



NODE

Wifi Repeater / Hidden Camera

USER MANUAL

LOOKCAM

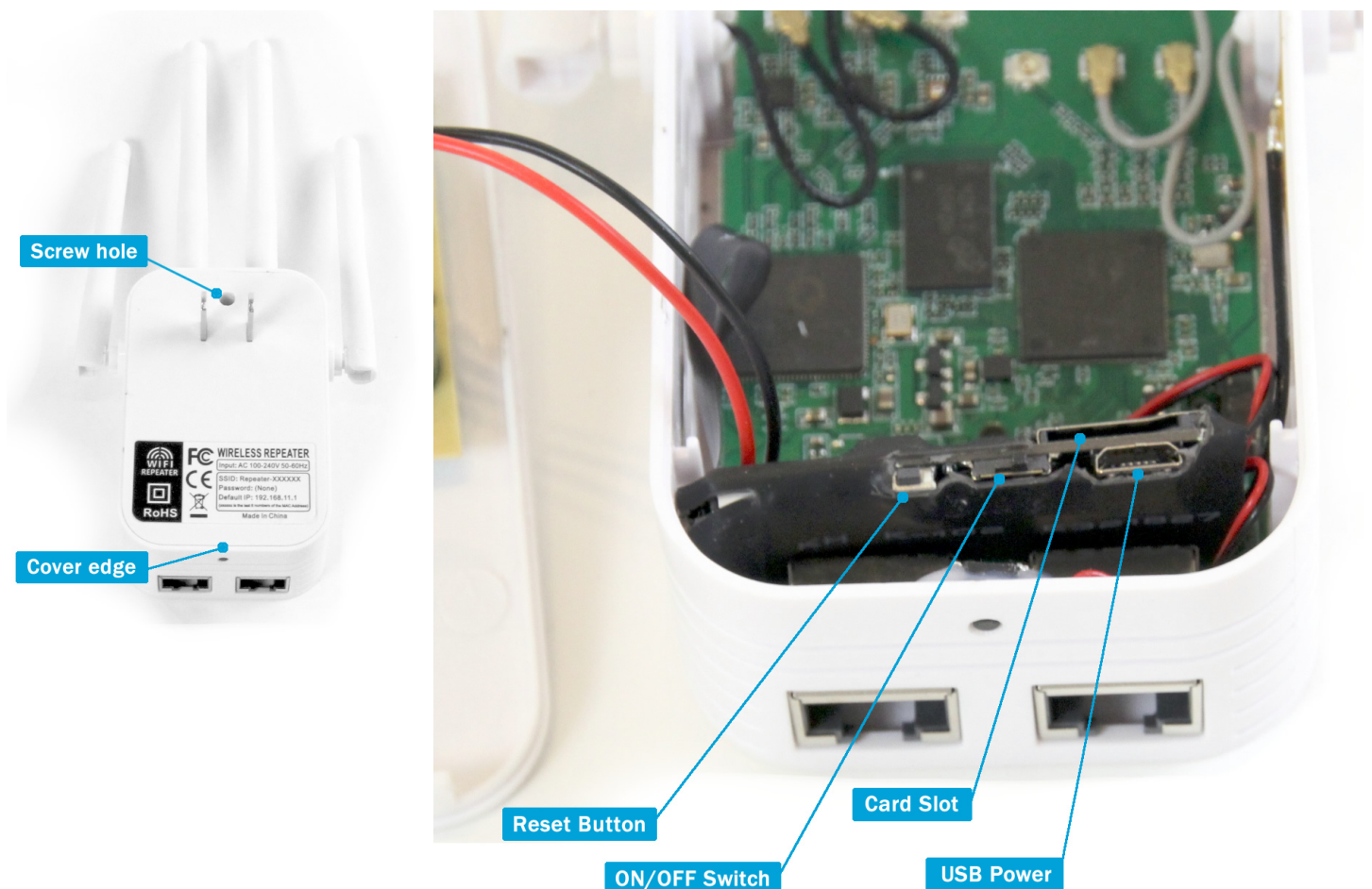
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1. What's Included



The NODE, Repeater Manual, This Manual

2. Camera Device Diagram



3. Initial Setup

Camera Controls Access

Use a philips head screw driver to remove the case screw, then pry the cover open with a sharp object such as a razor or knife by inserting it in the cover edge from the bottom or top of the closing.

Memory Card

After opening the case, insert a MicroSD memory card in the Card slot. Endure to push all the way untill it clicks in place. To remove it, press it down again so it toggles back out.

Power ON/OFF

Plug the NODE to an A/C outlet to power the camera device.

