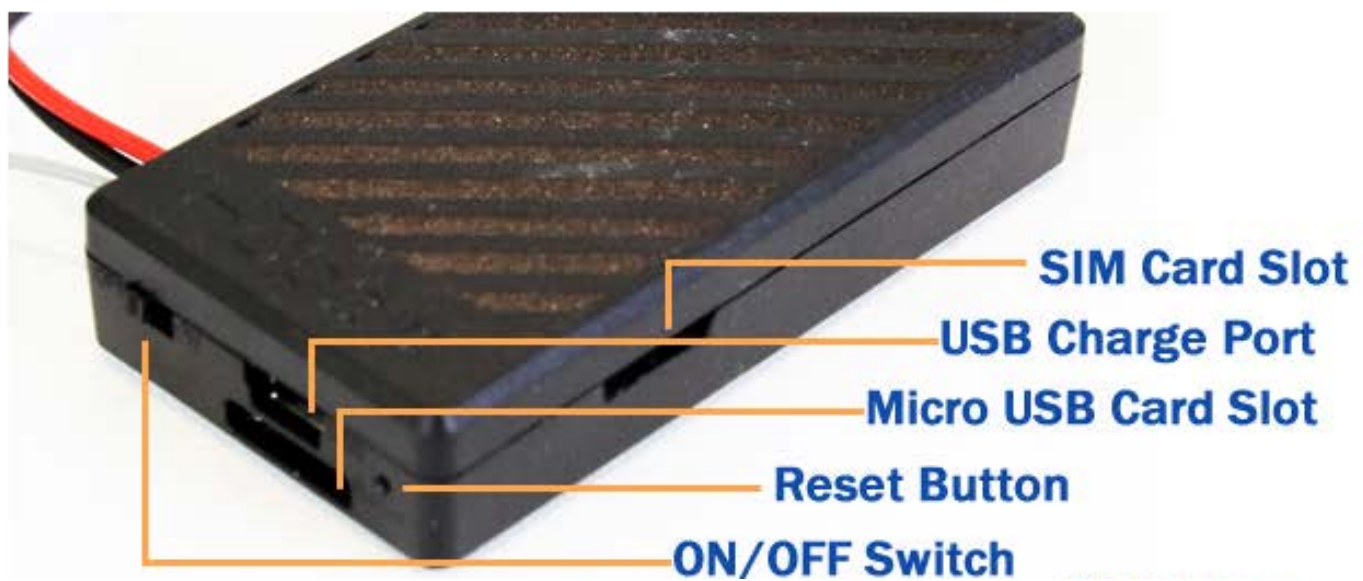
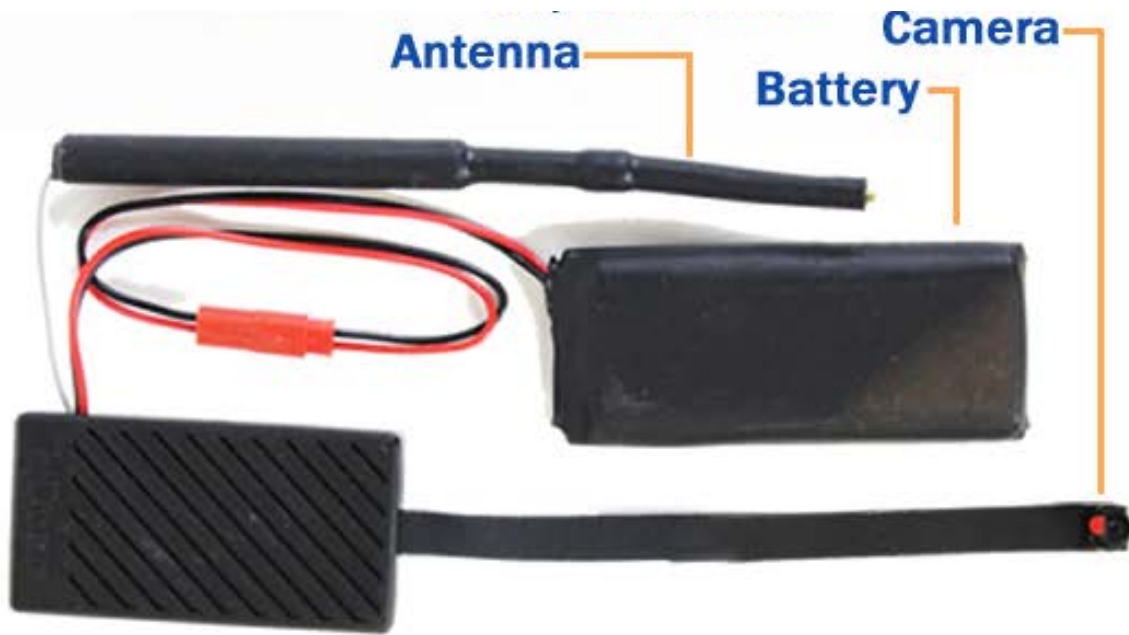
NANO4G-LTE

4G-LTE DIY Hidden Camera Kit

USER MANUAL

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1. Camera Device Diagram



2. Initial Setup

Charging

Please use the included USB cable to charge the battery. Connect the cable to a USB A/C adapter or any powered computer port.

