



MODEL

AC50W

1080P WIFI  
AC Adapter  
IP Camera

# USER MANUAL



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MID: AC-1080WF

### **1 Year Warranty**

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This Device is 100% Compliant  
with USA Surveillance Laws

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In order to comply with **18 U.S. Code § 2512** federal law, the audio recording function has been removed from the AC50W. You can rest assured that this device is 100% legal to use in the USA. Please be familiar with your country and state surveillance laws before using this product. RecorderGear products are sold NOT for illegal use and are sold for their intended legal use only.

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# Quick Set-up

## **A. Insert Micro SD Card:**

If you wish to record video to an SD card, please insert a memory card. This device can support up to 64GB micro SD card. Without a memory card inserted you will still be able to view the live video feed, receive email alerts, and record video to your iOS/Android Device.

## **B. Power Device On/Off:**

To power on, plug the AC50W into a 110V-240V power outlet. The AC50W will automatically start recording to the SD card. To power off, unplug it from the power outlet; it will stop recording and the current recording will be saved.

## **C. Install iOS/Android APP:**

The FUVISION App can be found on the Google Play and App Store. Visit your preferred store and download the APP.

## **D. Device/Camera ID and Password:**

The AC50W Camera ID and Password can be found on the sticker on the back of the AC50W.

### **IMPORTANT**

To use the AC50W as an IP camera and view video remotely, you MUST complete steps 2-5 and 6f.

# 1 Start/Stop Recording To a Memory Card

- A.** Make sure an SD card is inserted in the AC50W (not included).
- B.** Plug the AC50W into a 110V-240V power outlet. It will power on and automatically begin to record video to the SD card.
- C.** Loop Recording: When the memory card is full, the AC50W automatically starts recording over the oldest video files; it will continue to record even if the memory card becomes full.
- D.** Video files are recorded in 50mb (about 2 min 15 sec) segments to avoid large files sizes. This interval can be adjusted using the FUVISION App (refer to section 10e).
- E.** To stop recording, unplug your AC50W from the power outlet. This stops the recording and the file currently being recorded is saved to the memory card.

## 2 Download FUVISION APP

Please follow the instructions and make sure you have successfully completed this section before proceeding.

**A.** Visit the App Store for iOS devices or the Google Play store for Android devices.

**B.** Search for the APP “FUVISION”.

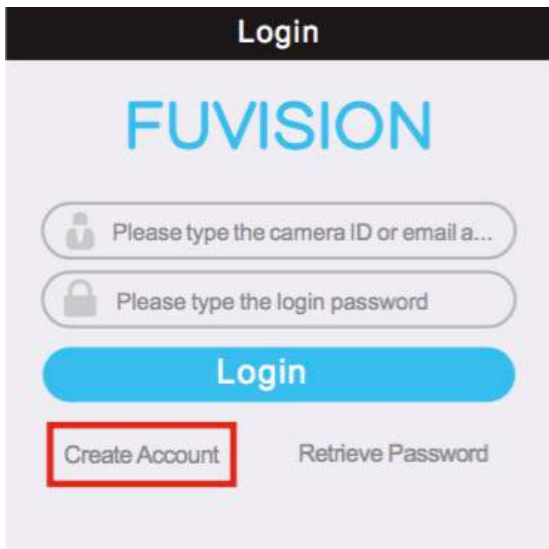
**C.** Download and install on your iOS/Android Device.

## 3 FUVISION Account Setup

You will need to set-up a user account in order to use the FUVISION APP.

**A.** Make sure your iOS/Android device is connected to Wi-Fi or cellular network.

**B.** Open the “FUVISION” APP and tap “Create Account”. [see pic #1 below]



Login

FUVISION

Please type the camera ID or email a...

