ALC™

SIGHTHD

Remote Monitoring Anytime from Anywhere

1080p Indoor/Outdoor Wi-Fi Camera

Model AWF61

User Guide

Please read these instructions completely
before operating this product.

Wireless Made Simple.

PRODUCT SAFETY: When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. Improper use of this product can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

DANGEROUS VOLTAGE: The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

ATTENTION: The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

Products with CE Marking comply with EMC Directive (2004/108/EC); Low Voltage Directive (73/23/EEC); R&TTE(1999/5/EC); ROHS Directive (2011/65/EU) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms:
      EMC: EN 301 489   LVD: EN 60950   Radio: EN 300 328

FCC Compliance Statement: This device complies with Part 15 of the FCC rules. Operation is subjected 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.

FCC/CE WARNING

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC rules and ETSI(EN) 300328. These limits are designed to provide reasonable protection against harmful interference in residential installations. 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 interference to radio or television equipment 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.
• Move the equipment away from the receiver.
• Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/television technician for additional suggestions.

CAUTION: Any changes or modifications to this equipment not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

> **WARNING:**
> **STRANGULATION HAZARD:** Infants have STRANGLED in power cords. Keep power cords more than 3 feet away from cribs, bassinets, play yards, and other safe sleep environments for infants.

IMPORTANT SERVICE SAFETY INSTRUCTIONS

Damages caused by non-compliance with this operating manual will void the warranty!

1. Read and Follow Instructions - All the safety and operating instructions should be read before the product is operated. Follow all operating instructions.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - Comply with all warnings on the product and in the operating instructions.

4. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your location, consult your video dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

5. Overloading - Do not overload wall outlets or extension cords as this can result in the risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation, and broken plugs are dangerous. They may result in a shock or fire hazard. Periodically examine the cord, and if its appearance indicates damage or deteriorated insulation, have it replaced by your service technician.

6. Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

7. Surge Protectors - It is highly recommended that the video equipment be connected to a surge protector. Doing so will protect the equipment from damage caused by power surges. Surge protectors should bear the UL listing mark or CSA certification mark.

8. Uninterruptible Power Supplies (UPS) - Because this product is designed for continuous, 24/7 operation, it is recommended that you connect the product to an uninterruptible power supply. An uninterruptible power supply has an internal battery that will keep the product running in the event of a power outage. Uninterruptible power supplies should bear the UL listing mark or CSA certification mark.

CAUTION: Maintain electrical safety. Power line operated equipment or accessories connected to this product should bear the UL listing mark or CSA certification mark on the accessory itself and should not be modified so as to defeat the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.

9. Ventilation - Slots and openings in the case are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video equipment on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the product manufacturer's instructions have been followed.

10. Attachments - Do not use attachments unless recommended by the product manufacturer as they may cause a hazard.

11. Water and Moisture - Do not use receivers or video monitors near water — for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, near a swimming pool and the like.

12. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

13. Accessories - Do not place this video equipment on an unstable cart, stand, tripod, or table. The video equipment may fall, causing serious damage to the product. Use this product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and use a mounting accessory recommended by the manufacturer.

14. Camera Extension Cables - Check the rating of your extension cable(s) to verify compliance with your local authority regulations prior to installation.

15. Mounting - The cameras provided with this system should be mounted only as instructed in this guide or the instructions that came with your cameras, using the provided mounting brackets.

16. Camera Installation - Cameras are not intended for submersion in water. Not all cameras can be installed outdoors. Check your camera's environmental rating to confirm if it can be installed outdoors. When installing cameras outdoors, installation in a sheltered area is recommended.

System Contents

After unpacking, you will have the following items:
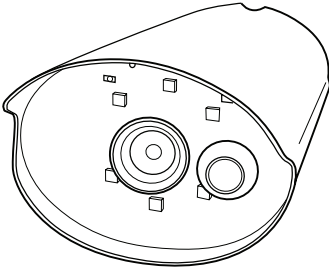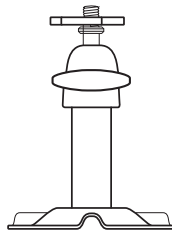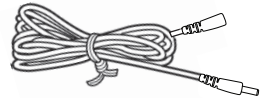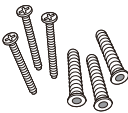