Media Storage

Insert a MicroSD memory card as shown in the diagram. The card should click in place. To remove it simply press it down again to toggle it back out.

Power ON/OFF

Slide the power switch left or right to turn the camera device on or off.

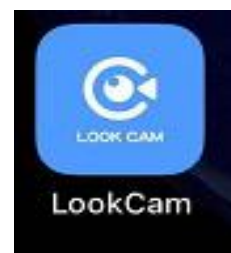
Camera Reset

Resetting the camera device to factory default will fix most issues. While the ON/OFF switch is set to ON, using a paper clip press and hold the reset switch for 5 seconds, the camera will restart with factory settings.

3. App Installation

I. Setting up the App

Download the **LookCam** app from Google Play or the App Store. You can scan the QR code or use the URL links below from your phone.



App Icon

Google Play / Android

<https://play.google.com/store/apps/details?id=com.view.ppcs>

App Store / iOS

<https://apps.apple.com/us/app/lookcam/id1460758870?l=zh&ls=1>

Windows Mobile

<http://lookcam.ffv.xyz/down/Lookcam.zip>

4. Camera Startup

Find the camera device at the end of the ribbon cable as seen in the diagram.

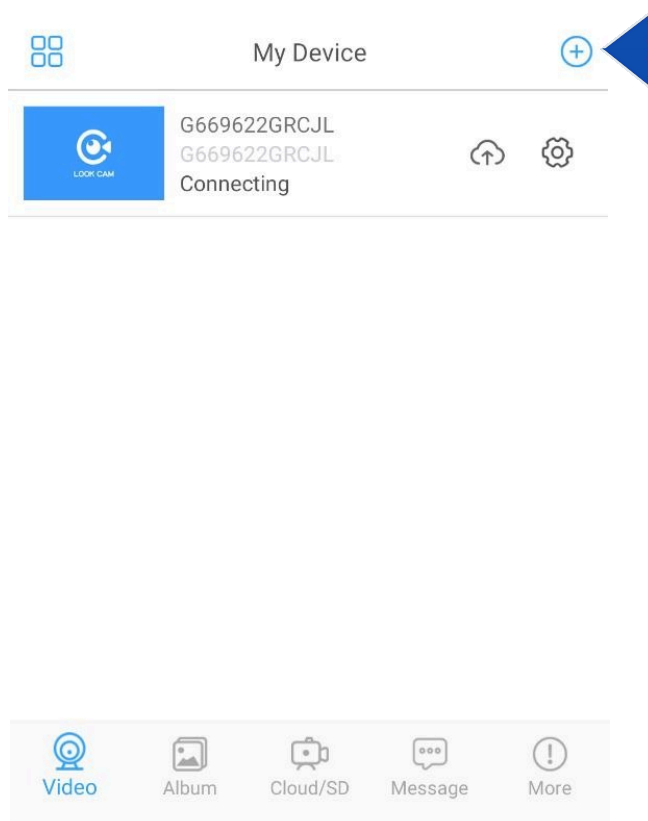
Ensure the ON/OFF switch is to the **ON** position (right).

Look for a **slow** blinking **blue** indicator light on the bottom of the Nano device. It may take 30 seconds for the light to change from solid blue to blinking blue.

