

MOMENTUM™ WiFi Video Camera User Manual



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Note: Screen shots and procedures described in this manual are subject to change without notice. The latest Momentum Camera User Guide is always available at our website at <http://www.Momentumcam.com>.

1.) Introduction

This product can be used as a wireless monitoring device that can be accessed anywhere through the Internet. It is easy to set up, requiring only a few steps that take a few minutes. A computer or cable connections are not required and the camera can be easily accessed with any mobile device that has access to a valid Wi-Fi hotspot.

The Momentum Wi-Fi Video Camera can be set up with your smart phone or tablet (iOS or Android) or computer, allowing you to monitor warehouses, shops, offices, or other locations. This connection enables you to verify the care and status of elders, children, pets, etc. at any time and place through the Internet. All recording and viewing is totally under your control.



2.) Getting Started

There are a few things you need to have and do before setting up your camera. You must have a device for accessing the camera. This can be a smart phone, tablet or personal computer. You must also have a wireless router that provides a Wi-Fi interface.



Smart Phone, Tablet or PC

Camera

Wireless Router

Preparation Steps:

- Make sure you have a wireless router to use as a hotspot at your home or place of business before proceeding.
- Make a note of your Wi-Fi name and password so it will be available when needed during setup.
- Verify your mobile device is connected to the wireless network you plan to use for the camera.

3.) Downloading the App

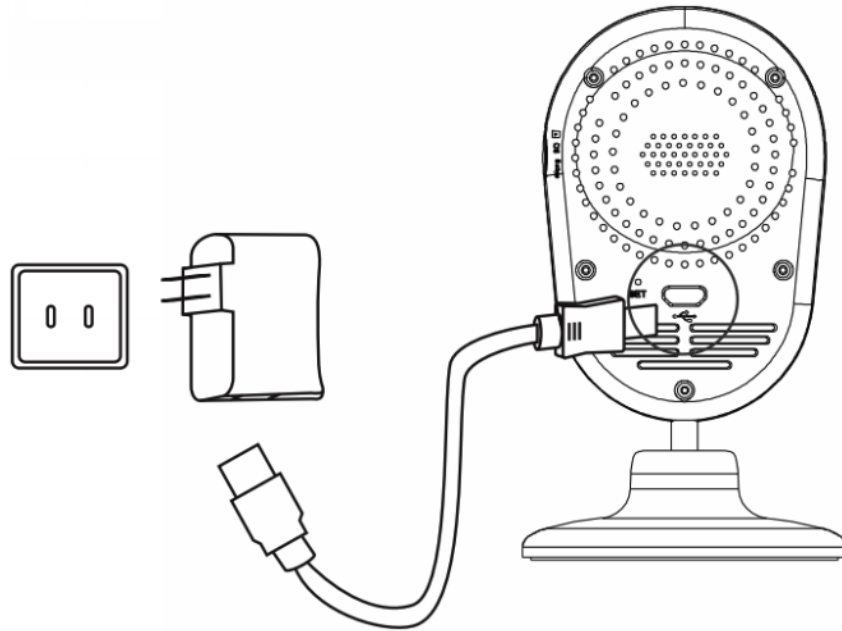
You must download and install the Momentum Camera app before setting up and starting your camera.

Search for “Momentum Camera” at the Google Play Store for an Android phone or tablet, or the Apple App Store for the iPhone.



4.) Setup

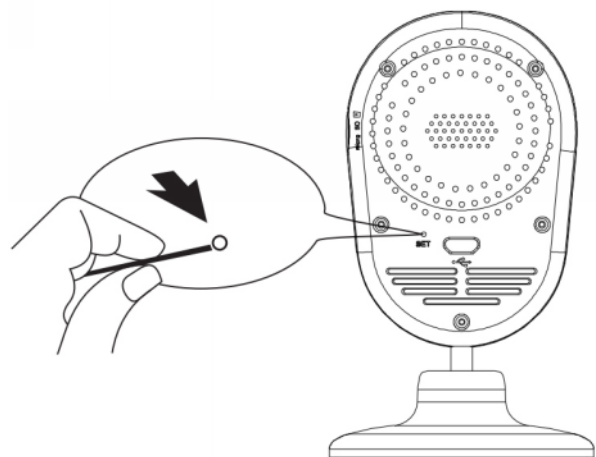
1. Connect the mini-USB end of the cable to the back of the camera. Then connect the other end of the USB cable to the USB power plug and plug it into a power outlet. The red indicator light will turn on.



2. If the camera's indicator is blinking blue, follow the steps under [“Resetting the Camera.”](#)

Resetting the Camera

1. Insert a pin into the **Reset** button on the back of the camera.
2. Press and hold until you hear a beep or see the indicator turn red.



Release the reset button and wait for the system to reboot. This will take about 15 seconds.

5.) Registering, Logging In and Logging Out

With your smart phone or other supported device connected to the Internet, click the **Momentum** icon to launch the app.



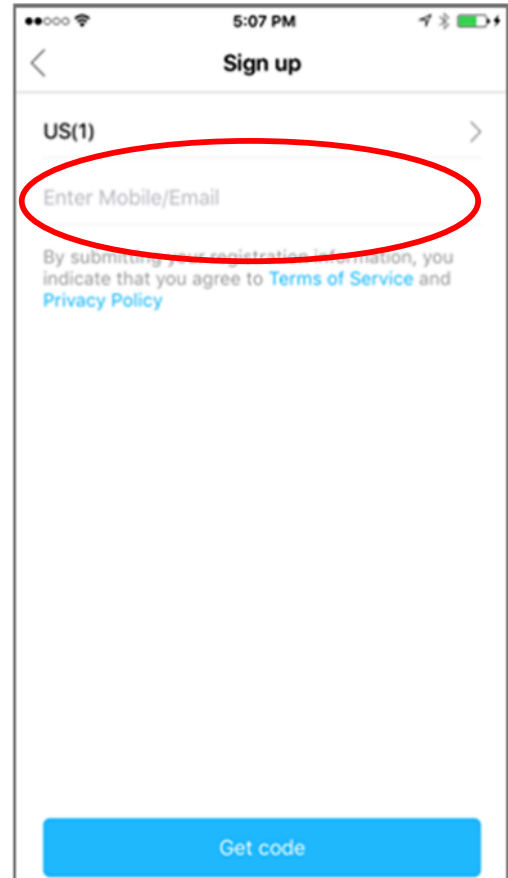
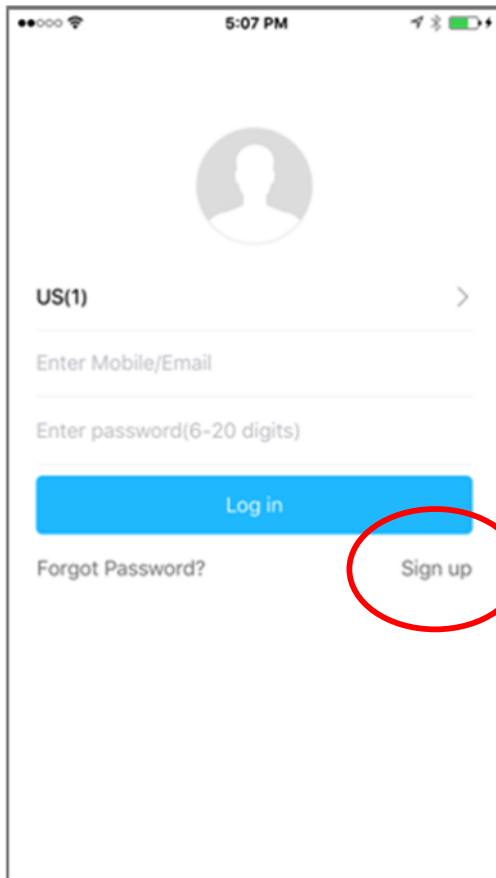
Momentum

1. *If you already have an account, continue with [“Logging In.”](#)*

OR

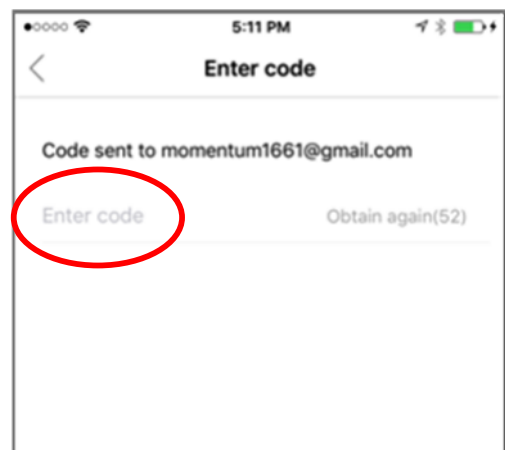
*If you do not have an account, click **Sign up** on the login screen to register first. There are two ways to register—using a phone number or email address.*

- a. After you enter your phone number or email address and password, click **Get code**. A verification code will be sent to you via text or email.