Please type the login password

Login

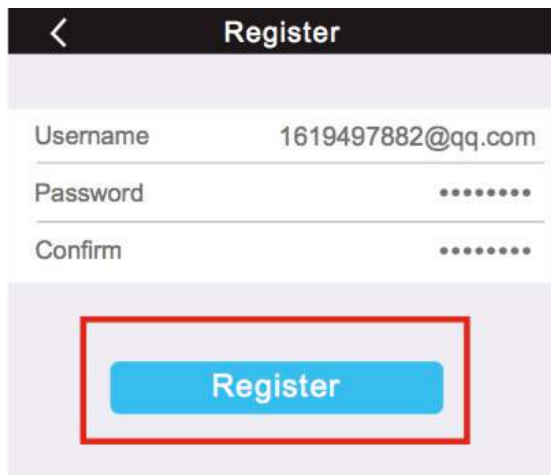
Create Account

Retrieve Password

*pic 1*



**C.** Fill in all the necessary information and click “register” to complete the account creation process. **[see pic #2 below]**



**< Register**

Username 1619497882@qq.com

Password .....

Confirm .....

**Register**

*pic 2*

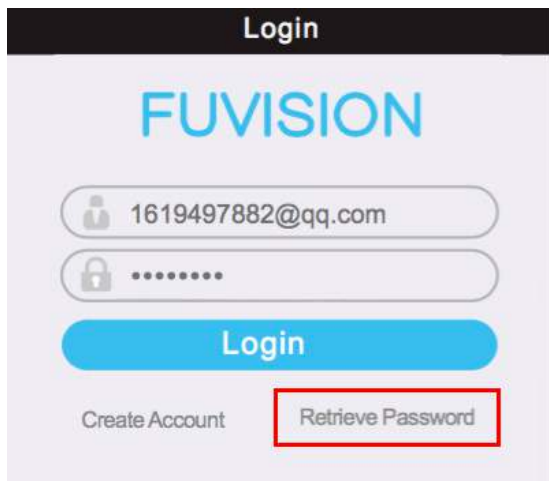
**D.** Next, tap “login”. [see pic #3 below]



*pic 3*

**E.** After you login, you will see the “Device List” screen. No devices are listed yet because we still need to connect to the AC50W’s WiFi signal (see step 4).

**Note:** If you already created an account but lost the password, simply enter in the registered email address and tap “Retrieve password”; Go to your email account to access the new password. If you do not receive an email with the new password, please check your “JUNK” mail box.  
**[see pic #4 below]**



Login

FUVISION

1619497882@qq.com

.....

Login

Create Account

Retrieve Password

*pic 4*

# 4 Connect iOS/ Android Device to AC50W WiFi

In this step, you will learn how to connect your iOS/Android device to the WiFi signal of the AC50W camera.

**A.** Take note of your camera ID and password on the back sticker of the AC50W.

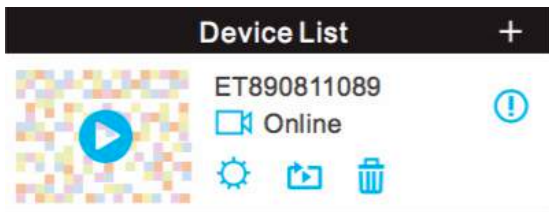
**B.** Plug the AC50W to your desired wall outlet to turn it on. Wait up to 2 minutes for the device to turn on and be ready for use.

**C.** Open the WiFi menu in your iOS/Android device settings; then select your camera ID Wi-Fi network (example name: ET890911089) This is the Wi-Fi signal that your AC50W is transmitting. The default password is "9999". Note: There is a 2 minute WiFi setup delay time the first time you connect the AC50W to your iOS/Android device. **[see pic #5 below]**



*pic 5*

**D.** After connecting to the AC50W's WI-Fi, go back to the FUVISION APP and on the Device List page, the camera ID should be listed. If there is no camera ID listed, please refresh the page by pulling down on the device list page repeatedly until the ID comes up. **[see pic #6 below]**