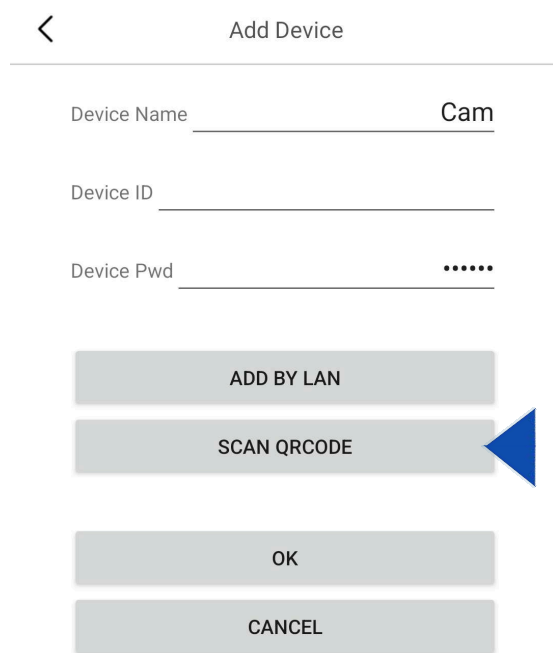
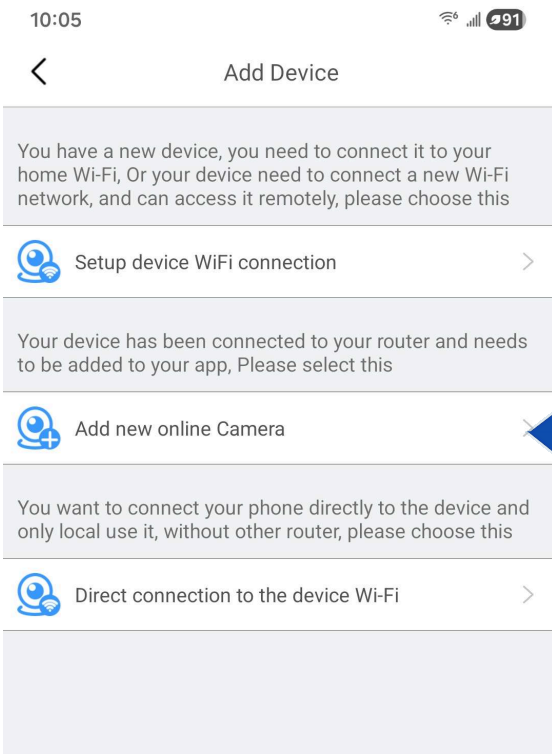
If you only see a red light, or no lights, ensure the device is charged, and try resetting the device according to the previous section.

5. Camera Device Setup

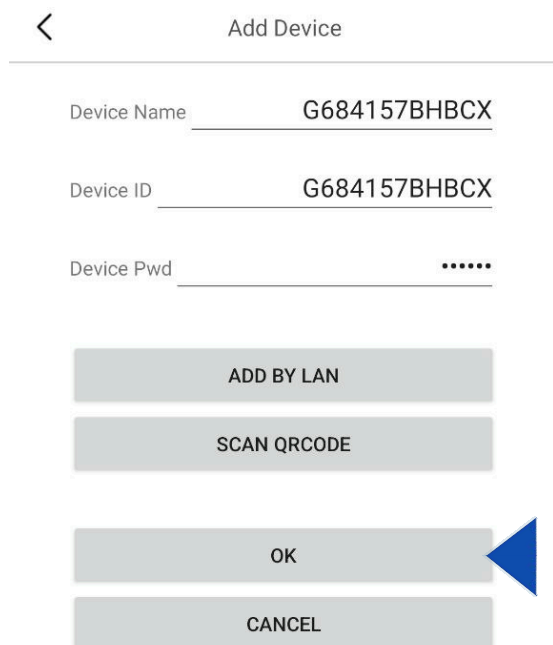
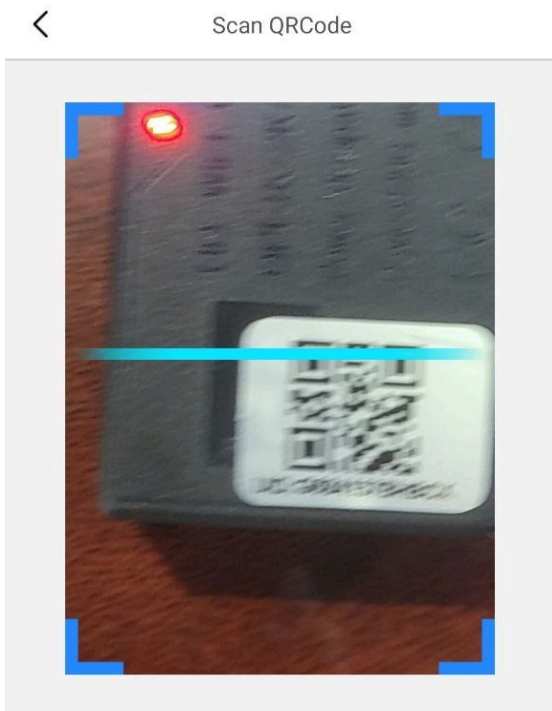
Open the **LookCam** App, and tap the "+" icon on top right to add a new camera device.



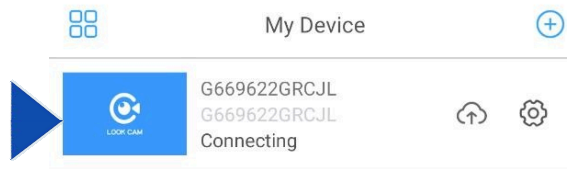
On the next screen choose **Add new online Camera**, then select **SCAN QR CODE**.