- b. After you receive the verification code, enter it on the screen and click **Next Step**.

Note: If you have a problem receiving your verification code, click **Obtain again** to have a new code sent via phone text or email.



- c. When the **Set Password** screen appears, enter a new password, then type it again to verify you have typed it correctly, and click **Finish**.

Continue with "[Adding Cameras](#)" to add a camera to your account.

Logging In

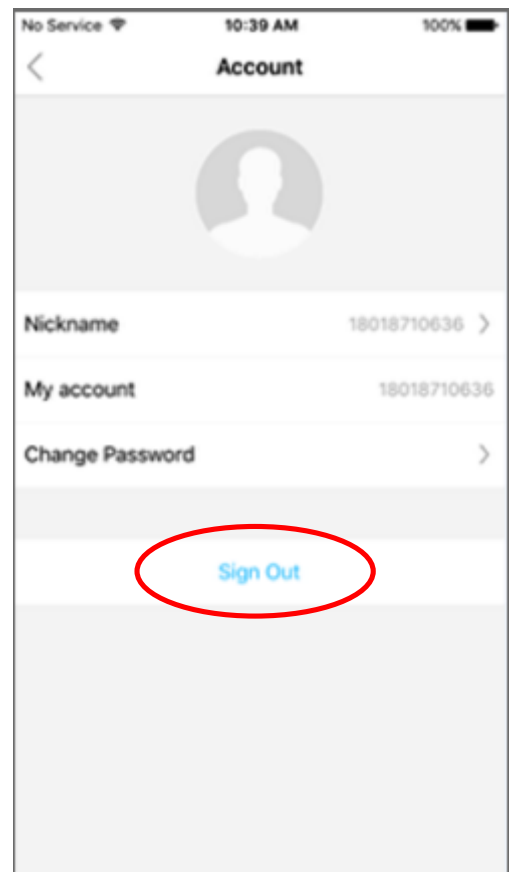
1. *On the login screen*, enter the mobile number or email address you used to set up your account and the password created in the previous step, then click **Login**.

After logging in, the next screen will be the **Add Camera** screen if no device has been set up for this account.

2. To enable monitoring of the new camera, continue with “[Adding Cameras](#).”

Logging Off

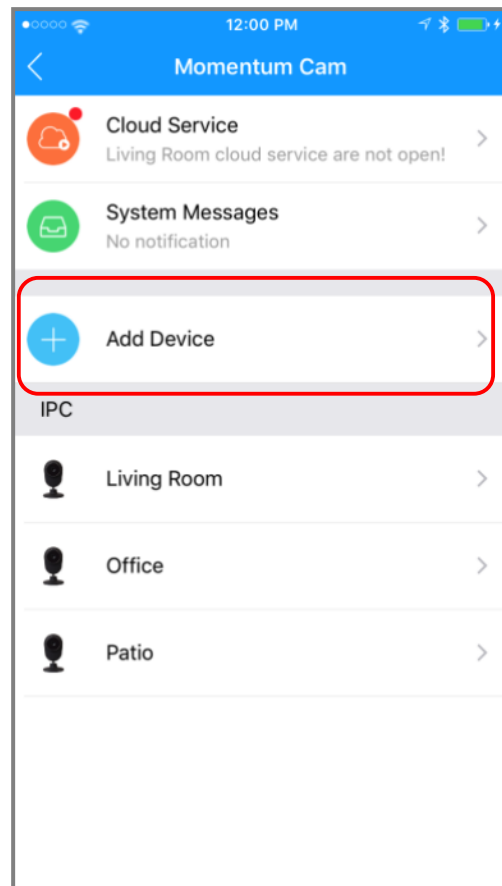
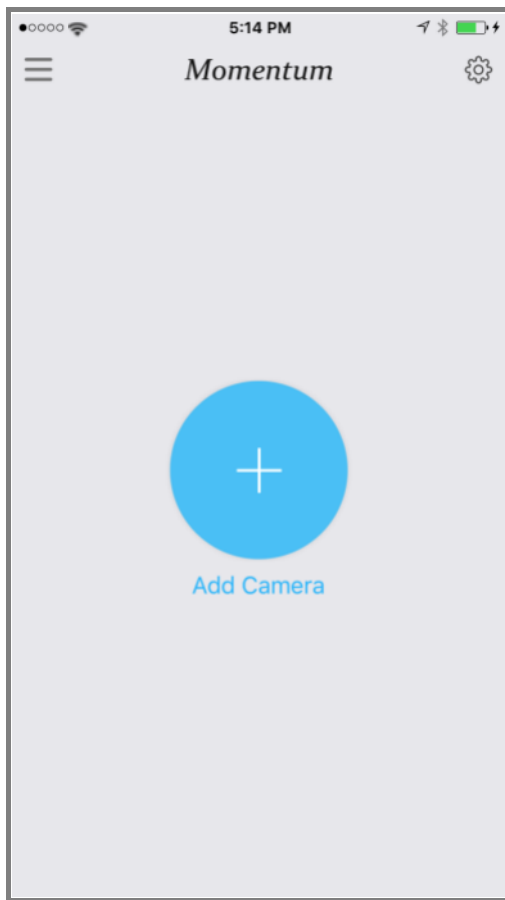
1. If the screen containing the account picture (profile) is not currently displayed, click in the icon **Back to** or **Menu** icon in the upper-left corner to launch the screen with a menu bar on the left.
2. Click the portrait to open the **Account** screen and display your account information.
3. Click **Sign-Out**.
4. When the screen prompts “*Are you sure you want to Sign Out?*” click **OK**.




6.) Adding Cameras

After logging into the app, you must pair the video camera to be monitored with the mobile device or computer. If the camera's indicator is blinking blue, you must reset the camera first.

You can add a camera from the home page or from the **Add Device** option on the **Settings** page. If this is the first camera being added to the account, you will immediately see the **Add Camera** screen.

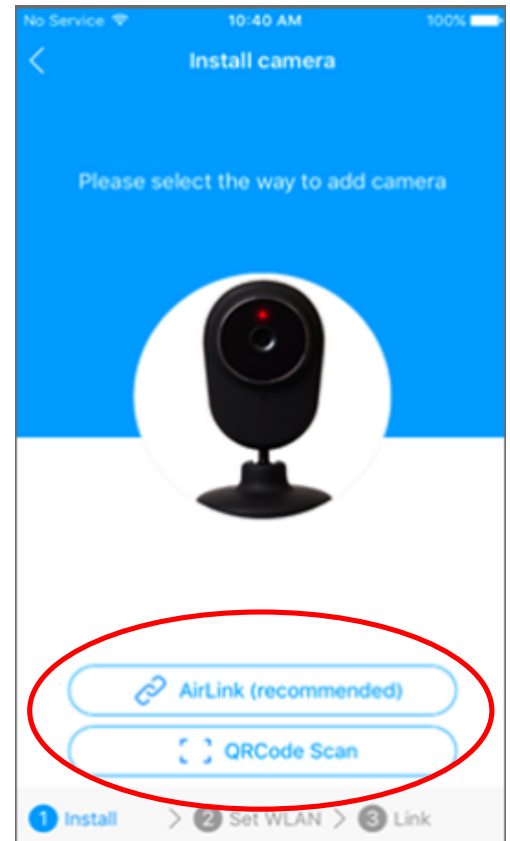


1. Click the **Add Camera**  icon on the home page or the **Add Device** option on the **Settings** page to display the **Install camera** screen. A search will begin automatically.
 - *If your camera is found*, it will be listed. Click **Add** to skip to Step 4 to connect the found camera to your account.
 - *If no camera is found*, continue with the next step below.

2. Verify that the red light on the camera is flashing and click **OK** to list the methods available for installing the camera: **AirLink** and **QRCode Scan**.

AirLink is the recommended method. It will wirelessly pair your mobile device with any powered-on camera currently connected to your network. It is also the most efficient method of pairing multiple cameras on your network to your mobile device.