*pic 6*

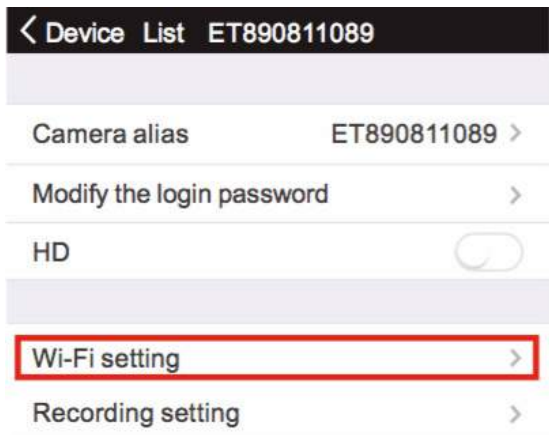
# 5 Connect AC50W to Home/Business WiFi

After you have connected your iOS/Android device to the AC50W WiFi, you can then connect the AC50W to your home/business WiFi network. This will enable you to use the AC50W as an IP camera, view video remotely, and receive motion trigger email alerts (see steps 8-9).

**A.** When the AC50W ID is visible in the device list & online, click on the settings icon to access the settings menu; then, choose the WiFi setting option. **[see pics #7 and #8 on the next page]**



pic 7







pic 8



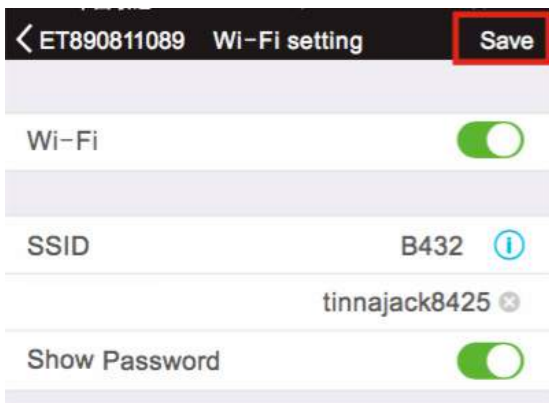
**B.** Enable WiFi and click on the icon to the right of SSID, then choose your SSID (name of home/business WiFi network). **[see pic #9 below]**

The screenshot shows a mobile application interface for Wi-Fi settings. At the top, a dark header bar contains a back arrow, the text "ET890811089", the title "Wi-Fi setting", and a "Save" button. Below the header is a light purple separator bar. The main content area has a white background. It starts with a "Wi-Fi" label followed by a green toggle switch that is turned on. Another light purple separator bar follows. Then, there are three rows of settings: "SSID" with the value "B432" and an information icon (i); "Password" with the value "tinnajack8425" and a clear icon (x); and "Show Password" with a green toggle switch that is turned on. A final light purple separator bar is at the bottom.

< ET890811089		Wi-Fi setting	Save
Wi-Fi			
SSID	B432		
Password	tinnajack8425		
Show Password			

*pic 9*

**C.** Type the correct password to your home/business WiFi network, then tap “save” to save WiFi Settings. **[see pic #10 below]**



*pic 10*

**D.** A window should pop up to show successful configuration.

**E.** Now click the confirm button. Once the connection between the AC50W and your home/business WiFi has been established; the AC50W will make a sound to notify you of the successful connection.

**F.** The AC50W will restart to finish the setup. This will take approximately 2 minutes. While the

AC50W is restarting, the camera ID will disappear from the “Device List” in the APP. Make sure to refresh the list to bring up available cameras.