Your phone camera will come up so you can scan the QR code on the Nano device. Point the came at the QR label so camera reads it. Tap ok, and the camera devide will be added.



The camera devices will be listed back on the main screen, tap on it to preview video live.



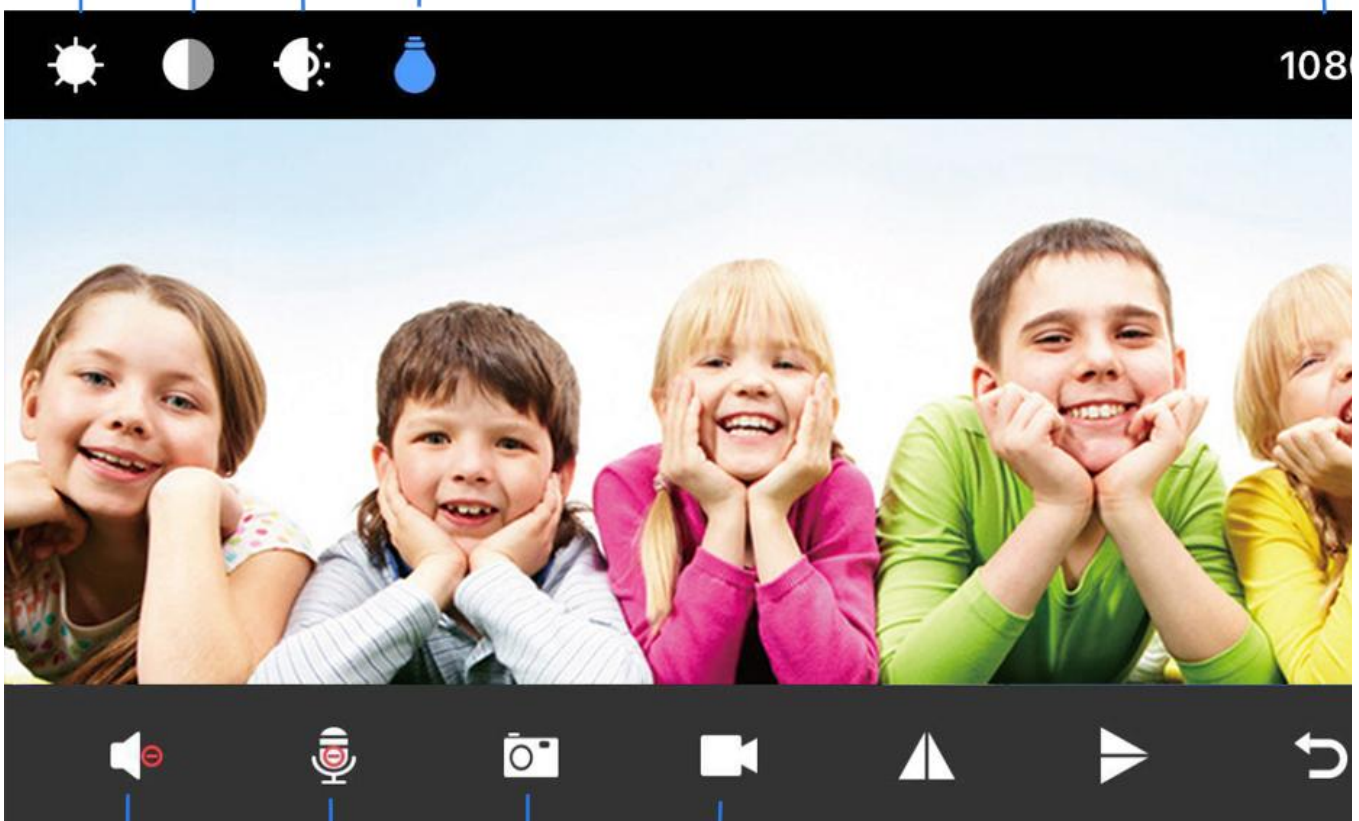
Brightness Adjustment

Contrast Adjustment

Night Vision ON/OFF

Camera Light On/Off

Video Resolution