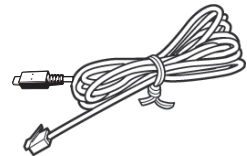Camera
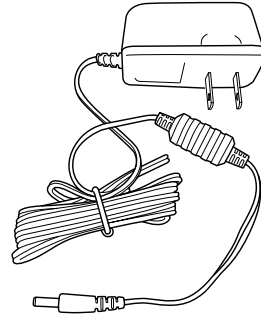
AC Adapter

Antenna

Camera Bracket
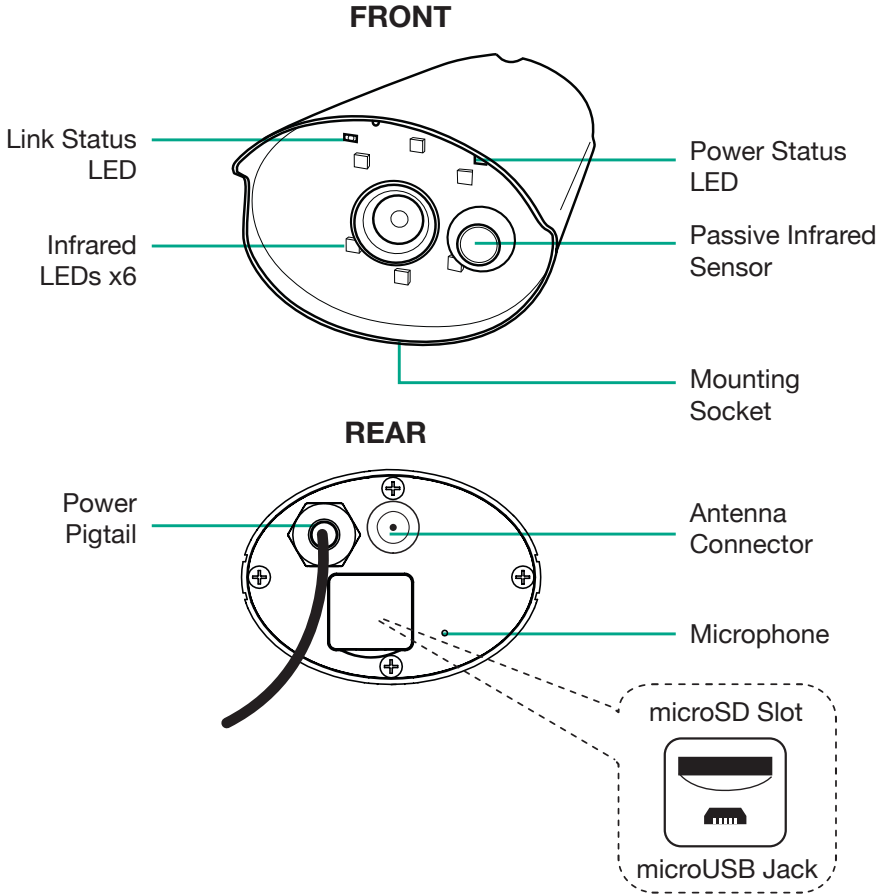

Extension Cable

Screw/Anchor Kit

Quick Start Guide

MicroUSB to RJ-45 Cable

Getting to Know Your Camera

FRONT

Link Status LED

Power Status LED

Infrared LEDs x6

Passive Infrared Sensor

Mounting Socket

REAR

Power Pigtail

Antenna Connector

Microphone

microSD Slot

microUSB Jack

Cloud

When an SD card is inserted and the Cloud option is activated (see page 44), recorded videos will automatically be transferred onto the cloud.

Installation Tips

> **WARNING:**
> Weatherproof, IP66 rated cameras are suitable for outdoor installation. However, if possible, it is recommended to install in a location that provides some shelter from the elements, such as beneath roof eaves.