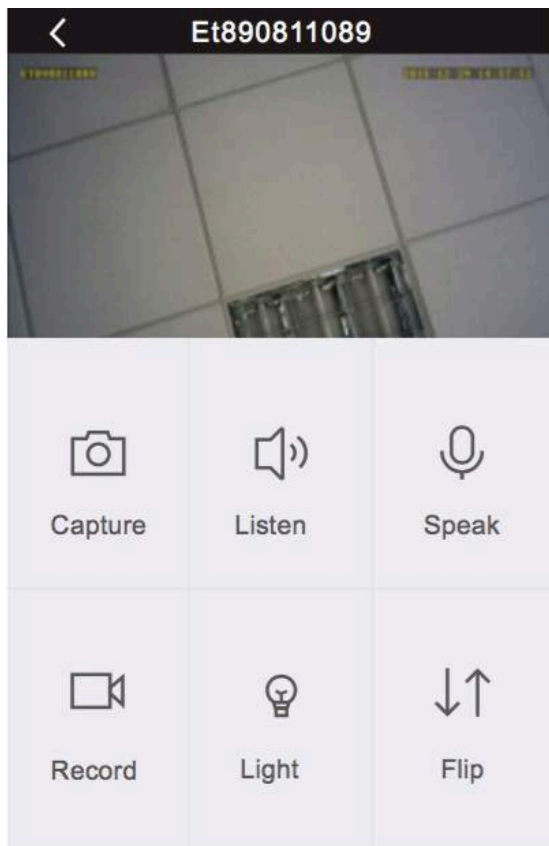
**G.** Once your camera ID re-appears in the ‘device list’ click on the Camera ID to start monitoring.

**H.** The AC50W remembers the last home/business network it was connected to. The next time you plug it in for use, it will atomically connect to the network and be ready for use.

## 6 About the FUVISION App

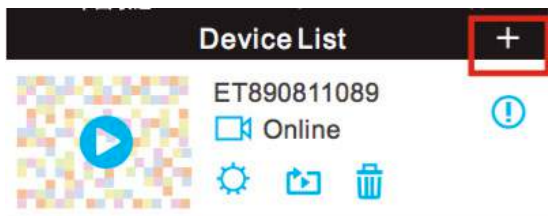
By now, you have successfully downloaded, installed, and set up the app to work with the AC50W. This section will help you understand the functions in the app and how they work.

**[see pic #11 on the next page, it corresponds to steps A - D]**

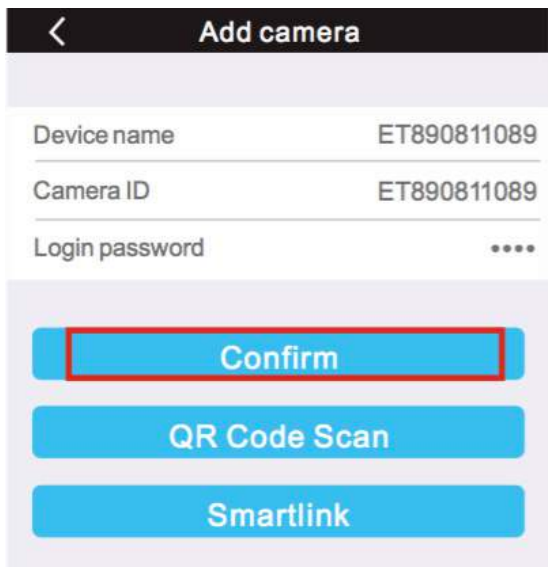


*pic 11*

- A. Capture:** Tap to take photos.
- B. Speak:** Tap to speak to anyone close to the camera.
- C. Record:** Tap to record video to the FUVISION "Album". When you start and then stop recording, it records a section of video to the "Album" (see step 6h). The AC50W is always recording to the SD card regardless of whether you start/stop record here.
- D. Flip:** Orient video to your preferred orientation.
- E. Add/Remove Cameras:** Select this icon to add or remove cameras. This App will control multiple cameras. Enter the device name, camera ID and password then tap confirm.  
**[see pics #12 and #13 on the next page]**