Record Video

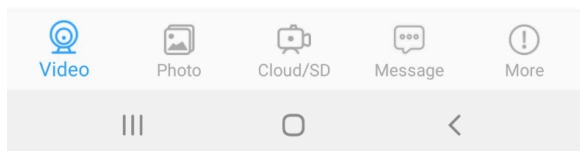
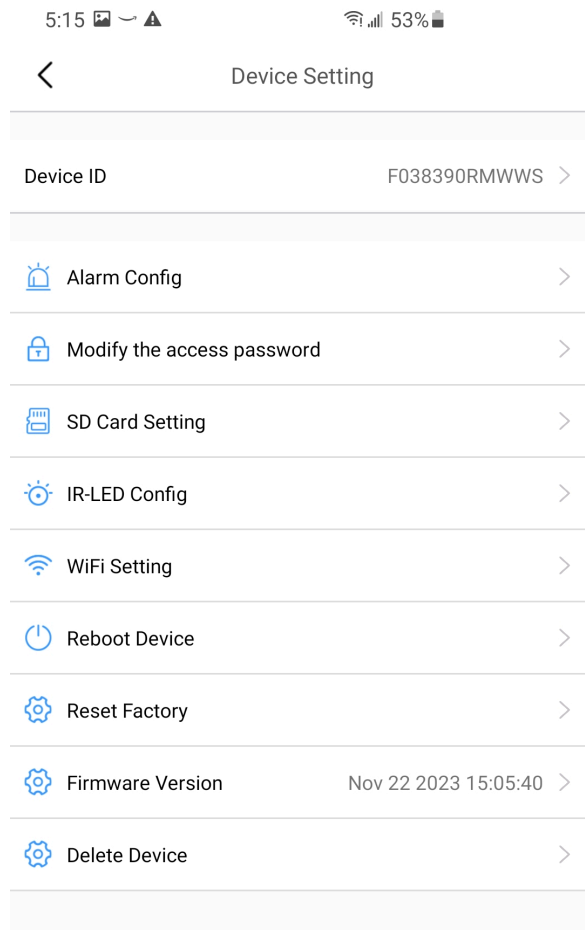
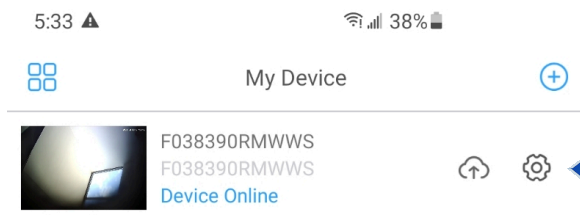
Photo Snapshot

Microphone On/Off

Speaker On/Off

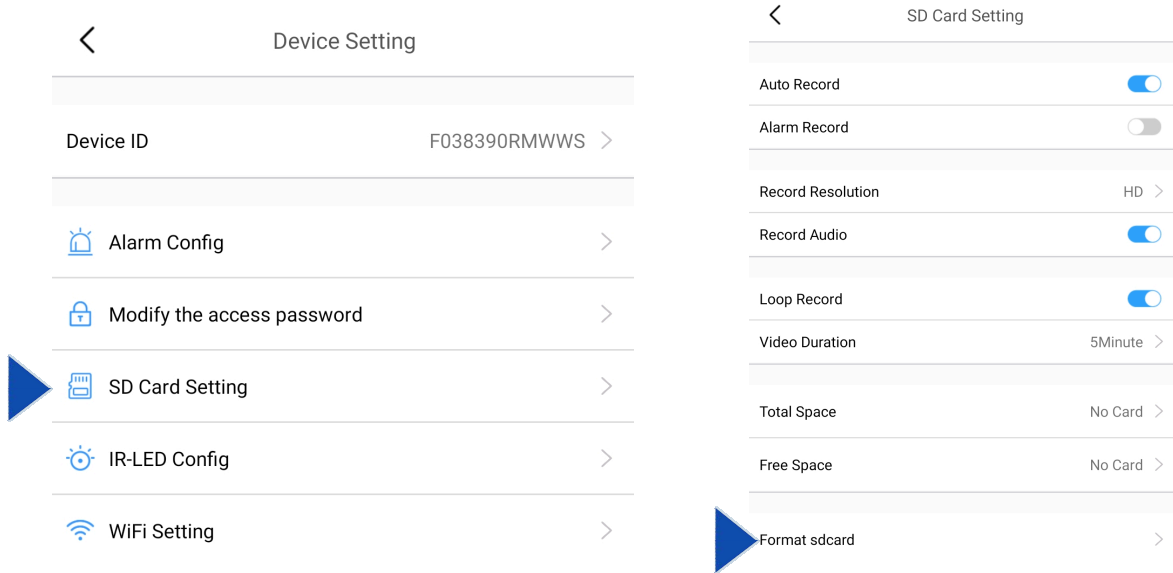
7. Camera Settings

To access advanced camera settings such as live recoding on SD card, alarm and motion detdetection, tap the **gear** icon of the listed camera device.