Camera Reset

Disconnecting the NODE from power will altomatically restart the camera device.

WARNING DO NOT OPEN THE CASING WHILE THE NODE IS PLUGGED IN THE WALL.

4. 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>

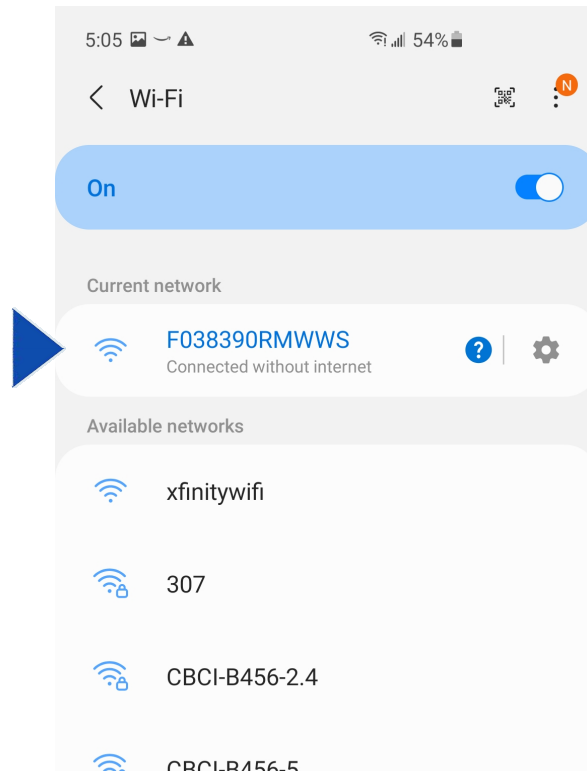
Windows Mobile

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

5. WiFi Connection Setup

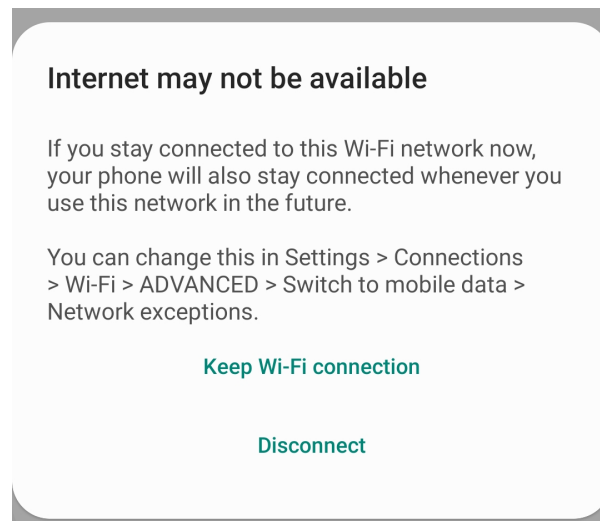
Please ensure to follow the previous step; **Camera Startup** to make sure the camera device is broadcasting it's own WiFi network.

In your smartphone, enter the mobile phone Wi-Fi settings, find the camera's WiFi network as shown as a sequence of character seen below and connect to it.



NOTE: please ensure "Mobile data" and "Wi-Fi Assist" features are disabled to prevent your phone from automatically using another network.

You may get a prompt warning that the internet is not available. If so, choose to **Keep Wi-Fi connection**.



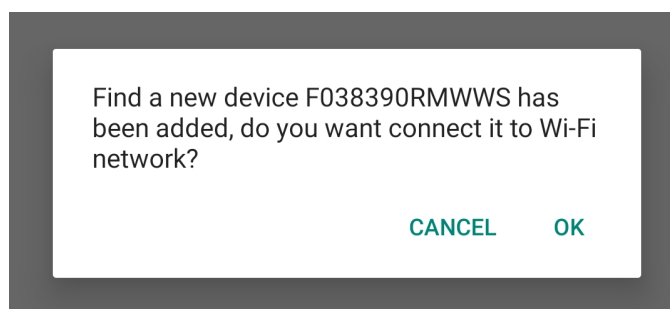
Your phone should now be connected to the camera device.

6. Hotspot Mode

This section is so you will be able to view the camera live on your phone using the the LookCam app. No WiFi is required if your phone is within 30 feet range of the NODE.

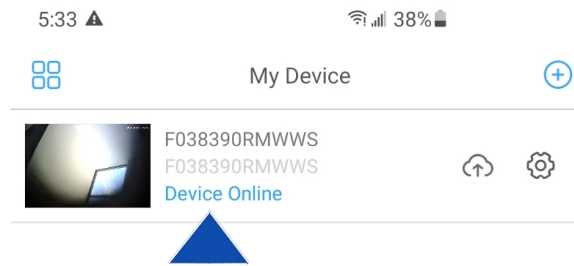
This mode of operation is ideal if the NODE is installed in your car or beyond the range of a WiFi network.