3. Click to select your preferred installation method. The next screen to appear depends on the method you select and whether this is the first camera being added to the account.



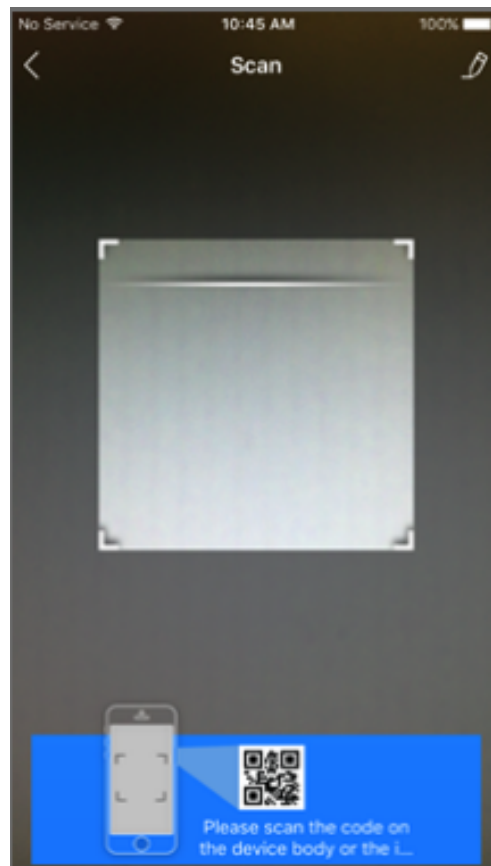
*If this is the first time a camera has been added to this account, the **Connect camera** screen appears. Skip to Step 4 to finish adding the camera.*

- *If you selected **AirLink** and this is not the first camera on this account, the **Connect WLAN** screen appears.*
 - a. Type the name and password for your Wi-Fi network/router.
 - b. Click **Next Step** and a search for your network connection will begin.
 - c. When the search is complete, a list of available connections will appear. Click **Add** to select the connection.

Important! The camera may fail to connect to Wi-Fi if the Wi-Fi password is wrong. If the camera needs to be reset, repeat the steps under "[Resetting the Camera.](#)"

Skip to Step 4 to continue adding the camera.

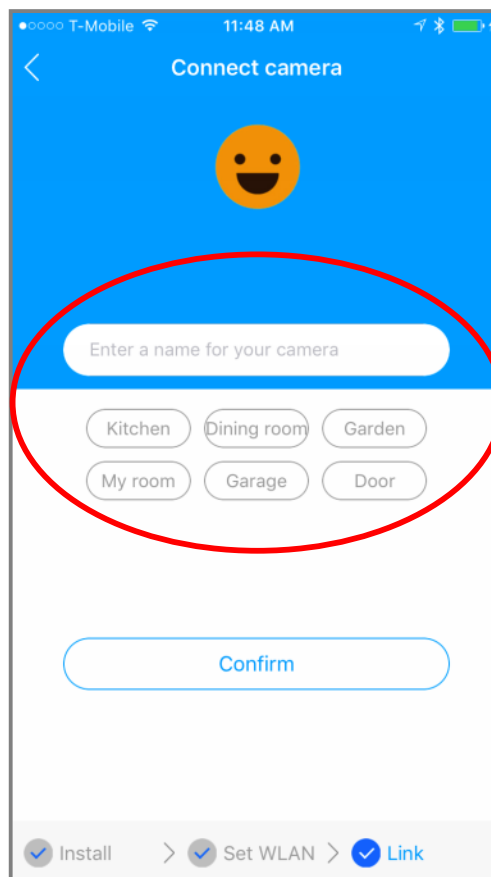
- **If you selected *QRCode Scan* the *Scan* screen appears.**
 - a. Scan the QR code on the bottom of the camera.
 - b. After a few seconds, you will hear a "beep" from the camera. When the camera's indicator starts fast flashing, the camera is connecting to the Wi-Fi hotspot. When the indicator changes to solid blue, the connection has been established.
 - c. Continue with Step 4 to finish adding the camera.



4. When the **Connect Camera** screen appears, enter the name for the camera or select one of several options (such as Kitchen, Dining Room, Garden, etc.) to use for this camera, and then click **Confirm**.

5. *If the connection completes successfully*, the current image from the camera will display. Click the image to open the live view from that camera.

6. *If the red light flashes slowly*, there is a problem with the connection. Use the



following steps to correct the problem.

- Reenter your Wi-Fi information on the **Connect WLAN** screen.
- Take your mobile device (phone or tablet) closer to the camera and wait for the connection update on the **Link** screen.
- Go to the **Add devices** screen, click **Okay** and finish the device addition steps. The device should now appear in the device list.

7.) Watching Videos

You can view a video live at the same time it is being recorded or you can view videos that have been stored for later access.

The following illustration shows the various screen elements available for accessing and viewing videos live. Simply click to select the video you want to watch.

Home Page Icons and Functions

Live Stream:
Play real-time video in high definition

Camera Name:
Name your camera to help keep track of your devices

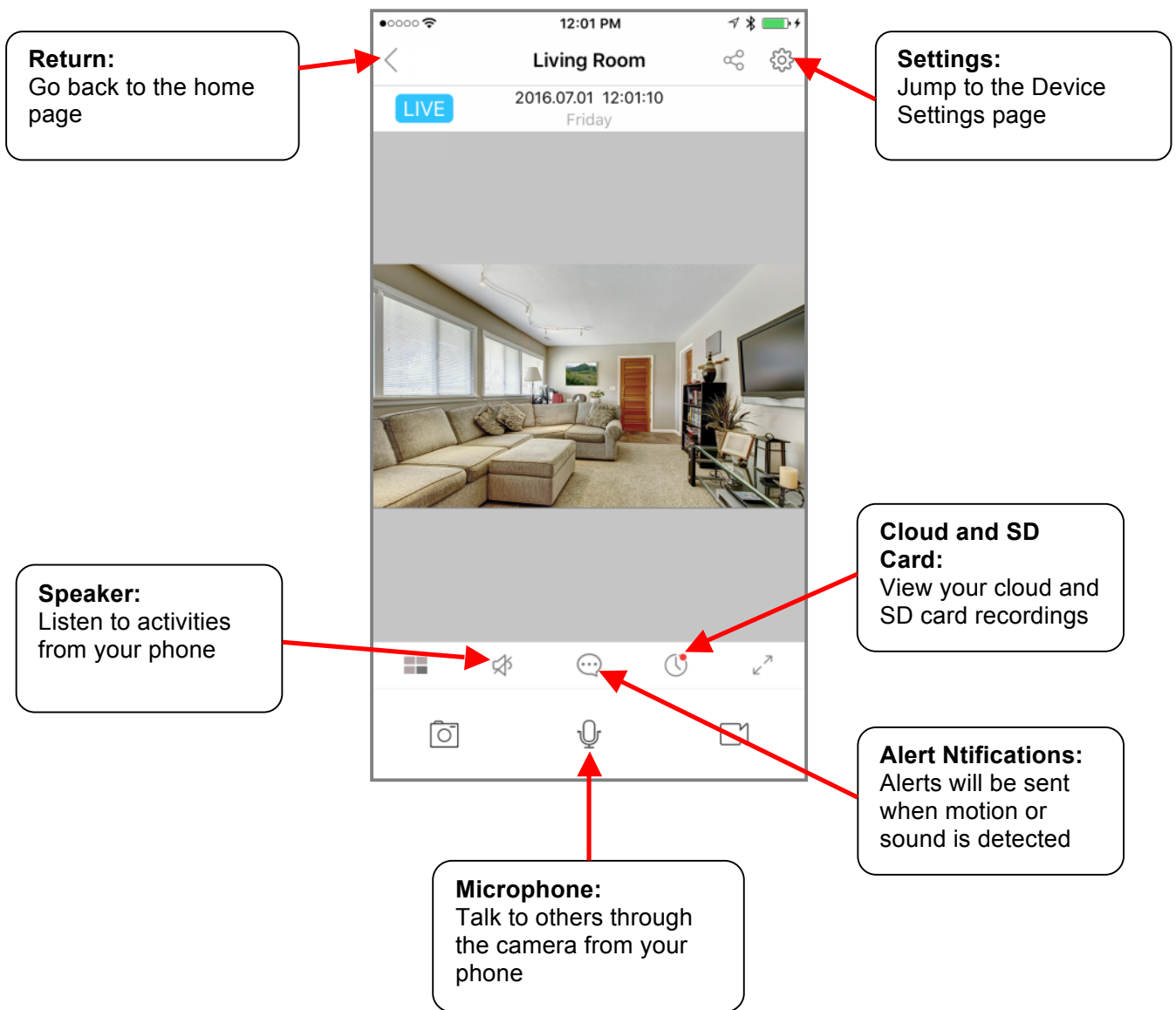
Share Cameras:
Use this function to share cameras with friends to help keep an eye on your belongings


Split Screen:
Split Screen allows you to view multiple cameras at once

Expand Screen:
View full screen of your video feed

Screen Shot:
Take a screenshot of the current feed

Recordings:
Record videos to be saved in your phone



To watch the live video feed from your camera, click the video screen or **Play**  icon, or select any online camera from the devices list.