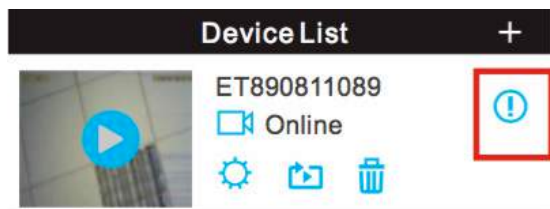


*pic 12*



*pic 13*

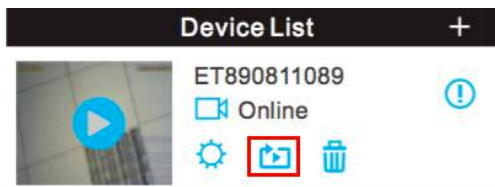
**F.** Add AC50W to FUVISION Account (complete step 5 first): Select this icon (pic #14) to add the camera to your FUVISION account (see step 3) camera list. A window will popup on your screen. Tap on the confirm button to add the AC50W camera to your FUVISION account. Now you will be able to log into your FUVISION account from anywhere, on any device and it will display in the list. **[see pic # 14 below]**



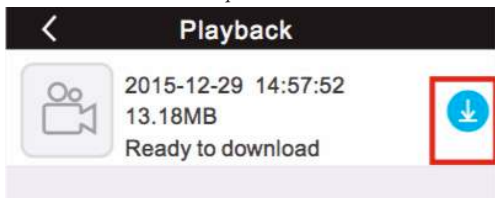
*pic 14*

**IMPORTANT:** To watch the live stream remotely, you **MUST** complete the above step.

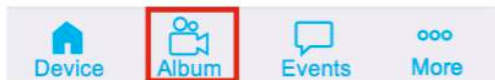
**G. Download files from SD Card:** The playback list displays video files that are stored on the memory card. Tap the playback icon (pic #15) to view and download. To download, tap on the icon to right of the video you want to save. After it is downloaded you will see a check mark. Downloaded files can be found in the “Album” (icon is located at the bottom of the app). **[see pics #15, 16 and 17 below]**