- Before you install the camera, plan where and how it will be positioned, and where you will route the cable that connects the camera to the power adapter.
- Optimized motion detection range is 6 - 18 feet for camera. The farther away an object is, the less accurate the motion detection.
- Avoid having a direct light source in the view of the camera, including street lights, ceiling or floor lamps, spotlights in the driveway, etc.
- Rainfall, pool water ripples/reflections, tree/shrub leaves blowing in the wind – and the shadows they create – can generate motion detection false alarms.
- Before starting permanent installation, have another person check the camera image on the tablet/phone when camera is positioned in the same place it will be permanently installed.
- It is recommended to ensure a clear line of sight between the camera and Wi-Fi router and to limit the amount of obstructions, such as walls and tree branches, between the camera and Wi-Fi router. Walls made of heavy building materials such as brick or concrete will significantly reduce signal range.
- If the signal will have to pass through a wall, placing the Wi-Fi router or camera next to a window will improve the signal strength.
- Do not install the camera pointing out of a window. The night-time picture will be unusable due to reflection from the night vision LEDs.
- As dust, grime, and cobwebs accumulate on the camera glass, they can reflect light from the infrared LED and might lower video quality. Periodically clean the lens glass with a soft cloth.

Night Vision

The camera has built-in infra-red LEDs to allow you to view at night for 24hrs surveillance. The LEDs will automatically activate at night and the picture viewed will turn to black and white. The night viewing range is up to 50 feet.
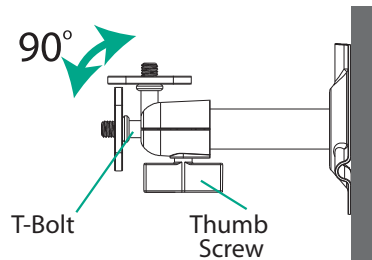
Installing the Camera

IMPORTANT: Please set up the camera first before mounting and stay in close range with the camera during setup.

1 If not mounting, but just using on a flat surface (desk, table, etc.), skip to step 4.

2 Secure the multi-position Camera Bracket to a stable surface, ceiling or wall using the three screws. If needed, three anchors are also included.
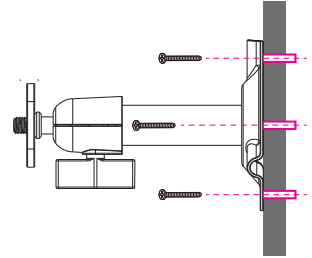
3 Loosen the T-Bolt on the Camera Bracket and adjust viewing angle using the Thumb Screw to rotate position.

90°

T-Bolt   Thumb Screw

4 **The process for hanging the camera is the same for Ceiling Mount or Surface mount. See page 46 "Screen Orientation" section to set the correct image view.**

1 Align Mounting socket on the camera with T-Bolt and screw camera onto the T-Bolt until it is in the desired position.

2 Tighten the Brace against the camera to secure it in place.

3 Set the desired camera angle and then tighten the Thumb Screw.
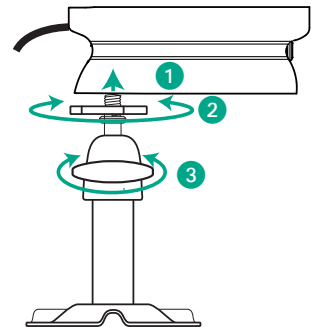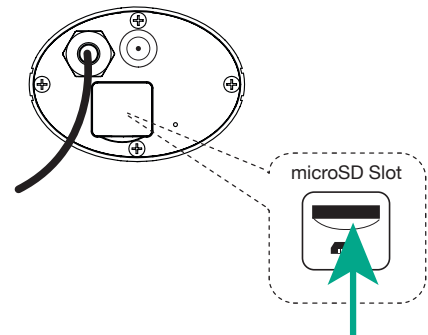
Installing the Camera

**5** Screw Antenna clockwise into rear of camera.
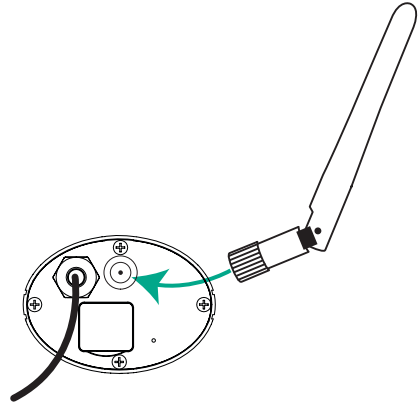
6 To record videos you must insert a MicroSD card, not included. The MicroSD Slot is located under the flap on the rear of the camera.