Using Split Screens

You can view the selected video(s) in a single screen or split the screen into four sections, allowing you to view up to four videos at the same time. To toggle back and forth from a single screen to four screens, click the **Split Screen** icon.


- While the screen is split into four parts, you cannot take still camera shots (**Snapshot**), turn on the intercom (**Send Voice**), or change to video operation (**Record Video**).

- In four-split screen mode, you can switch to a single screen view by double-clicking on any of the displayed screens.
- While playing in the four split screens, when you click to select a screen, the



selected screen will have a blue border logo.

Using a Full Screen

To view videos in full screen mode, click the **Rotate**  icon or turn your mobile device horizontally to put your phone into landscape mode.

Return

Video List

Share

Settings: Jump to the Device Settings page.

Snapshot

Microphone

Recording: Record videos to be saved in your phone

Split Screen: Split Screen allows you to view multiple cameras at once

Mute: Listen to activities from your phone

When viewing a single horizontal screen (full screen), click the **Split Screen** icon to switch to the four-way split screen view.

Clicking at the side of the menu bar pops up the list where you can click a screen to select it. In the following example, the left screen contains a single-screen view and the right screen contains the four split screens.

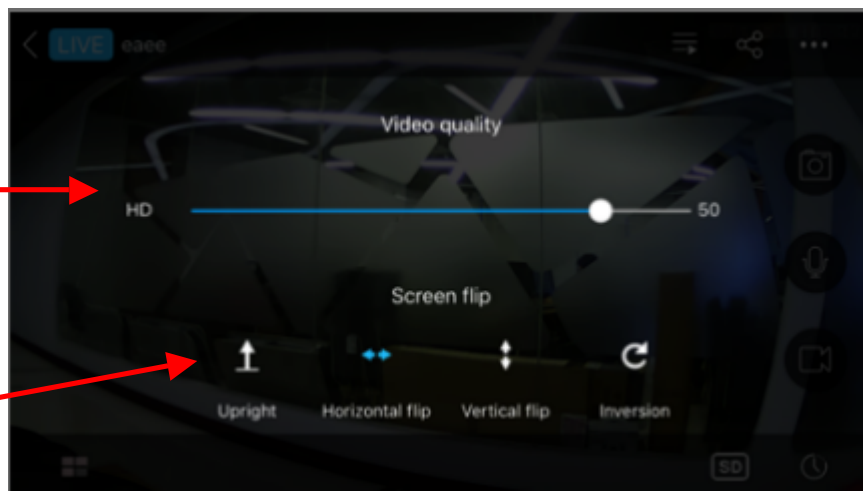


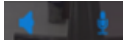
Adjusting Screen Settings

When the full screen is displayed, click the **Settings** ... icon to adjust the Video Quality and click the screen orientation (Screen Flip) icon to select the parameters of the screen.


Video Quality:
Higher number means higher quality

Screen Flip: To adjust the image direction



When the **Speaker** and **Mic** icons are all blue , you can have two-way live audio with the selected camera.

Capturing a Still Image from a Video

If you want to capture a single frame while you are watching videos, click the **Snapshot**  icon to save a still picture (snapshot) to your mobile device.

8.) Listing and Viewing

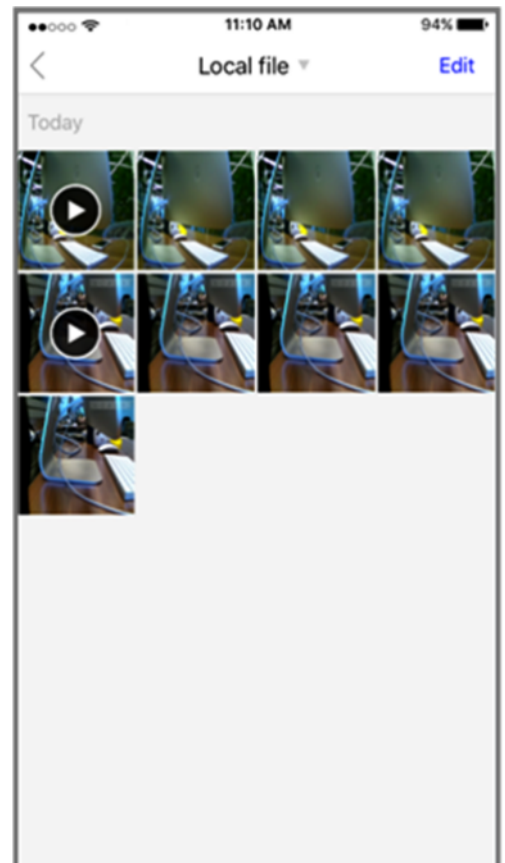
Recordings

Use the same basic steps to access all lists of recordings.


Listing Local Recordings

From the Main menu, click the **Back to** or **Menu** icon in the upper-left corner.

1. Click **My files** to list recordings stored locally.
2. On the **Local file** screen, click a record/file to select and view it.

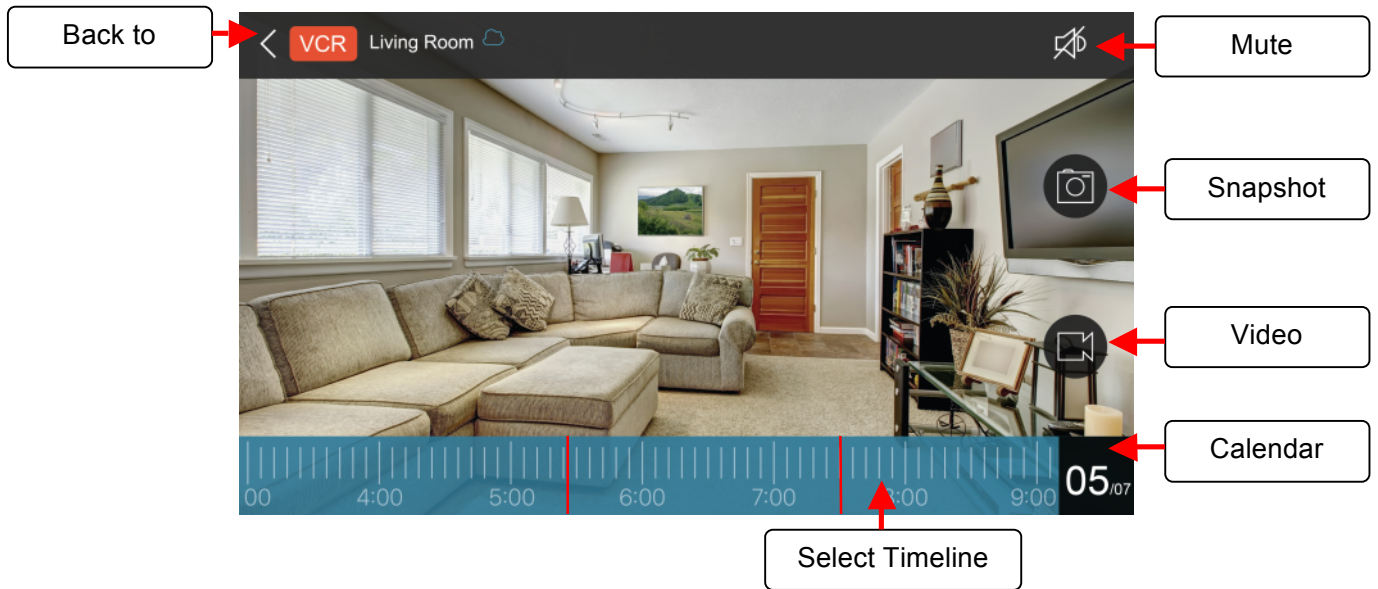


Listing Cloud and SD Card Recordings

If you purchased Cloud service for your camera, you will see the **Cloud**  icon on your camera preview.

