#### **FCC Statement:**

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 to an outlet on a circuit different from that to which the receiver is connected.

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.

Note: Modifications to this product will void the user's authority to operate this equipment.

## FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

# Operation



### Set on your vehicle

The wifi device comes with magnets. Use the device attach to your vehicle back like following picture.



### **Dust ring**

The dust ring can be rotated to cover the lens and plugs when the camera is not in use.

#### Charging

With power switch in off position, connect the camera to a computer or power supply with the included USB cable. While charging, the red light will illuminate and then shut off when it is fully charged. The camera can be operated while charging; this will be indicated by the blue light flashing and the red light staying solid.

# **Downloading IOS App & Android App**

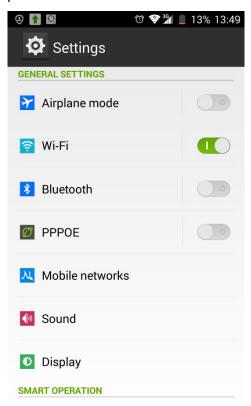
Please download the appropriate app for your device. The IOS app is available free in the Apple Store, and the Android app free in the Google Play store. Search for "Ramcam" to locate. Power on/Connecting to the App

Slide the on switch to "ON" position. When blue light stays solid the device is in startup mode. Once the blue light begins to slowly blink it is ready to connect to your device. NOTE: For IOS (Apple) the WiFi must be connected before using the app, connect to the cameras WiFi hotspot before opening the app (instruction) below). For Android, WiFi will connect automatically when the app is opened.

## To connect to the WiFi on an IOS device:

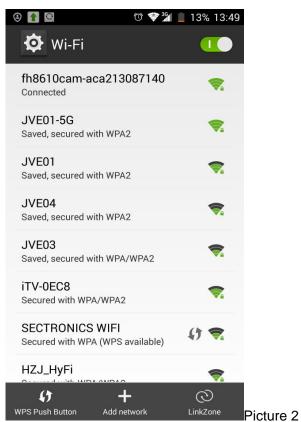
Open "Settings", find the "WiFi" tab and open it, watch for a WiFi device named "fh8610cam-aca\*\*\*\*\*, select it, and then use the default password:"12345678" when prompted. Once the device is connected, exit "Settings" and open the RamCam app. Please follow blows

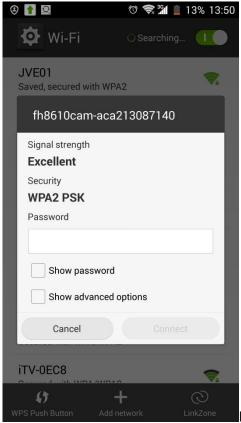
# pictures:



One-hand operations

Picture 1





Picture 3

### **Rotate Screen**

Click "Screen Rotate" button to rotate the cameras view.



**Recording & Taking Photo** 

Use the red circle icon to start recording video. The video will be recorded onto the connected device not onto the camera and will continue to record until it is pressed again to stop or transferred to the Camera role on the IOS device. To take a picture, press the camera icon and the current view will be saved to the app's file folder on the device. Photos can be transferred to the "Camera role" folder on IOS devices as needed.

### **LED Light**

Use the "LED light" bulb button to turn the LED on and off.



# Setting adjustment

The settings button brings up controls for the picture quality and also to allow changes to the password settings on the camera.

#### **File Access**

The "playback" icon allows access to the files record on the device via the camera app, and allows the user to transfer the files as required for use in email or elsewhere.

#### Auto shut down

If the battery voltage drops below a set point the camera will automatically shut down. This will be indicated by the blue light flashing rapidly. Be sure to switch the device off if this happens.

Use the High Strength magnets on the camera's mount to attach to vehicles, trailers, or anywhere there is a magnetic surface available. Connect your viewing device to the camera using the built in WiFi hotspot in the camera (see below for details). Adjust the view on the camera as required

using the connected device as viewer, then back up extra eye where ever you need it.

# Always be sure you have that latest updates for both the viewing device and the app. App does not connect to camera

Be sure the WiFi is connected before opening the app on IOS devices. On Android, be sure the password is set correctly in the app and that the camera shows as connected in the Android devices WiFi connections screen. NOTE: Android devices vary in terms of where the WiFi connections screen can be found. Please refer to the manufacturer of the devices instructions for clarification.

Once the WiFi is connected to the camera, if the app still does not connect, try shutting the app down and restarting. Be sure the app is completely closed before restarting, not just running in the background but not shown on screen,

If the app locks up/freezes the image, turn the app off and then back on and see if it solves the issue. If this does not work, shut down the camera and the app, wait a few seconds, and then re-connect.

## Screen Rotation/ Image adjustment

Use the viewing devices screen lock function with the rotation button in the app to hold a specific view as needed. This can help to maximize the view on the device's screen.

Use the full screen zoom button to zoom on smaller screen devices. On the IOS app you can scroll around the zoomed image with your finger to see all of the available view even though it does not show all at once.

Use the Contrast and Brightness controls in the "Settings" tab to adjust for bright sunlight or low light conditions.

If the video playback slows down and is not keeping up with movement, restart the app to reset the connection. If that does not work, try re-connecting to the WiFi. This can be due to interference from other devices nearby.

#### **Battery**

The battery should hold a charge for at least 6 months at a time if fully charged but it should be recharged as least once every few months to ensure no damage comes to the battery. There is a low voltage shutoff function on the camera that automatically shuts it down, but the switch should not be left on once the camera shuts itself off, and the camera should be recharged as soon as possible to keep from damaging the battery. If the switch is turned on and the camera does not start, charge for a few minutes and try again.

## **General suggestions:**

The camera is not waterproof and could not be used in rain or wet environments.

Remember not to drive at high speeds with the camera installed on the outside of a vehicle; it is only designed for low speed use.

Use the dust ring to protect the lens and the USB charging point when the camera is in storage.

Always check the USB charging point to be sure noting is inside that might stop the plug form being properly inserted, never force the plug.