*pic 15*



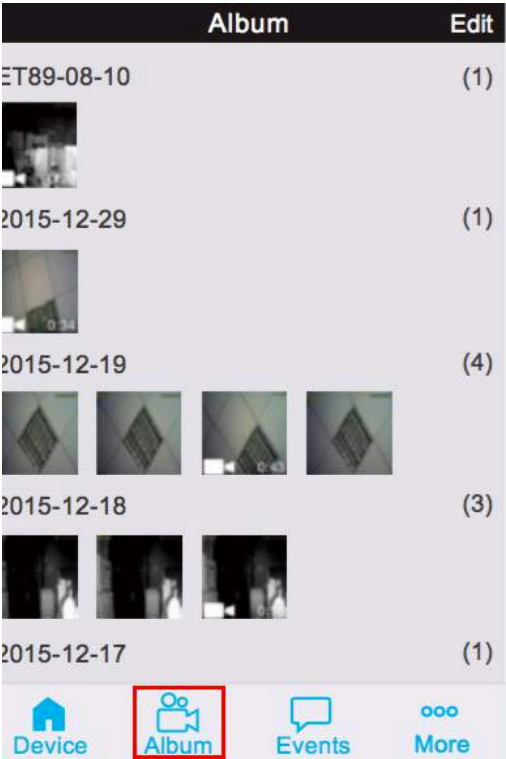
*pic 16*



*pic 17*



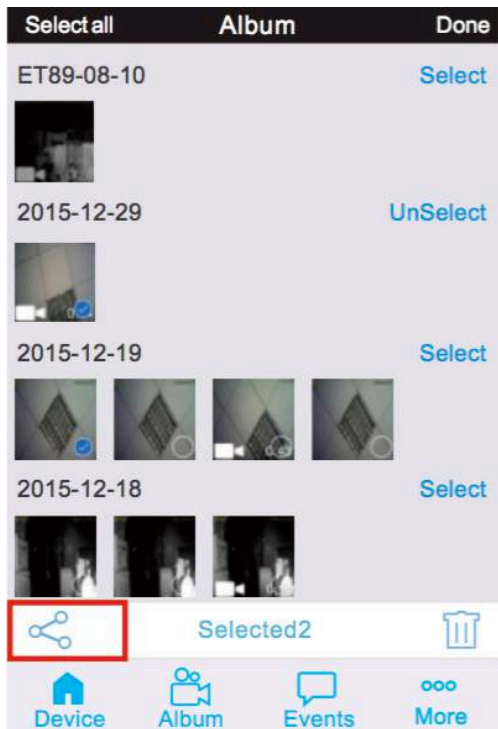
**H. The Album:** This contains files downloaded from the SD card and files captured during live feed viewing. Tap on a file to play it back.  
**[see pic #18 below]**



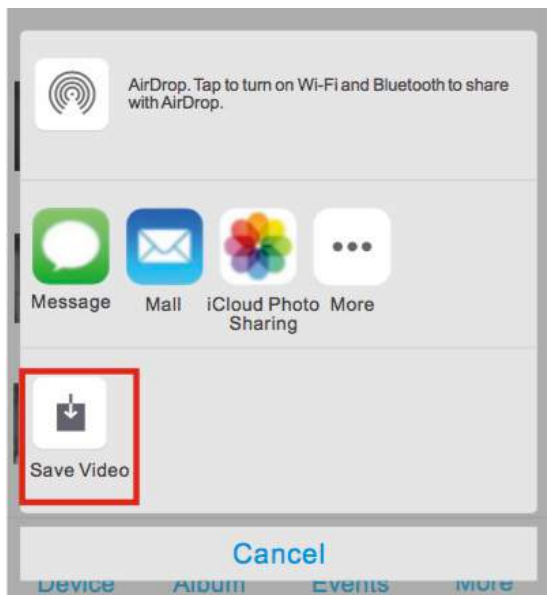
pic 18

I. Save videos to iphone/android camera roll:  
While in the album tap "edit" in the top right corner, then select the files you want to save. Tap the share icon then select save image.

**[see pics #19 and 20 below]**

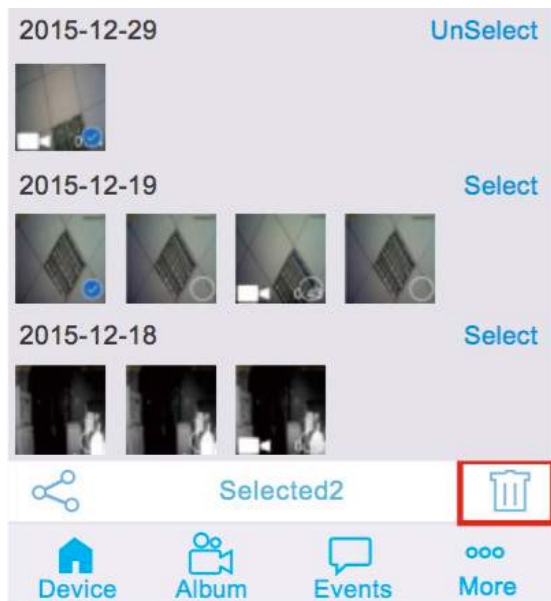


*pic 19*



*pic 20*

**J. Delete files from album:** While in the album tap “edit” in the top right corner, then select the files you want to delete. Tap the delete icon to delete selected files. **[see pic #21 below]**









*pic 21*

**K. Events:** This section allows you to access all motion detection notifications. Notifications can also be deleted here.