If you insert a micro-SD card into your camera and have set up an SD recording plan for that camera, you can view the video on the micro-SD card from your mobile device.

To view recordings stored on the Cloud or an SD card, repeat the steps under “Listing Local Recordings,” click **Local file** at the top of the screen, and then select **Cloud disk**. Again, click the file to select and view it.




When viewing the video playback, you can drag the timeline to select a specific section of the video for playback.


Note: A red line indicates a notification was triggered by motion or sound sensor recording. Green indicates normal recording.

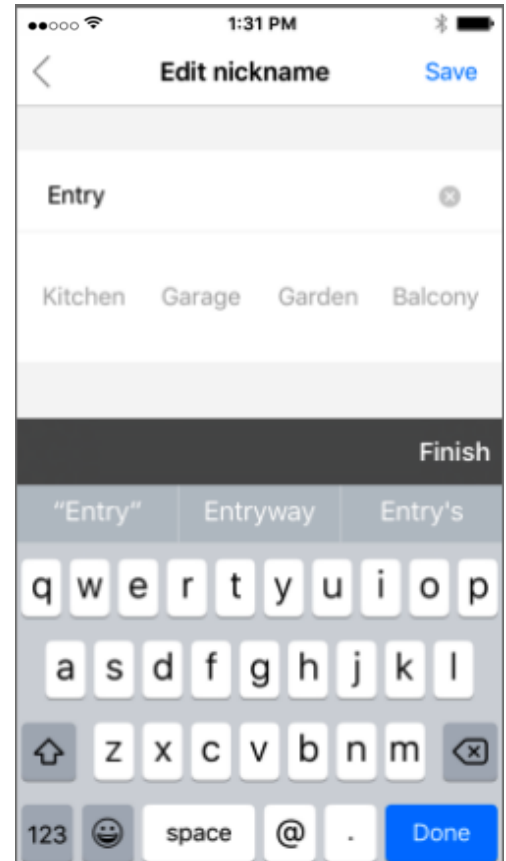
9.) Sharing Devices with Others

If you want to invite others to watch the live video feed from your camera, you can share your camera with them.

1. Click the **Share**  icon and select the type of sharing to use (**Share to Video Center**, **Private Sharing** or **No Share**).
 - **Private Sharing:** Only share to the account that you enter.
 - **Share to Video Center:** Share to everyone. (Use this setting with caution.)
2. When the **Share with Friend** prompt appears, enter the identifier of the account to which you want to share and click **OK**.

10.) Changing Device Names

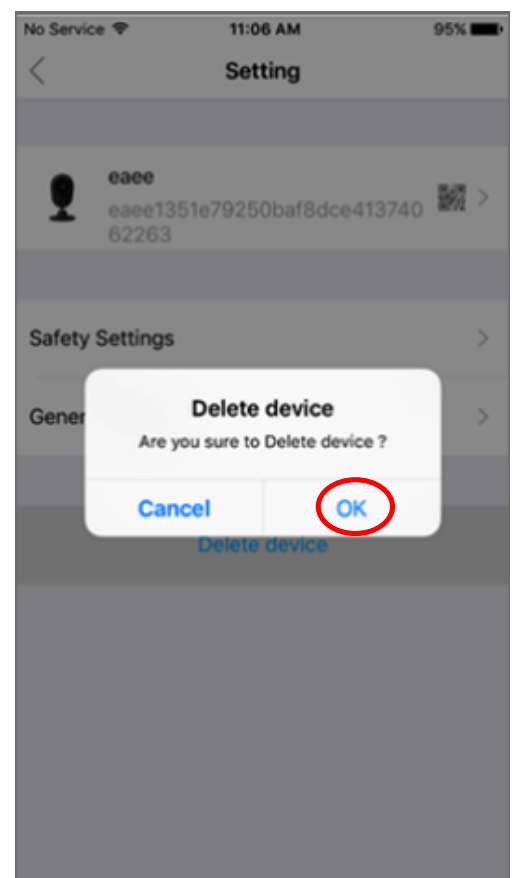
1. From the open view of the camera to be renamed, click the **Settings**  icon in the upper-right corner of device screens to access the **Device Detail** screen.
2. Click the device name on the **Edit Nickname** screen and the pop-up keyboard opens,
3. Type the new name to replace the existing name.
4. Click **Finish** and then **Save** to complete the change and return to the **Device Detail** screen.



11.) Deleting Devices

1. From the open view of the camera to be deleted, click the **Settings** icon.
2. When the **Settings** screen opens, click **Delete device** at the bottom of the screen.
3. When you see the prompt “*Are you sure want to delete this device?*” click **OK** to delete the camera.

Important! If you give the camera to someone else, that person cannot add the camera to their account successfully until you delete the camera from your account.

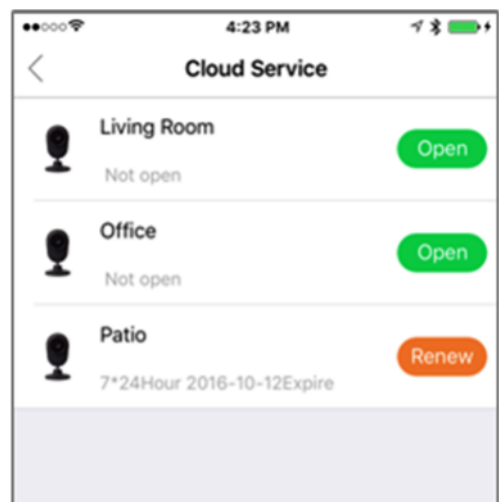
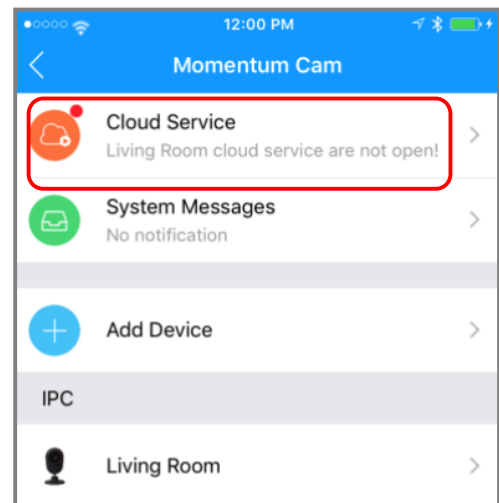


12.) Accessing Your Cloud Service

If you purchase the Cloud service for your camera, you can upload and download your files using your personal Cloud storage. Your upload and download files will be shown in the list accessible from the device screen. You can also review your Cloud storage information.

Click **Cloud Service** on the device screen. If no service has been started, a screen will display with the option of adding Cloud Service.

- *If service has already been set up*, a screen will list devices with Cloud access and the status of those devices.
- *If service has not been set up or needs to be renewed*, follow the steps under “Purchasing Cloud Service” to set up your device(s).

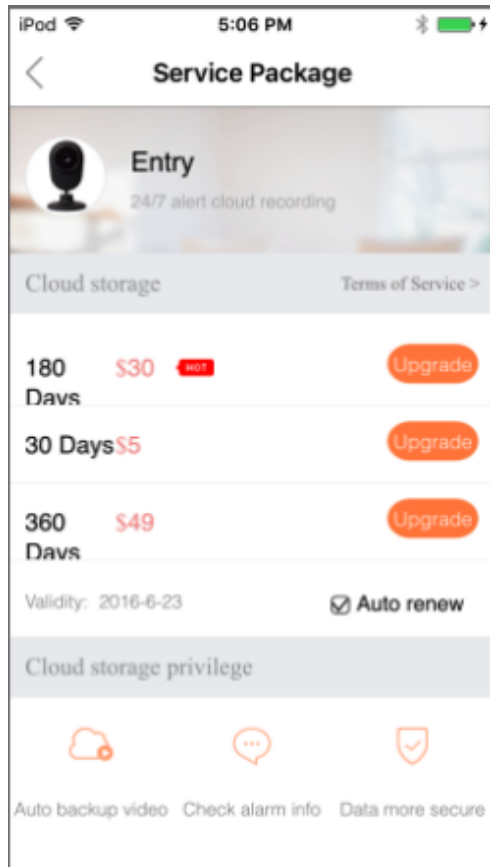


13.) Purchasing Cloud Service

When you purchase or renew Cloud Service, you can select the amount of service based on number of days. This will usually be 30 days (1 month), 180 days (6 months), or 365 days (1 year).