A Class 10 microSD card is required. This camera supports up to 128GB microSD card.

microSD Slot

7 Connect one end of an AC adapter to the camera's power pigtail and plug the other end of the adapter to a 120 volt AC (standard indoor) power outlet. The red Link Status LED will light and after 30-60 seconds the green Power Status LED will blink three times rapidly.
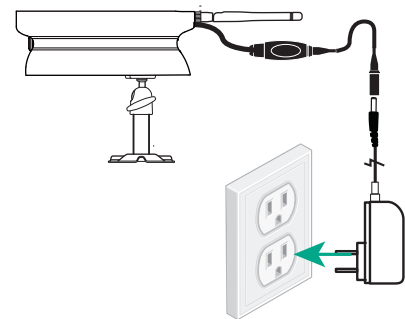
TIP: A 6 foot power extension cable is included for your camera setup if needed.

Overview

This camera allows you to view live video from an iPhone®, iPad®, iPod Touch® or Android™ smartphone or tablet. Free apps are available through the Apple App Store or the Android Market/Google Play.

Up to three remote users can access live video at the same time as long as they have the Device ID (DID) Code and Security Code.

IMPORTANT:
The number of remote viewers is determined by the amount of "available upload bandwidth" on your home network.

Requirements for Remote View

- iPhone®, • iPad®, • iPod Touch® (iOS 9.0 and above)
- Android™ smartphone or tablet (version 4.4X or above)

IMPORTANT:
Note: Not suitable for Windows mobile device or Blackberry smartphones.

Recommended Minimum Internet Upload Speed

512Kbps upload speed (or bandwidth) to achieve up to an average of 2FPS viewing speed. Average viewing speed will depend on other restrictions by your ISP (internet service provider).

SCREEN-SHOT NOTE:
The illustrations of the App in this manual are of the Android. The Apple device's App will look very similar and the operation will be the same, except where noted.

Connecting to the Internet

1 Download the ALC SightHD App
as follows:

APPLE DEVICE:
From your iPhone or iPad, go to the
App Store and search for ALC SightHD.

ANDROID DEVICE:
From your Android smartphone or tablet
device, go to Google Play and search for
ALC SightHD.

Available on the
**App Store**

**ALC
SightHD**

ANDROID APP ON
Google play

---

2 **TO CONNECT VIA WI-FI**:

For Apple, go to page 14.

For Android, go to the next page.

ALTERNATIVE

3 **TO CONNECT VIA DIRECT
CONNECT:** Before plugging
in Power to your camera,
connect one end of the supplied
MicroUSB/RJ-45 cable into the
back of the camera (under flap)
and the other end to your primary
router (from your internet service
provider).

Go to page 19 for more
instructions.

Included
Cable

microUSB Jack

1 2 3 4 MODEM

Internet Router (not included)
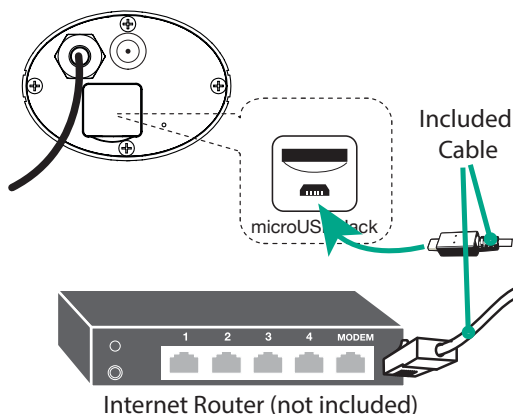
Connecting Via the Android App

1 Plug camera into an electrical outlet and the red Power Status indicator will light (allow the camera up to 90 seconds to boot up). When the green Link Status indicator begins blinking, the camera is ready to be set up.

Launch the ALC SightHD App and the Setup Wizard screen will appear.
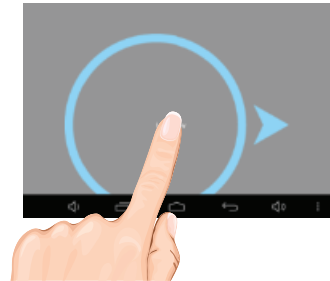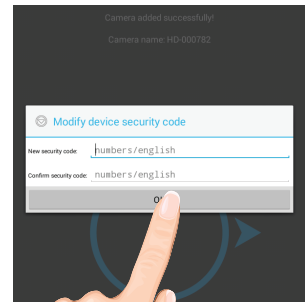
Tap "**+**" to add new system.
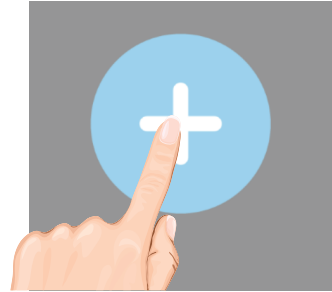
2 Tap **WiFi Cameras**.
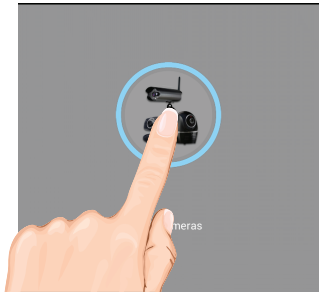
3 Tap **Next**. The App will start the connection process.