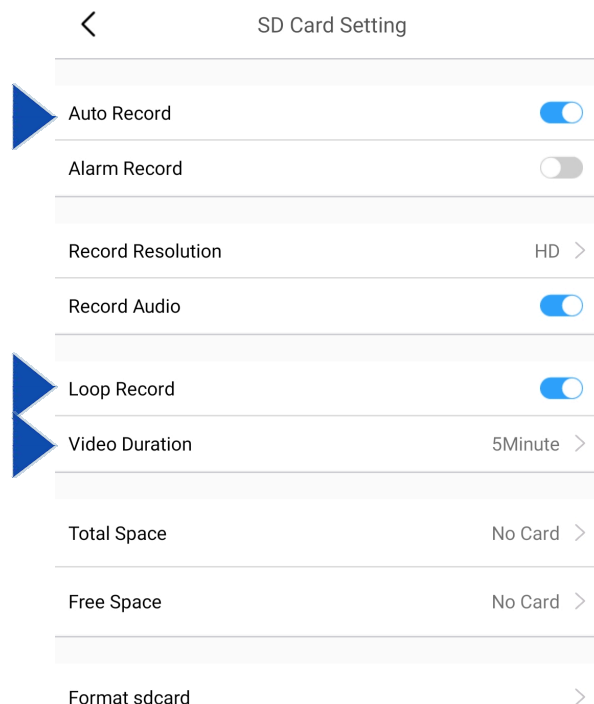
Recording & Playback

Please refer to the product diagram on how to install a memory card on the camera device. You may have to format the memory on first use under "SD Card Settings".



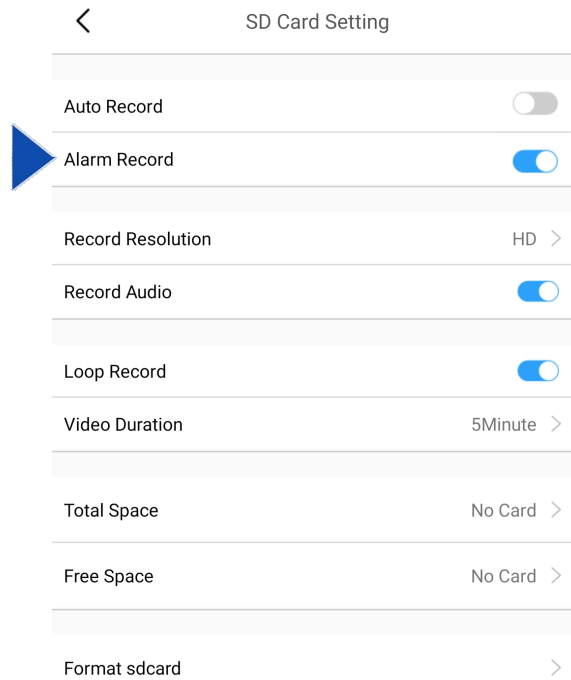
Continuous Video Recording

Under **SD Card Settings**, ensure the **Auto Record**, and **Loop Record** settings are turned on. Loop Recording simply means that the oldest recorded videos will be deleted and replaced with the latest recordings once memory is full. Videos are recorded in file segments of either 1, 2, 5 and 30 minutes long which can be specified under **Video Duration**.