Starting and Renewing Cloud Service


1. On the **Devices** screen, click **Cloud Service** to list devices.
 - a. Click **Renew** to begin updating the service for the selected device.

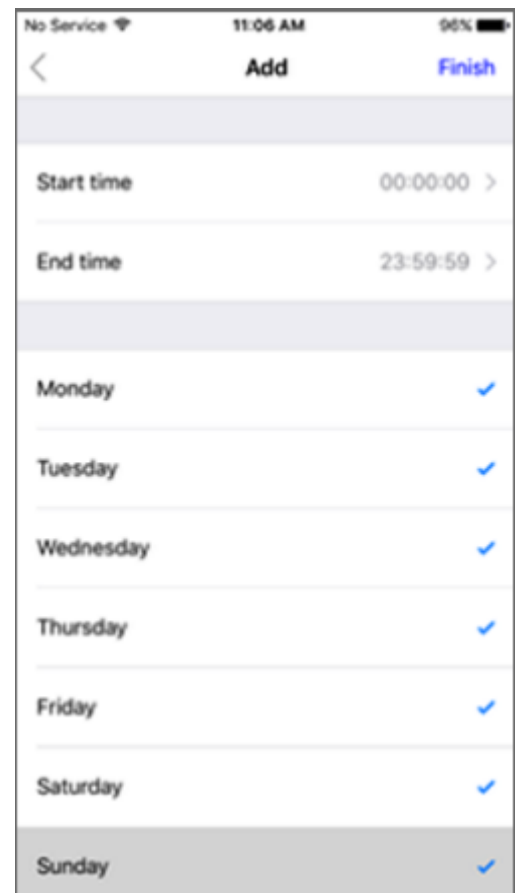


2. When the Service Package screen opens, the **Auto renew** option will already be selected. That means the service will be automatically renewed for the same amount of time at the end of the initial subscription period. If you do not want this to be automatic, click to deselect that option, making sure the checkbox is blank.
3. Click **Upgrade** for the package you want to purchase.
4. When the **Select Payment Method** screen appears, click **Payment Confirm** to confirm your purchase and to proceed to the payment method screen. Complete that information following standard credit card submission procedures.

14.) Setting Up SD Card Plans

If you have an SD card in the mobile device or computer you are using with this app, you must define a plan for that SD card to enable the app to access it.

1. Select **SD Card Setting** from the **General Settings** screen.
2. If no recording plan exists, click the **Add**  icon on the blank **SD Card Management** screen to make a new plan for recording on a micro-SD card.
3. Set the start and end times, and then select the days of the week when the recordings should occur.
4. Click **Finish to save the settings**. The camera will automatically record on the dates and time you select and store those recordings on the SD card.



15.) Managing Files

As your camera records videos and snapshots, they are stored either locally on your device storage, on Cloud storage, or on an SD card if your mobile device or computer supports it.

To list available files, follow the steps in “[Listing and Viewing Recordings](#).”

Important! Personal Cloud disk features include files and folders to store, upload, download, delete, etc. When the personal Cloud disk service expires, an expiration reminder will be added. Recordings on an expired Cloud disk cannot be opened or viewed. The only function you can perform is to renew the service. After renewal, you can continue to use the saved recordings.

Uploading Local Recordings to the Cloud

1. List the local recordings and click **Edit** in the upper-right screen corner.
2. Click each recording you want to upload to the Cloud.
3. Click the **Cloud** icon in the lower-left corner.


Deleting Local Recordings

1. List the local recordings and click **Edit** in the upper-right screen corner.
2. Click each recording you want to delete.
3. Click the **Delete** (trashcan) icon in the lower-right corner.
4. When the prompt indicating “*Are you sure you want to delete file?*” click **OK** to delete it or **Cancel** to keep the file.

16.) Enabling Notifications and Viewing Messages

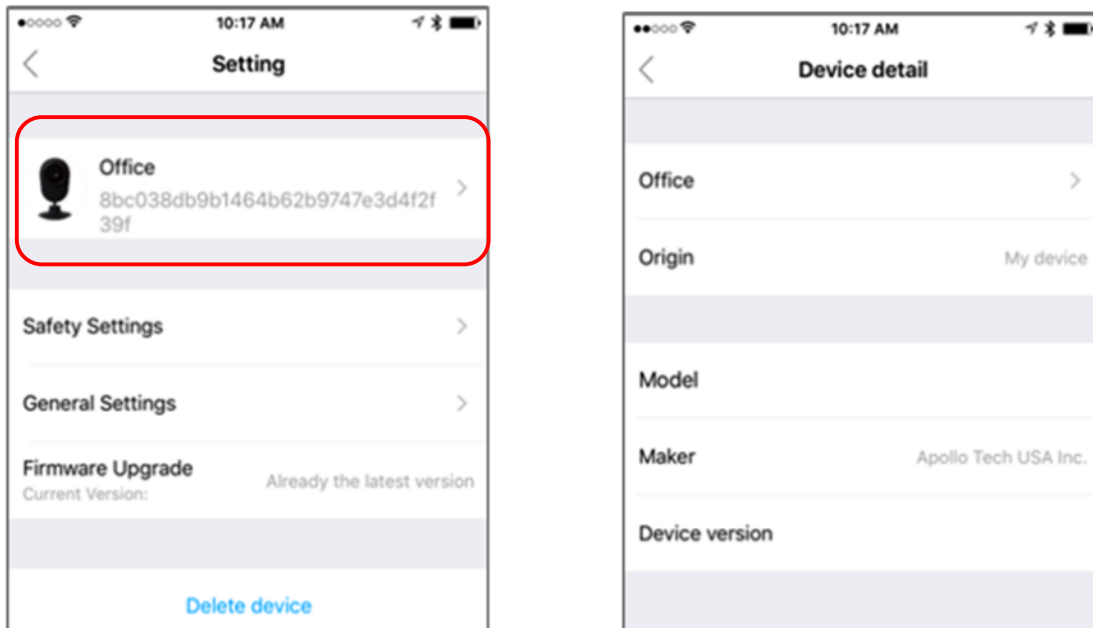
In order to have the notification function work properly, you must go to your phone settings and enable Momentum to send push notifications to your phone. If you have installed third-party monitoring software or management software on your mobile phone, please make sure that Momentum is on the white list.

Important! If your mobile device or computer is offline or has no signal, you may not be able to receive alarm messages.

The device settings are accessible from the **Settings** screen. To get to that screen, click the **Settings**  icon in the upper-right corner of device screens.

Device Detail

You can view the basic information about the selected device by clicking the device name on the **Settings** screen.



Setting Safety Options

The equipment safety settings include **Motion Detector** and **Sound Detector**. The settings for these options determine when an alarm will be instigated for the selected device. For example, if the sound detector is turned on (set to Low, Medium or High) and a sound is detected, it generates a corresponding alarm video and sends a message to alert you to the situation.


To change either of these options from the **Settings** screen:

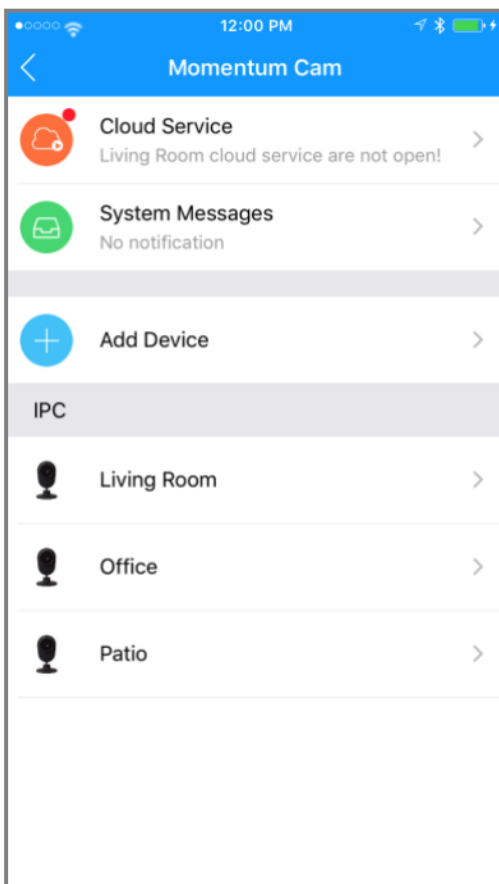
1. Click **Safety Settings** to display that screen.
2. On the **Safety Settings** screen, click the detector you want to change.
3. When the pop-up displays, click to select the setting you want to use (**Low**, **Middle**, **High** or **Close**).
4. Click **OK** to save the change and return to the previous screen.