4 You will then be requested to change your security code if this is the first time accessing the camera. Enter a security code and remember it or write it down for future use. Tap **OK**.

Connecting Via the Android App

5 The Manage Wi-Fi Network pop-up box will appear. Select your home network from the pull down menu, and then enter your home network's Wireless Password. Tap **OK**.
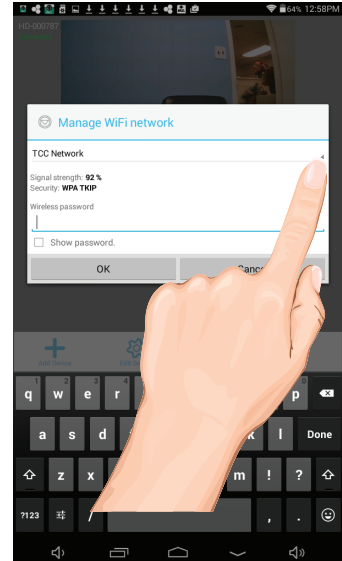
6 Tap **Live View**; "Waiting for system to connect Countdown" will appear. The system will reboot the camera and when it counts down to 0, tap the picture for live video.

IMPORTANT:
If the camera does not connect, enter the android's Settings App and select your network.

Go to page 26 for details on the icons and operation.

Connecting Via the Apple App

iOS

1 Plug camera into an electrical outlet and the red Power Status indicator will light (allow the camera up to 90 seconds to boot up). When the green Link Status indicator begins blinking, the camera is ready to be set up.

Next, on your Apple device, open the Settings App.

No SIM 🔋	12:05 PM	🔋

Go to : Settings > Wi-Fi
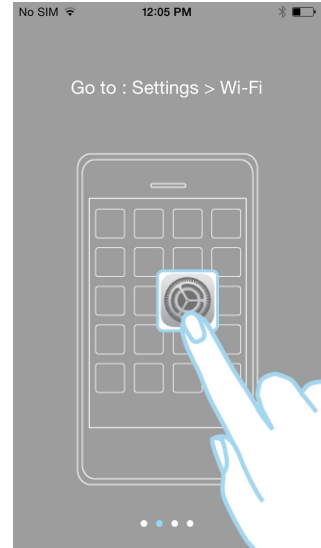
2 Tap **Wi-Fi**, and under **Choose A Network**, select the HD-XXXXX Network. The XXXXXX will be the numbers located on the DID Code Sticker on your camera.

IMPORTANT:
Make sure to set the **Ask To Join Networks** option to on.

No SIM 🔋	12:05 PM	🔋

Choose the router 'HD-xxxxxx'
Default password is '12345678'

< Settings   Wi-Fi

Wi-Fi

✓ HD-XXXXXX

CHOOSE A NETWORK
Other...

Ask to Join Networks

Known networks will be joined.
If no known networks are available
have to manually select a network.

Connecting Via the Apple App

3 When asked for a password, enter, "12345678". Tap **Join** to connect.

●●○○○ AT&T 📶   11:36 AM   ⚡ 100% ▬

Enter the password for "HD-000230"

Cancel   **Enter Password**   Join

Password   ●●●●●●●●

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

- / : ; ( ) $ & @ "

#+=   .   ,   ?   !   '   ⌫

ABC   space   Join
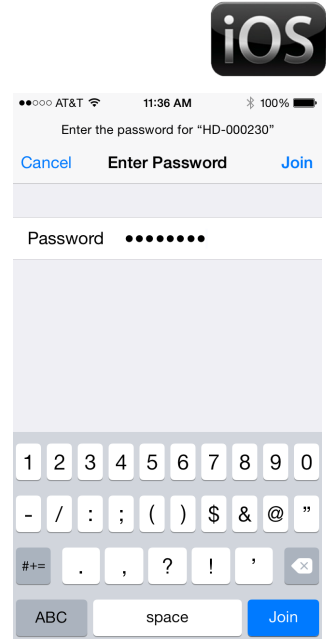
4 Now Launch the ALC SightHD App and the Setup Wizard screen will appear indicating the setup instructions. Tap "**+**" to start the Wizard.