After completing the previous section, when you first open the LookCam app, the app will automatically prompt you to add the new camera device.

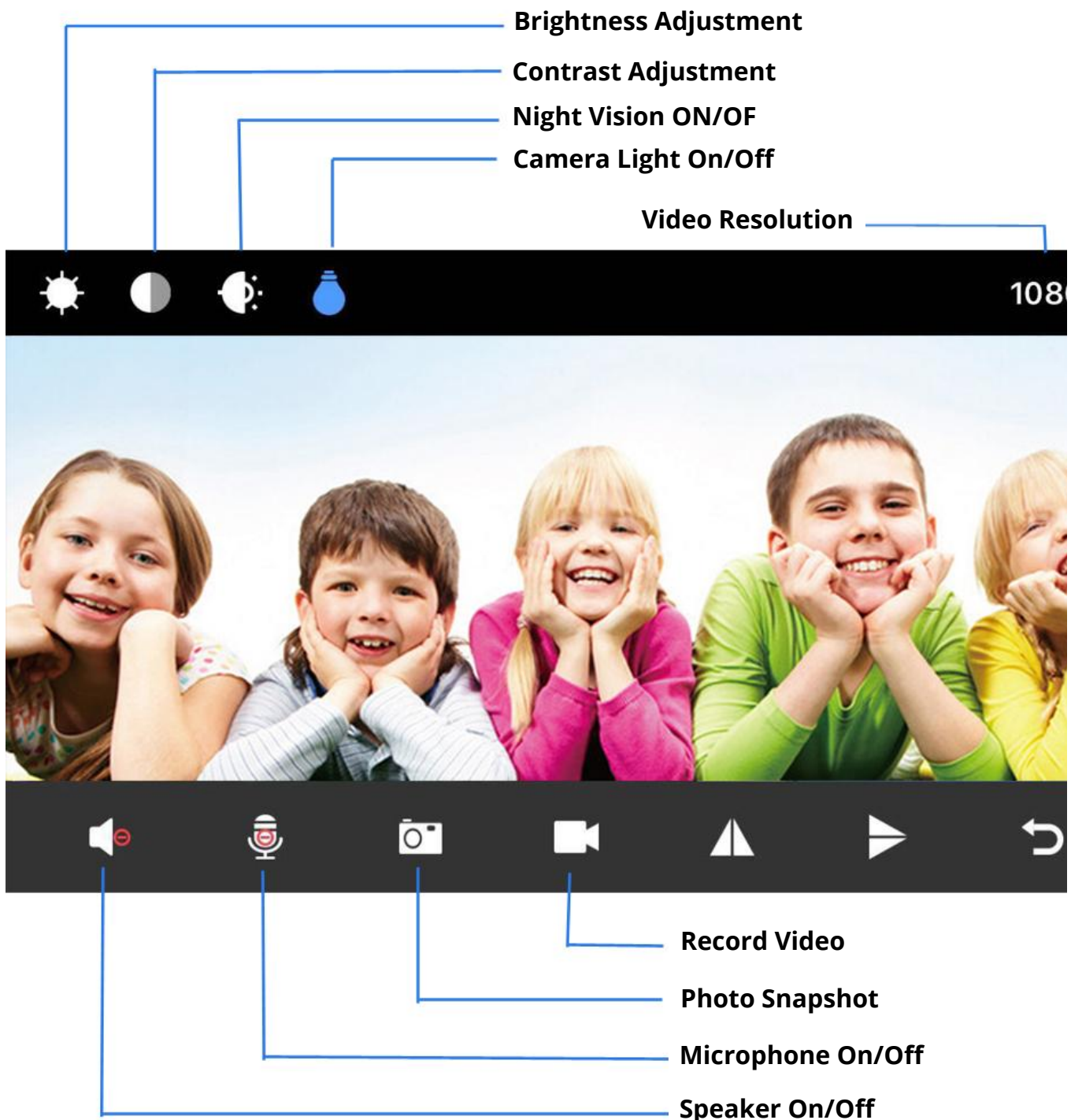


If you dont get a prompt, either it may be already connected, the phone did not connect to the hotspot on the previous section or you may have connected to the wrong network.

When you see "**Device Online**" in the listed item, you may tap on it to open the live camera feed.



You may be prompt to setup a new password. You can **cancel** it for now to preview the video.