Monitoring Alert Messages

After enabling the notification function, alarm messages will be pushed to your phone when motion and/or sound is detected by the sensors. When you receive those messages, access the Momentum Camera app to view the device message detail.


1. Click the **Settings**  icon in the upper-right corner of device screens to access the **Momentum Cam** screen.
2. If alarms have been generated, the **Alarm Message** option will be listed. Click that option to access the messages. Any unread messages will have a blue point mark.
3. Click the alarm message to jump directly to the video generated by the alarm trigger (motion or sound).
4. Click the cloud service button at the top of the screen to jump to the list of all devices on the **Cloud Services** page.



The list shows the messages in the order of the time they occur with most recent message listed first. Alarm messages include an alarm message video thumbnail, the alarm time, the name of the alarm device (in blue), and the alarm type.

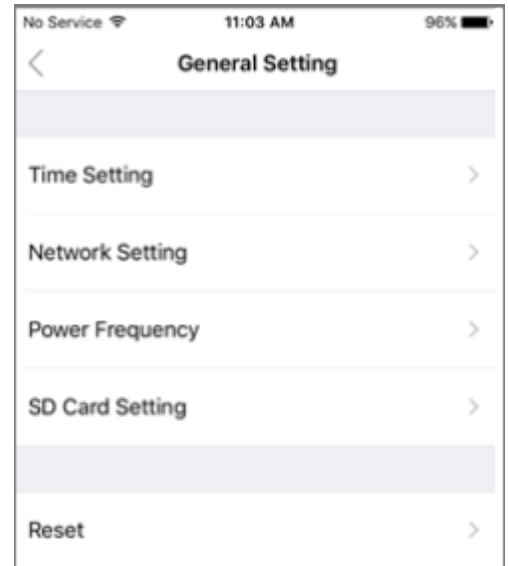
Note: If you are sharing the camera to others or vice versa, the message for shared cameras will be listed in the **System Message** list.

17.) Viewing and Modifying Device Settings

The device settings are accessible from the **Settings** screen. To get to that screen, click the **Settings**  icon in the upper-right corner of device screens.

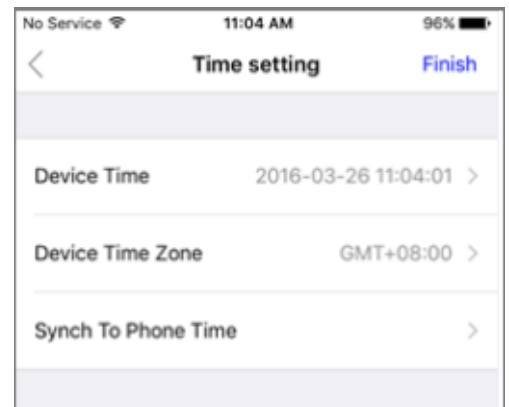
General Settings

The general settings define the parameters under which the device will operate. This includes how time will be set, network settings, the power frequency to use, and SD card setup. You can also access the device **Reset** option from this page.



Time Settings

Adjust the device time and time zone on this screen. You can also have the camera automatically synchronize to your mobile device. If your camera is in the same time zone as your mobile device, the **Synch To Phone Time** is probably the most efficient setting for you.



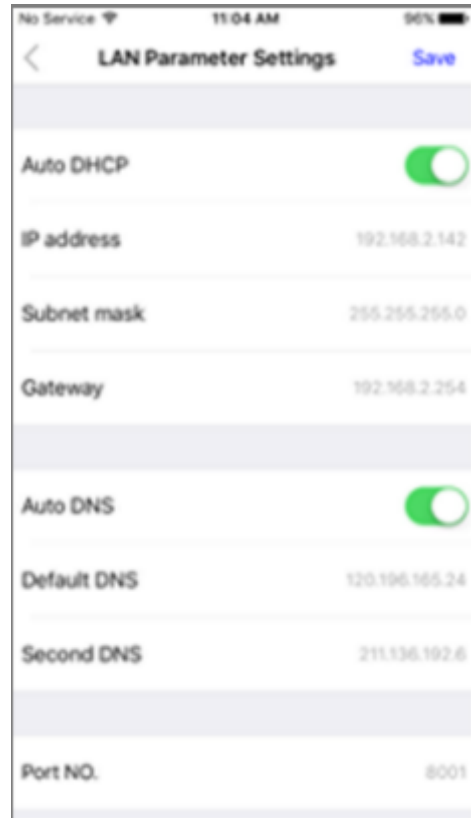
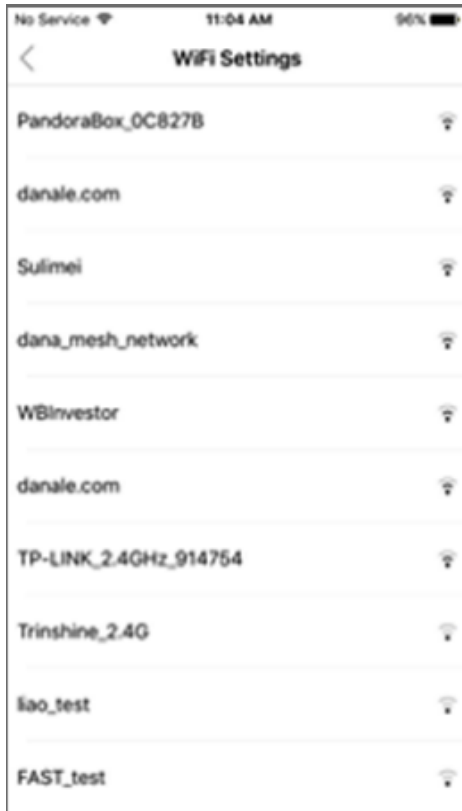
Network Settings

Select the **Network Settings** option to reconnect to the current network or connect to another Wi-Fi device as well as view the current LAN (Local Area Network)



settings.

The **Wi-Fi Settings** screen lists router devices and/or hubs used to access the Internet. The **LAN Parameter Settings** screen lists information about available LANs that you may be accessing.



Power Frequency

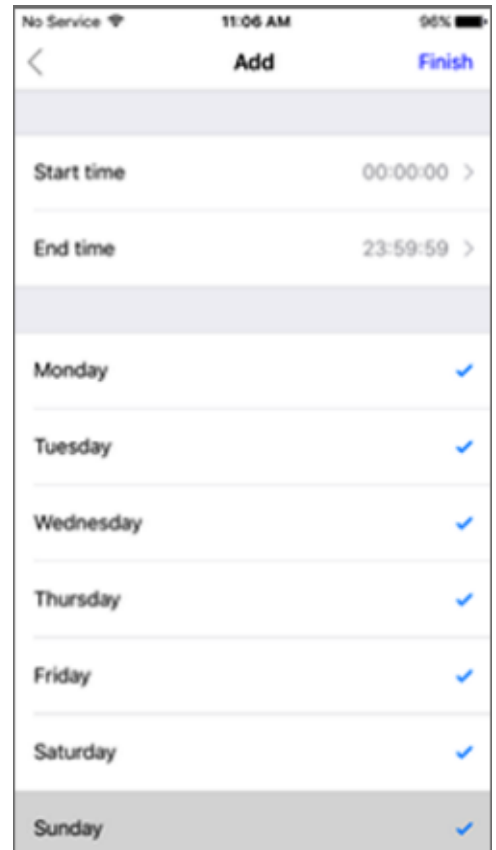
You can select the power frequency as either 50Hz or 60Hz. For implementation in the United States, select **60Hz**.



SD Card Settings

If any recording plans exist on the account, they will be listed when **SD Card Setting** is selected from the **General Settings** screen. Select the desired plan setting to view and/or modify the recording plan setting.