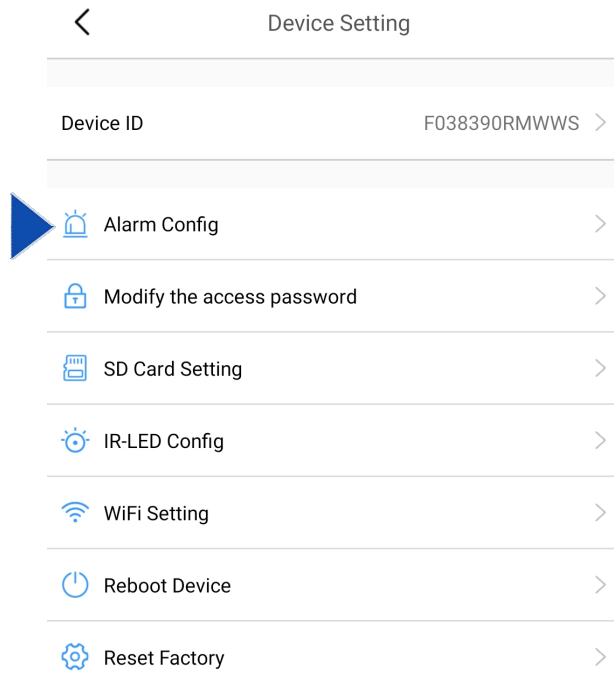


Motion Activated Video Recording

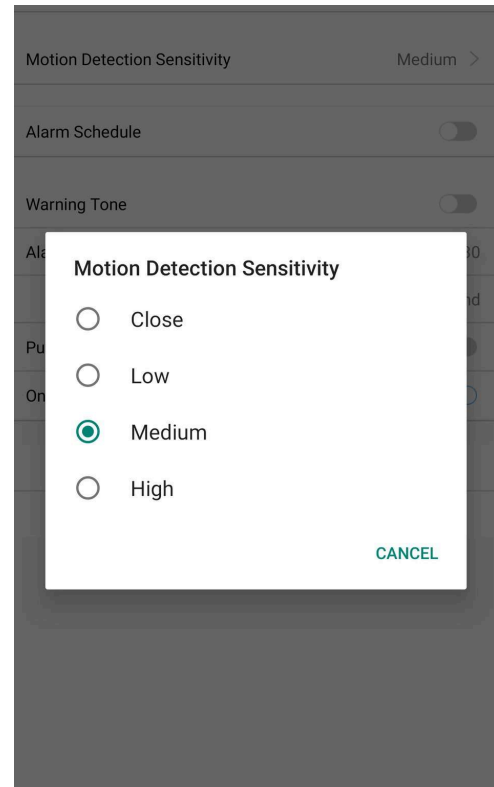
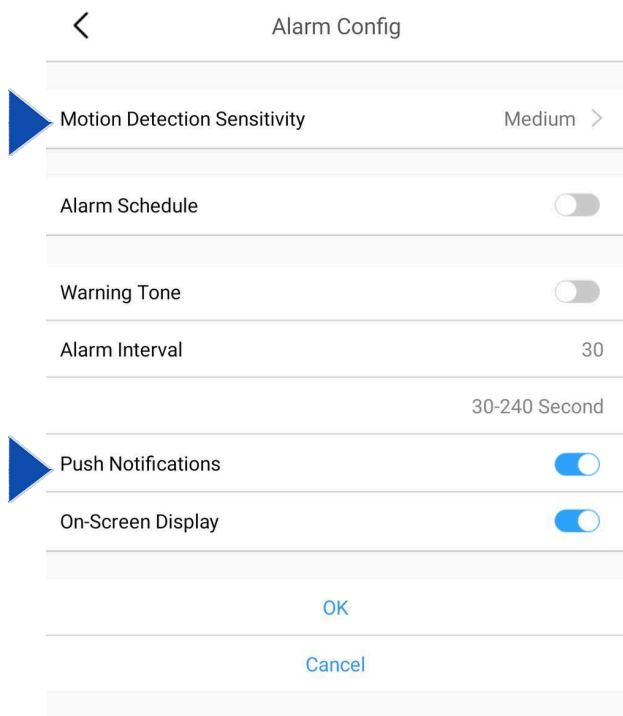
For video recording only when motion is detected, in the **SD Card Settings** menu turn on the **Alarm Record** setting.



Under **Alarm Config** You may adjust the motion sensitivity that triggers video recording.