**[see pics #22 and 23 below]**



*pic 22*

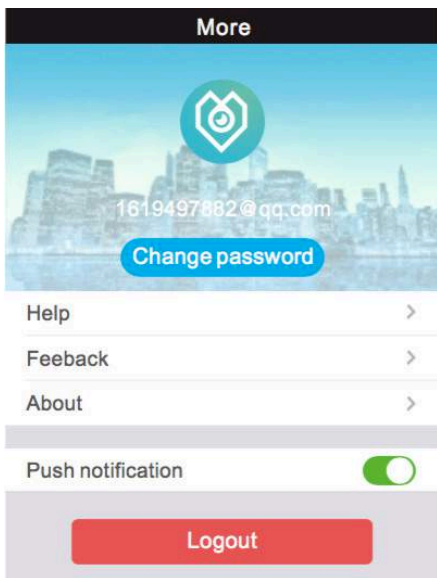
Events			
	ET890810709 2015-12-29 12:31:42	Motion detec...	
	ET890810709 2015-12-29 12:31:36	Motion detec...	
	ET890810709 2015-12-29 12:31:30	Motion detec...	
	ET890810709 2015-12-29 12:31:24	Motion detec...	
	ET890810709 2015-12-29 12:31:18	Motion detec...	

*pic 23*

**L. More:** This section allows you to edit the password to your FUVISION account, enable/disable push notifications, and logout of your account. **[see pics #24 and 25 below]**



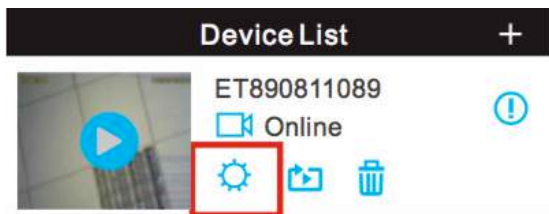
*pic 24*



*pic 25*

# 7 Motion Detection Mode

In this mode the AC50W will record only when motion is detected. **[see pic #7, 26, 27 below]**



*pic 7*



*pic 26*



*pic 27*



**A.** To activate motion detection, tap the settings icon.

**B.** Select the “Recording Settings” option.

**C.** Select Record Mode and select Motion detection record from the List. Click Save on the top right conner to approve changes.

**Note:** The device will default back to continuous recording when powered off and on.

## 8 Email Account Set-up

You can setup the email address you want all motion detection alerts to be sent to.

**[see pic #7, 28, and 29 below]**



*pic 7*

< Device List ET890811089

Camera alias ET890811089 >

Modify the login password >

HD ☐

Wi-Fi setting >

Recording setting >

FTP setting >

Alarm setting >

Email setting >

System setting >

pic 28

< ET890812374 Email setting Save

Sender email abc@gmail.com

SMTP password .....

Your SMTP server smtp.gmail.com ⓘ

SMTP port 587

Receiver email abc@gmail.com

Data encryption USE\_TLS >

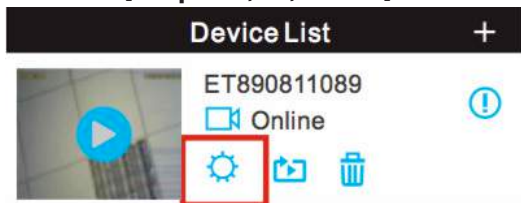
Email testing

pic 29

- A.** Tap on the settings icon. In the settings menu, tap on the Email settings option.
- B.** The sender email is the email address that email alerts will be sent from. The SMTP password is the password to this email account.
- C.** Fill out the receiver email to specify which email account will receive alerts.
- D.** Send/receive email addresses can be the same or different.
- E.** Click Save on the top right corner to approve changes.