7. Network Integration

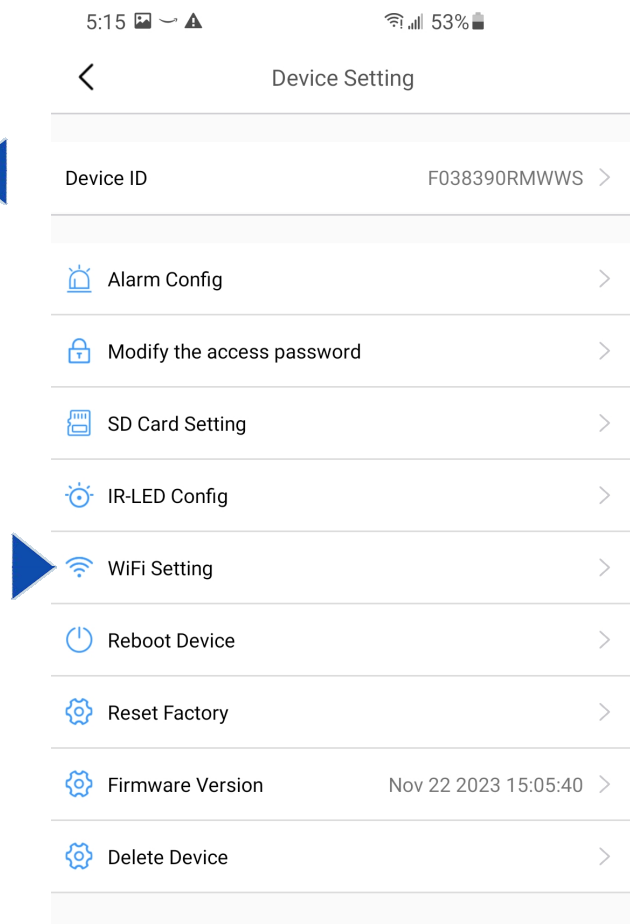
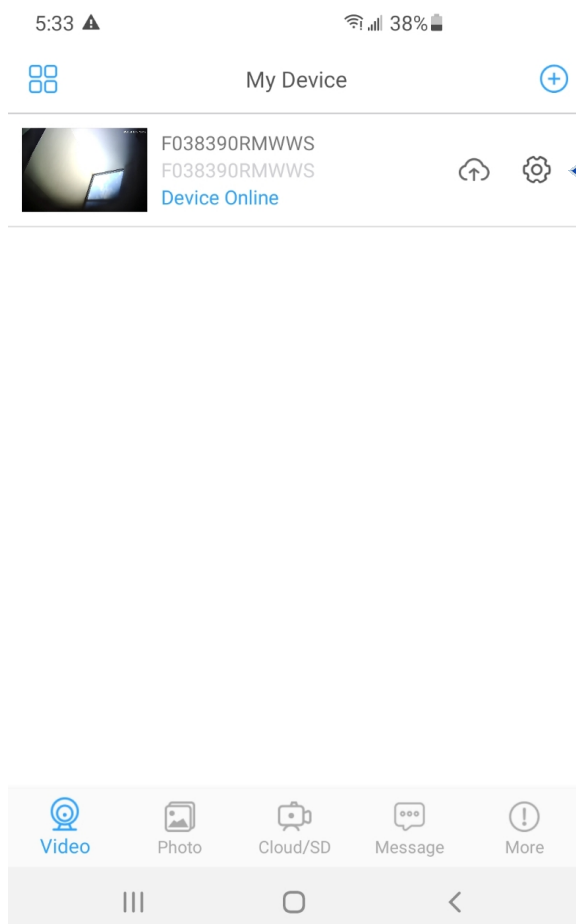
Please read the previous section; **Hotspot Mode** before continuing.

This mode of operation is so you can access the camera live view from anywhere using the LookCam app on your phone as long as your phone has internet access.