●●●○○ AT&T 📶   3:21 PM   ⚡ ⚡ 74% ▬

+

Wizard

Connecting Via the Apple App

iOS

5 The Apple Device will now search for the camera.

No SIM 📶   12:06 PM   🔋

Searching

6 Once the screen indicates the camera is connected, Tap **Live View**.

●●○○○ AT&T 📶   3:35 PM   🔋 70%

'HD-000011'
has been connected.

Live
View

Connecting Via the Apple App

iOS
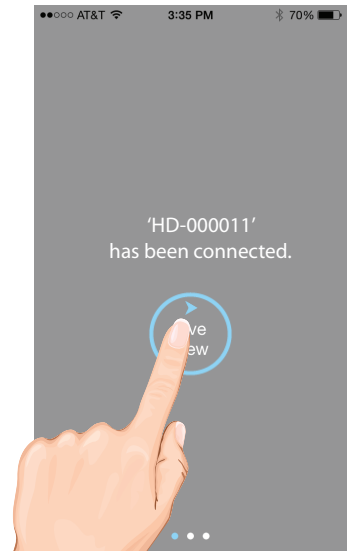
7 The Apple device will scan and detect the camera. Once found, the screen will show a Live View briefly before moving to a set up screen.

You will then be requested to change your password if this is the first time accessing the camera. Enter a password and remember it or write it down for future use. Tap **Wi-Fi Setting**.

●●○○○ AT&T 📶　3:36 PM　　 70% 🔋

HD-000011

Camera Name:
HD-000011　　　　✓
DID:
CGXX-000011-XBGDX　✓
New Password:

Confirm Again:

Wi-Fi Setting
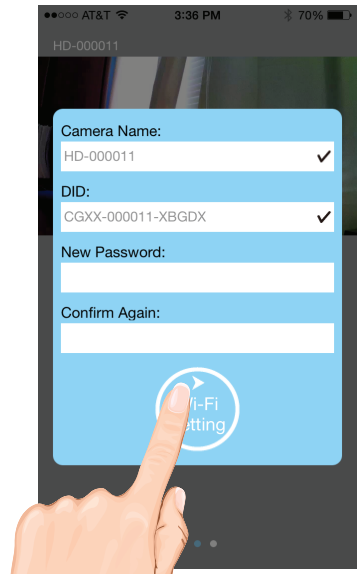
8 The Wi-Fi Network screen will appear. Select your home network from the pull down menu, and then enter your home network's Wireless Password. Tap **OK**.

No SIM 📶　12:07 PM　　 🔋

Wi-Fi Network

SSID

Enter WiFi password

****

Cancel　　　OK

CCiphone

JSW Airport

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M ⊗
space　　return

Connecting Via the Apple App

iOS
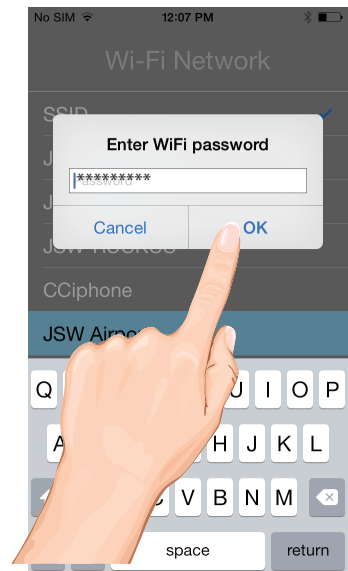
9 The system will reboot the camera, please give it up to 90 seconds, until the App finishes the count down from 90. Tap still image for live video.

If camera does not connect, tap **Reconnect** icon.

Updating...