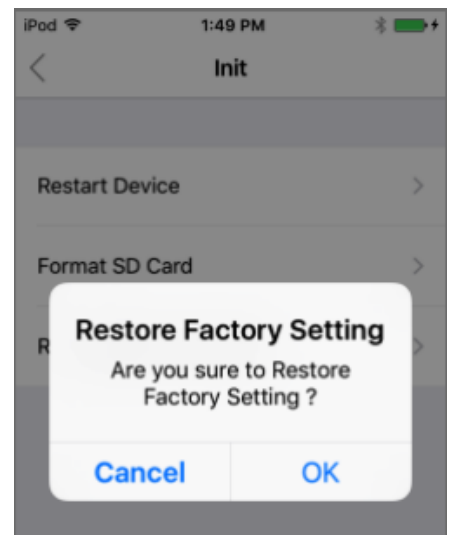
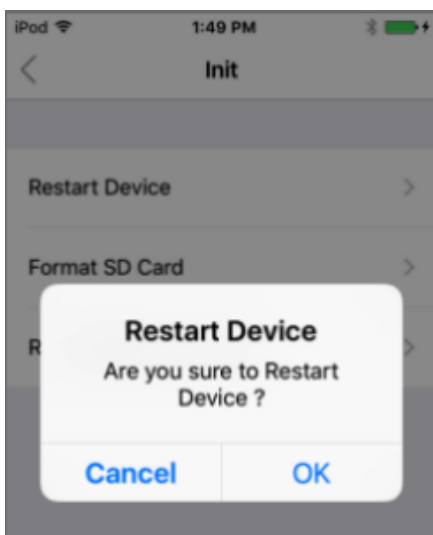
These settings determine what time on select days of the week the videos will be recorded and saved to the selected SD card. You can both view and update those settings from this screen.



Resetting Device Settings

The **Reset** option on the **General Settings** screen allows you to reset/initialize the camera and SD card. You can also restore factory settings for the selected device.

As you select each option, you will be prompted to continue or cancel. Select **OK** to continue the initialization or **Cancel** to return without any change.



Important!

- *If you format the micro-SD card*, previous records will be deleted from your card.
- *If you restore factory setting*, all the previous settings will be cleared, and changed to default settings.

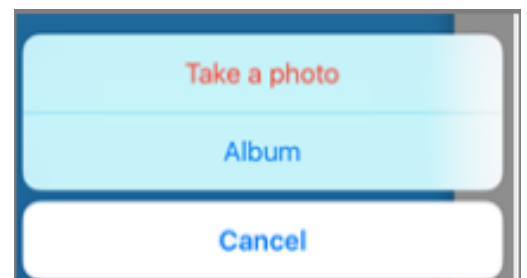
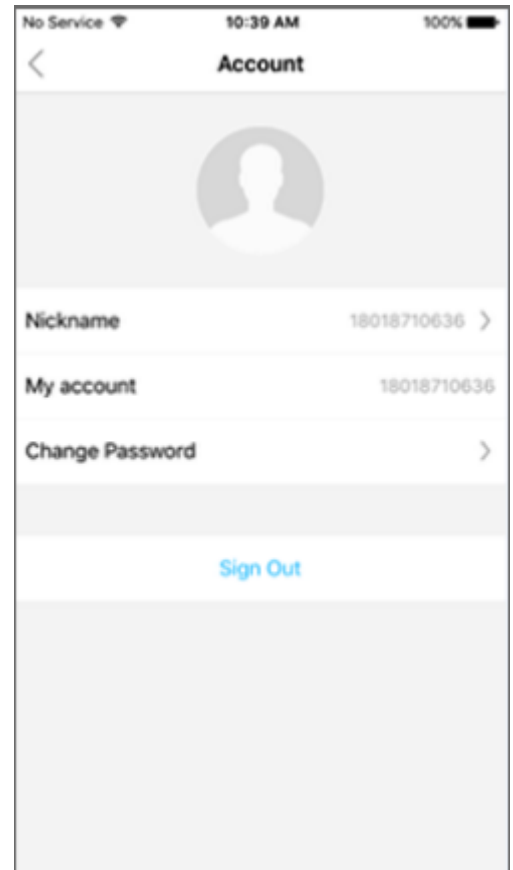
18.) Managing Your User Account

This section provides instructions for managing the account you use to access and control your camera(s).

1. If the screen containing the account picture (profile) is not currently displayed, click the **Back to** or **Menu** icon in the upper-left corner to launch the screen with a menu bar on the left.
2. Click the portrait to open the **Account** screen and display your account information.

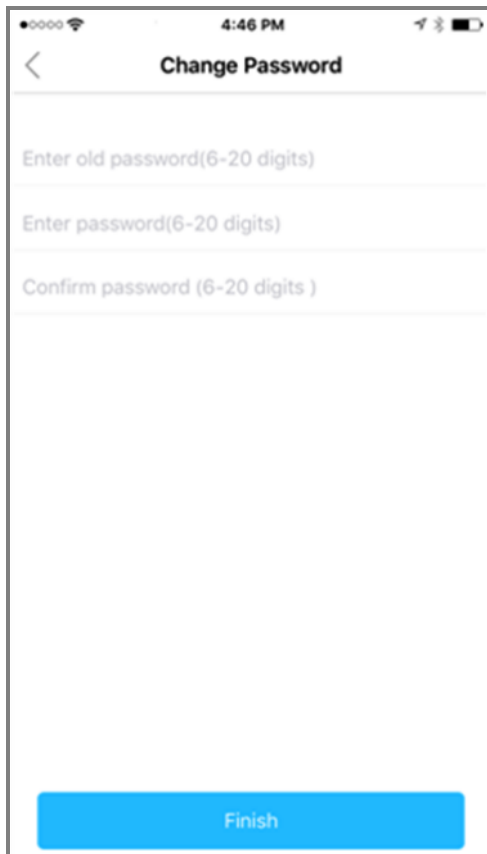
Changing Your Portrait

1. On the **Account** screen, click the portrait to display the portrait options.
2. Select **Take a photo** to use the device camera to take a new picture or **Album** to select a picture currently stored on your mobile device.
3. Follow the prompts to take or select the picture to use for your account. The selected picture will replace the default or existing image.



Changing Your Password

1. On the **Account** screen, click **Change Password** to display that screen.
2. Type your password on the first field; then type it again to verify that it was entered correctly.
3. Click **Finish** to complete the change.

A screenshot of a mobile application's "Change Password" screen. The screen is white with a blue header bar containing a back arrow and the text "Change Password". Below the header are three text input fields with placeholder text: "Enter old password(6-20 digits)", "Enter password(6-20 digits)", and "Confirm password (6-20 digits)". At the bottom of the screen is a prominent blue button with the word "Finish" in white text. The top of the screen shows a status bar with the time "4:46 PM", signal strength, Wi-Fi, and battery icons.

Restoring Forgotten Passwords

If you forget your password and cannot log in, use the following steps to reset your password.

1. On the initial login screen, select **Forgot password?** to open the **Forgot password** screen.
2. With your account name displayed, click **Next Step** to request a new code be sent.
3. When you receive the new code, enter the code and click **Next Step** to access the screen to change your password.

19.) Getting Help

Assistance is available both in the app and on the Momentum website.

- To access the most current version of the user's guide, click the **Back to** or **Menu** icon in the upper-left corner to launch the screen with a menu bar on the left and click **Support**.
- For more assistance, go to <http://support.momentumcam.com/support/>

20.) Troubleshooting

*While in **Local View** mode, the camera cannot connect with a smart phone or personal computer.*

- Verify that the power plug is properly connected.
- Make sure the camera is turned on and that the power/status indicator is red or blue.
- Make sure the camera and your mobile device or computer is within the Wi-Fi range.
- You may need to reset the camera as described in “[Resetting the Camera.](#)”

*While in **Internet View** mode, a smart phone or personal computer cannot connect with the camera via Wi-Fi or 3G/4G mobile network.*

- Verify that the power plug is properly connected.
- Make sure the camera is on and the power/status indicator is red or blue.
- Verify that the Wi-Fi router password is correctly entered.
- Make sure the camera and Wi-Fi router are within the receiving range.
- Make sure smart phone/personal computer can connect with the Internet via Wi-Fi or a 3G/4G mobile network.
- You may need to reset the camera as described in “[Resetting the Camera.](#)”

21.) About Momentum

Momentum provides an easy-to-setup home security camera that connects to your smart phone, tablet, or even your PC, giving you real-time video streaming and two-way voice communication – anywhere, anytime.

Momentum subscribers also have access to IOT cloud-based storage for camera-captured videos and 24-7 customer service from a user-friendly mobile app.

Whether you have children at home with a babysitter, are wondering what your counter-surfing pets are doing, or are leaving for vacation, you'll always have an eye in your home with Momentum.

For more information please visit www.momentumcam.com or contact us at support@momentumcam.com.