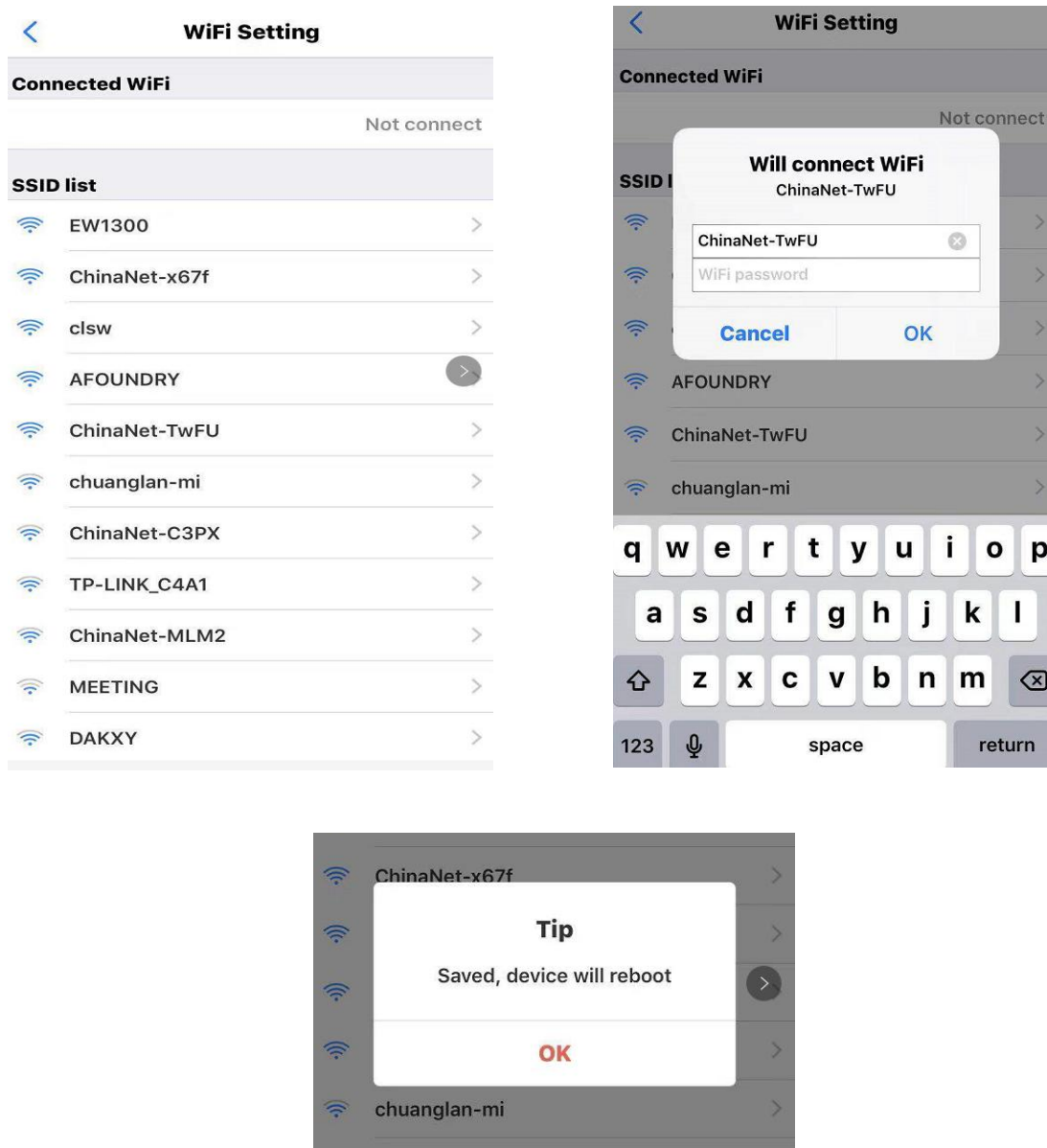
The NODE has to be within range of a WiFi network, and you will need to know your WiFi network ID and password.

Click the settings icon ⚙️ → WiFi Setting → Choose your local WiFi → Enter you WiFi Password → Click OK.

Wait 60 seconds for the camera to restart. The camera will now broadcast through your local network so you can remotely access the camera using the LookCam app.



Select your WiFi network so the the camera can connect to it, and enter the password.