90
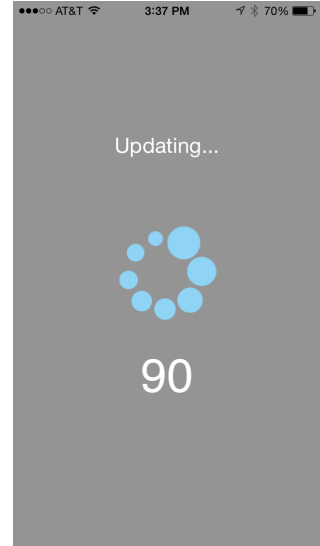
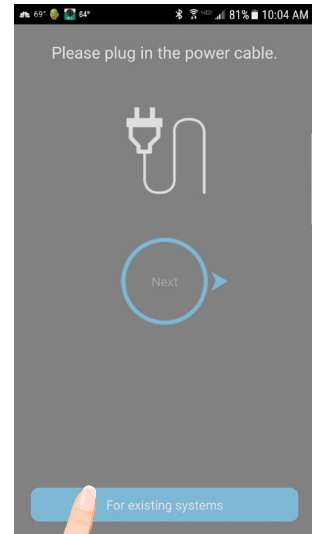## Connecting Using Ethernet Cable

1 Launch the ALC SightHD App and the Setup Wizard screen will appear.

Tap "**+**" to add new system.
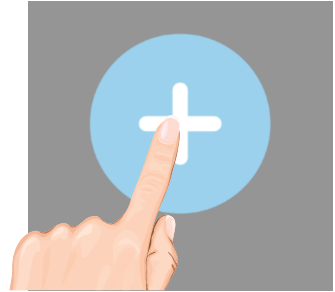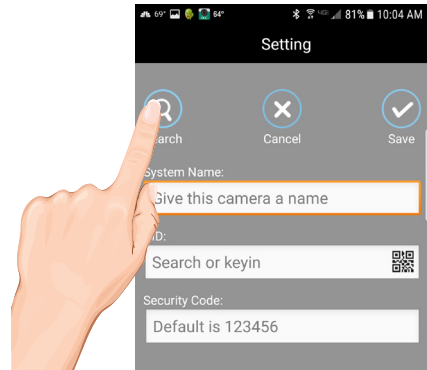
2 Tap **WiFi Cameras**.

meras
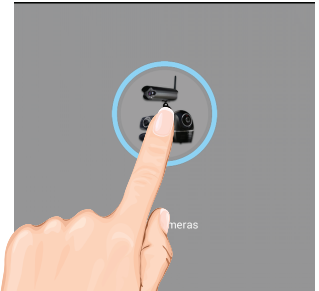
3 Tap on **For Existing System** at the bottom of screen.

Please plug in the power cable.

Next

For existing systems

Connecting Using Ethernet Cable

4   Tap on **Search** in top, left corner.

5   Select the DID Code (your Camera).
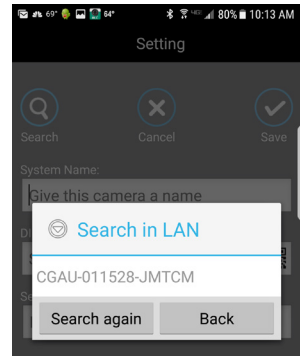
6   Enter the Default Security Code, 123456 and tap **Save**.

     Tap the **Checkmark** to Save.

Connecting Using Ethernet Cable
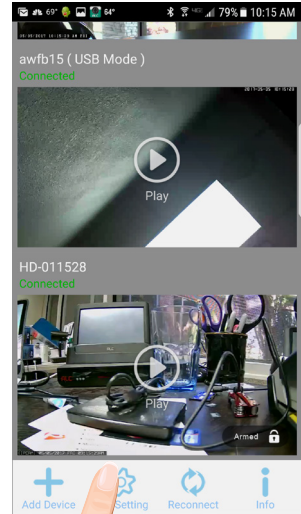
7 Tap on **Play** button.
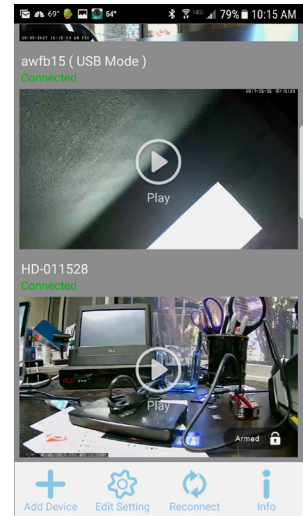
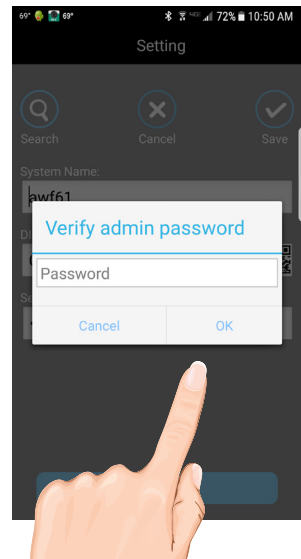**8** Enter a new Security Code and confirm. You must remember what the Security Code is. Tap **OK**.
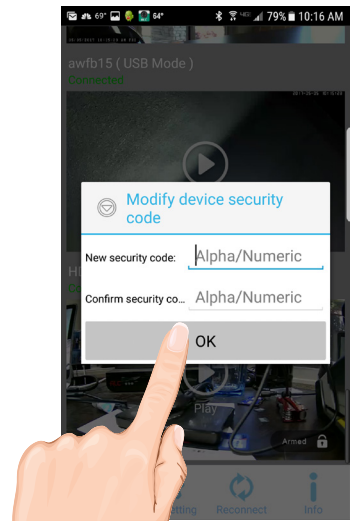
Connecting Using Ethernet Cable