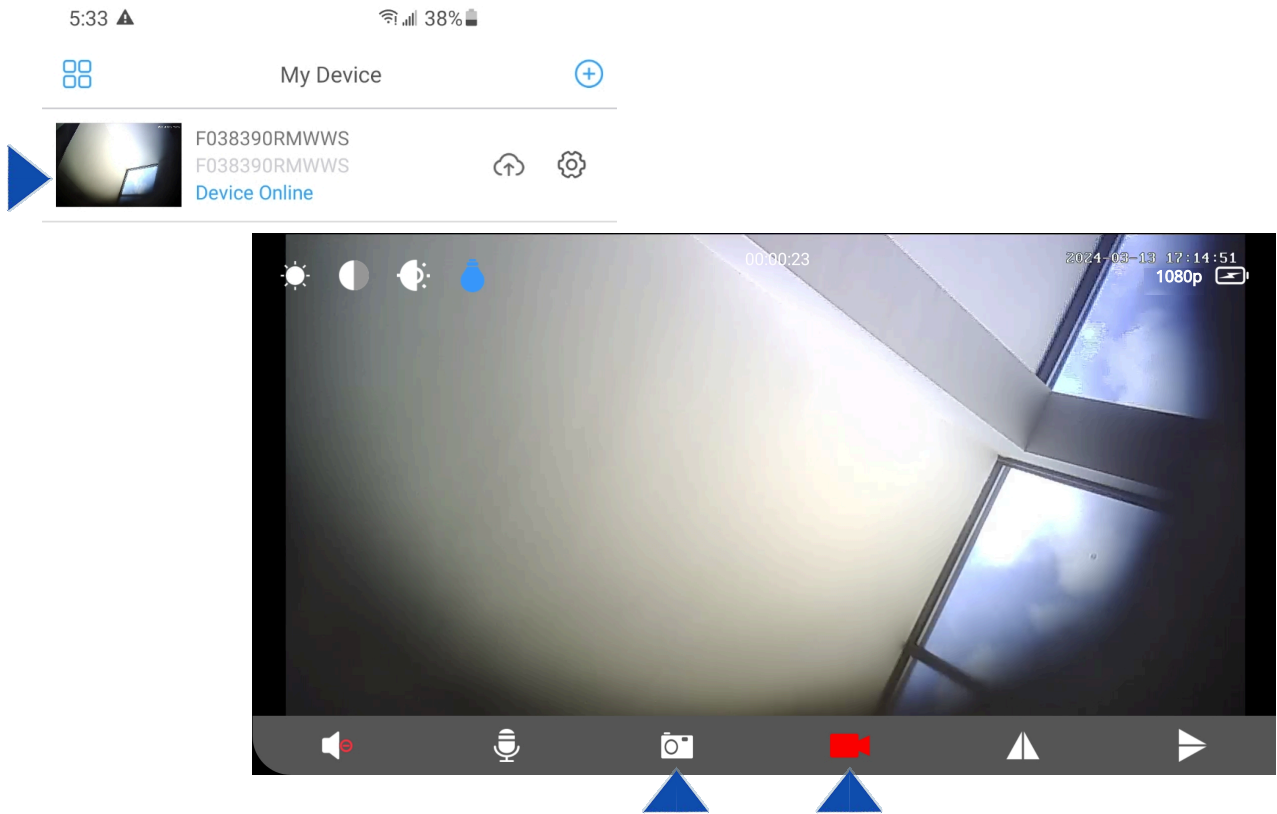


You also have the the option to recieve **Push Notifications** on your phone every time motion is detected.



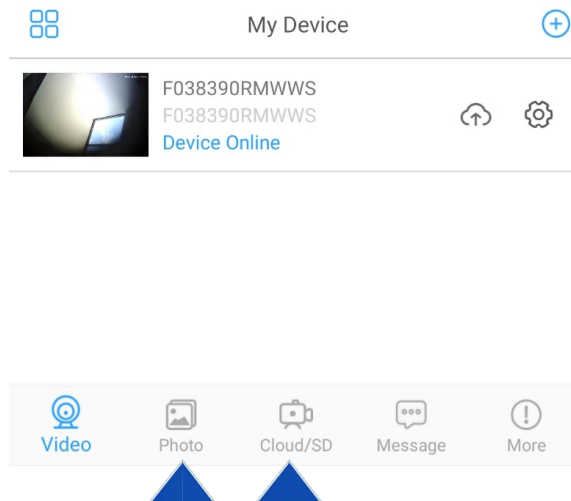
Manually Recording

To manually record videos and take snapshots you can use the live video user interface.



Video Playback

To playback videos or view the snapped photos stored in the memory card, use the main menu screen, or connect the memory card to a computer.



9. Troubleshooting Tips

Check memory card:

The camera supports up to 128 GB Micro SD card. Please use High Speed Class 10 FAT formatted memory card. You must format the Micro SD before using. If SD card is not recognized when inserted into the camera, simply remove and re-insert.

Camera offline:

1. Check power
2. Check if your router is working properly.
3. Weak Wi-Fi signal.
4. Wrong password wrong while Wi-Fi setting

Glitchy or stuttering video playback:

You should choose a suitable resolution to watch according to your internet speed. Internet connection interruption will also cause video to freeze.

Forgot password or password invalid:

Press and hold the reset button for 10 seconds to restore the camera device to the factory settings.

The initial password for each camera is **123456**. Please change the password to ensure the security of your camera.

NOTE: Passwords must consists of alphanumeric characters only.

If the camera cannot be connected to the router, please reset, and connect the hot spots before completing the configuration.

10. Technical Specifications

Video Resolution, Ratios	4K 1080p, 720p, 640p, 320p @ 16/9 & 4/3
Video Format	AVI
Frame Rate	25 FPS
Viewing Angle	150 degree horizontally /90 vertically
Motion detection activation dstance	Straight line, 6 meters
Minimal Illumination	1 LUX
Battery Life	~1 hour
Video Clip Segments	1, 2, 5, 30 minute video length
Video Encoder	H.264
Recording Range	5m ²
Current Consumption	380MA/3.7V
Storage Temperature	-20-80 degree centigrade
Operating Temperature	-10-60 degree centigrade
Operation Humidity	15-85%RH
Memory Card Type	TF card, MicroSD Card
Player Software	VLCPlayer/SMPlayer
Computer Operating System	Windows/Mac OS X
Mobile Phone Operating System	Android/iOS/Windows Mobile
Maximum Users	4