## 9 Motion Trigger Email Alerts

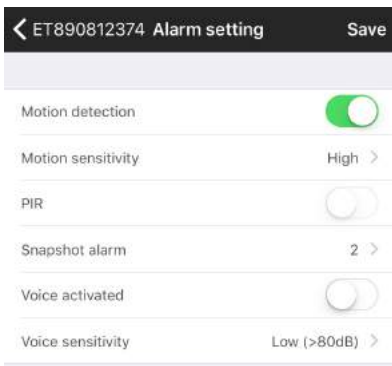
This section allows you to enable/disable the Motion detection email alerts. Each time motion is detected you will be emailed a video screenshot. **[see pic #7, 30, and 31]**



*pic 7*



*pic 30*

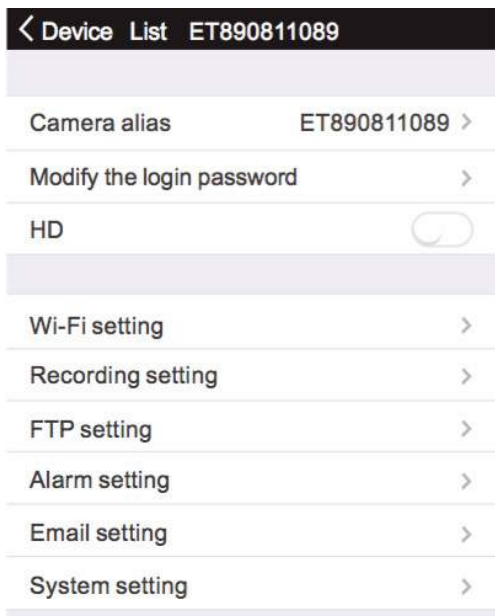


*pic 31*

- A.** Tap on the settings icon.
  - B.** Tap on the Alarm settings option.
  - C.** Enable the motion detection alert; this will send you an email alert anytime motion is detected even if the video recording mode is set to motion detection or continuous recording mode (make sure your email is set-up, see step 8)
  - D.** Choose your desired motion detection sensitivity level
  - E.** Click Save on the top right corner to approve changes.
- NOTE:** Audio recording options are disabled on the AC50W.

# 10 Device Settings

[see pic #32 below]



*pic 32*

**A.** Camera alias: Edit the name of your camera to a name you prefer.

**B.** Modify the login password: Edit the AC50W's password. Note: The default password is 9999. (password is used for Wi-Fi & other functions)

**C.** HD: Change the resolution of the live video feed.

**D.** Wi-Fi setting: Enable/disable the Wi-Fi. (refer to section 3)

**E.** Recording settings: Select the video recording mode you want, change the video recording file size, check the SD card memory capacity, and format SD card.

**NOTE:** Audio recording options are disabled on the AC50W.

**F.** FTP settings: Setup the AC50W to upload video files to an FTP server. NOTE: If you are not familiar with FTP servers, we recommend that you contact a local IT specialist to help you set this up.

**G.** Alarm setting: Enable/disable motion detection, choose motion sensitivity. NOTE: Audio recording options are disabled on the AC50W.

**H.** Email setting: Setup an email account you want alarm snapshots sent to.

**I.** System setting: Allows you to restart the camera, factory reset, and update the firmware of the camera.

# Specifications

Image sensor	5.0 Megapixel HD
Video compression	H.264 high profile, JPEG snapshot
Lens	3.7MM
Mini.illumination	0.01LUX
Frame rate	30fps NTSC, 25FPS PAL
Resolution	1920*1080
Video bit rate	2Mbps~4Mbps
IR cut filter	Yes
Microphone	Built-In (for audio monitoring,Effective up to 5m(16ft)
1-way audio	Yes
Recording mode	Motion detection,manual,and schedule
Storage	Record to local SD (up to 64GB,not included); record to remote PC; Video or snapshot



<b>Playback</b>	playback vis SD reader; real time remote playback
<b>Motion detection</b>	Video motion detection
<b>Alarm reactions</b>	Alarm photo email; record photo to FTP; record video/photo to sd
<b>Wireless network</b>	wifi-802.11/b/g/n
<b>IP mode</b>	Dynamic ip address; static ip address
<b>Online users</b>	10 users at the same time
<b>Mobile surveillance</b>	Iphone, Android
<b>Push alarm</b>	support
<b>Remote access</b>	yes
<b>ONVIF</b>	support
<b>Power</b>	AC-110-240V



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