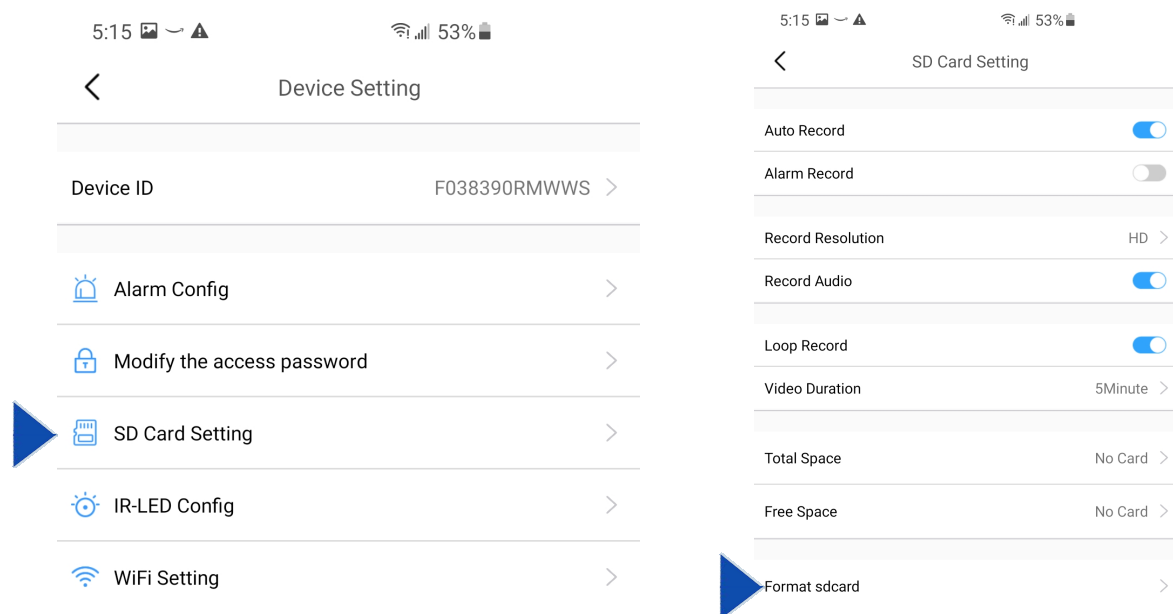


The camera will connect to the internet via your local WiFi, check on the main screen for "[Device Online](#)" after 60 seconds.

You may now connect your phone back to the local WiFi. In your smartphone, enter the mobile phone WI-FI settings, and choose your local network.

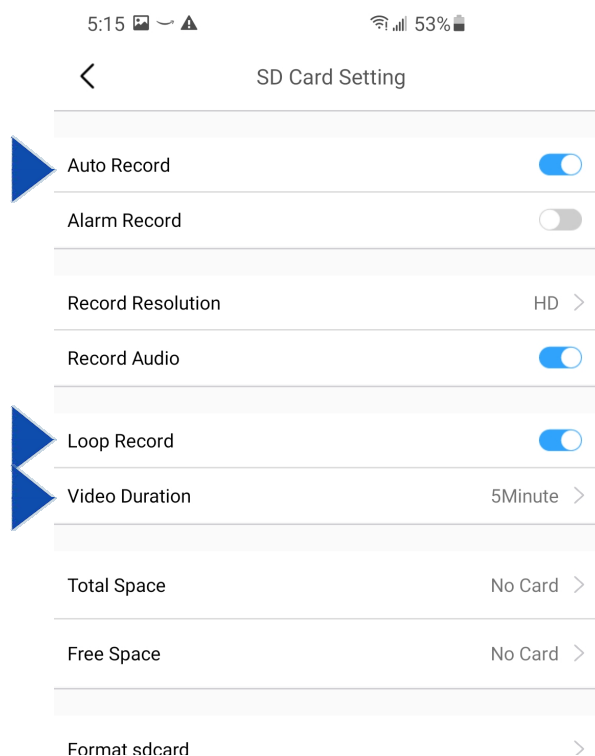
8. Recording & Playback

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".



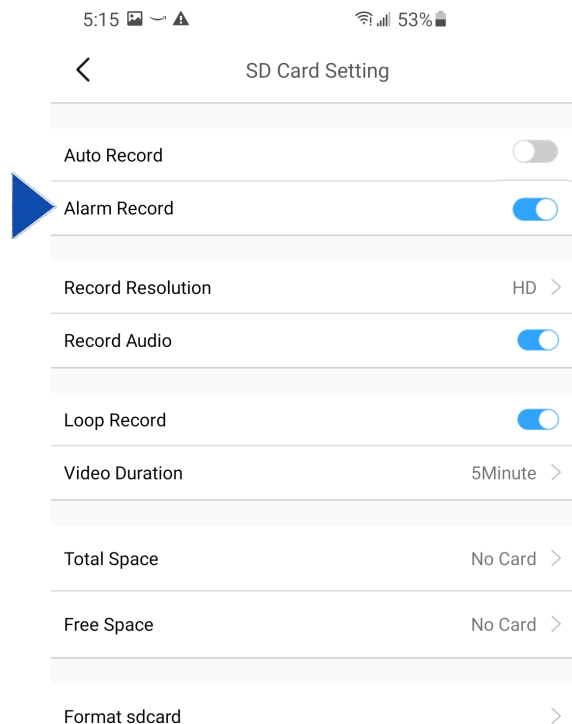
Continuous Video Recording

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 the with 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**.

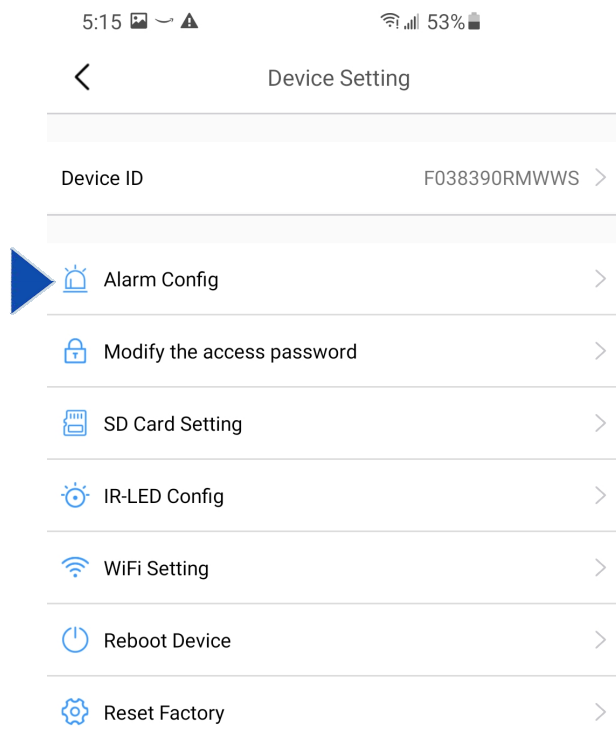


Motion Activated Video Recording

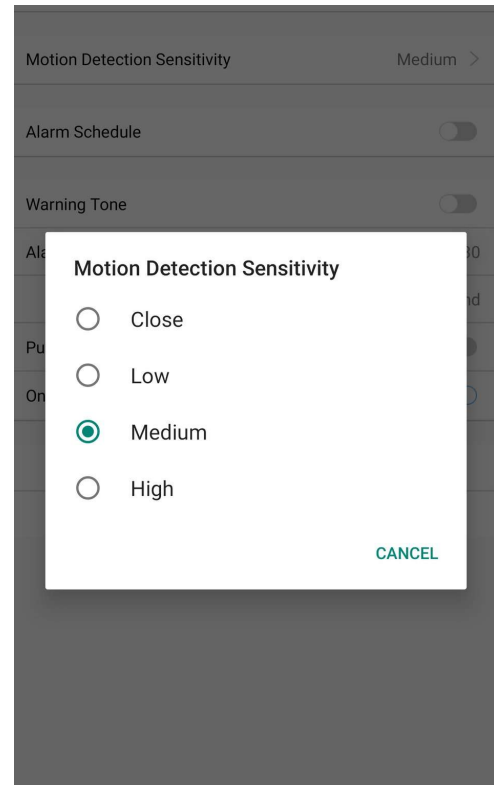
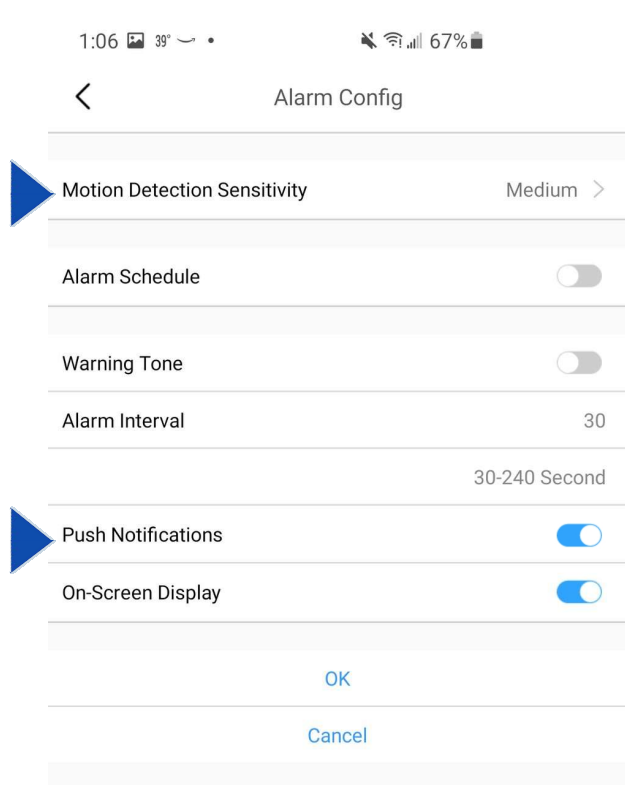
For video recording only when motion is detected, in the **SD Card Settings** menu turn on the **Alarm Record** setting.



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

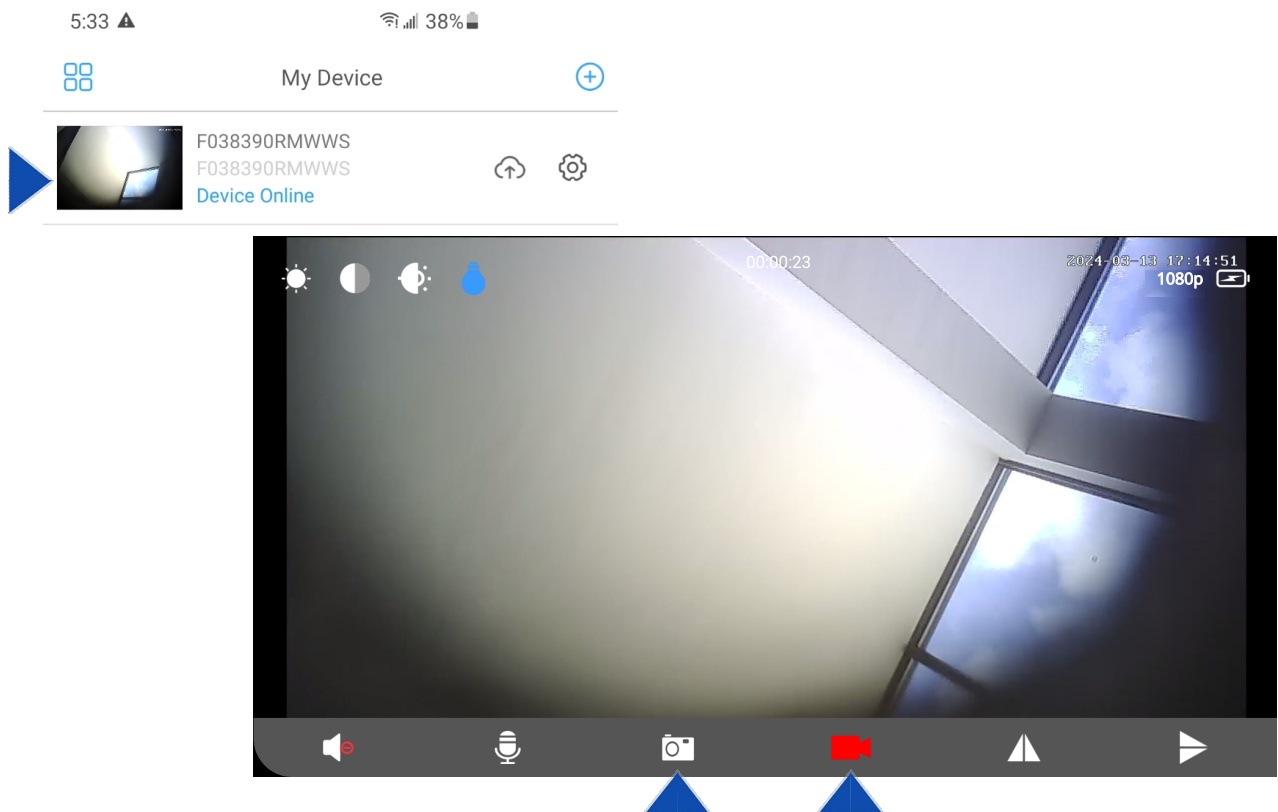


You also have the the option to recieve **Push Notifications** on your phone every time motion is detected.



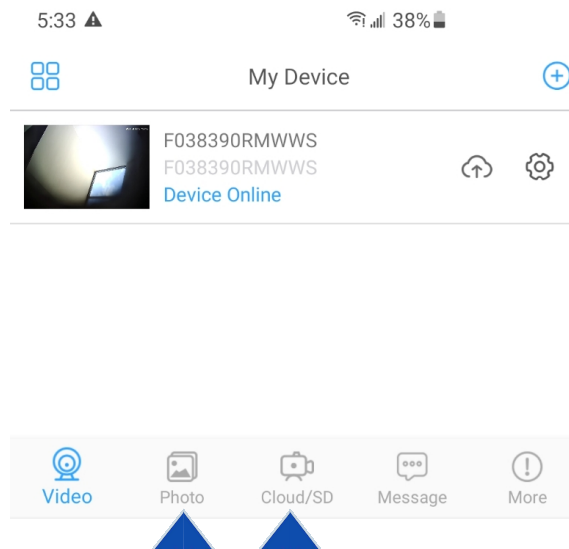
Manually Recording

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	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 distance	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