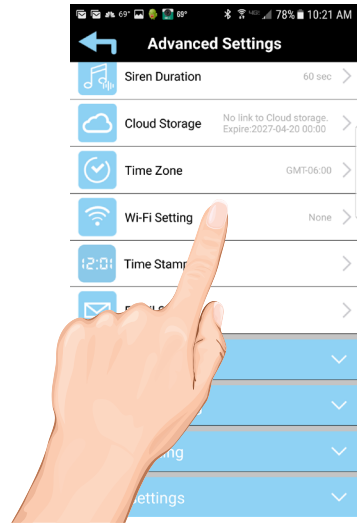**9**   Tap on **Edit Setting** at the bottom of the screen, then **Setting**, then **Advanced**.

10   Enter the default Admin password, 123456 and tap **OK**.
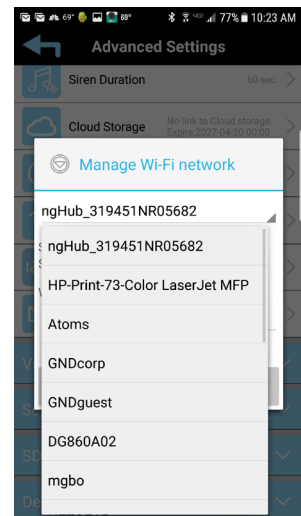
Connecting Using Ethernet Cable

11 Tap on **Base Settings** and go down to **Wi-Fi Setting** and tap on it.
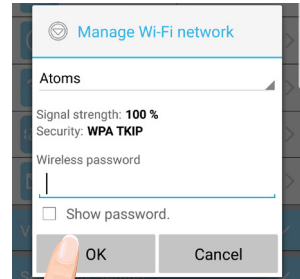

12 Tap on the first line to pull up the list of available Wi-Fi networks and select your Wi-Fi.
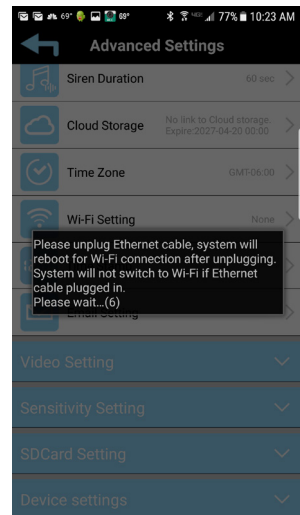
Connecting Using Ethernet Cable

13 Enter your Wi-Fi password. Tap **OK**.

> Manage Wi-Fi network
>
> Atoms
>
> Signal strength: **100 %**
> Security: **WPA TKIP**
>
> Wireless password
>
> ☐ Show password.
>
> OK   Cancel

14 Unplug the Ethernet cable from the camera.

> **Advanced Settings**
>
> Siren Duration   60 sec
>
> Cloud Storage   No link to Cloud storage,
>   Expire:2027-04-20 00:00
>
> Time Zone   GMT-06:00
>
> Wi-Fi Setting   None
>
> Please unplug Ethernet cable, system will
> reboot for Wi-Fi connection after unplugging.
> System will not switch to Wi-Fi if Ethernet
> cable plugged in.
> Please wait...(6)
>
> Video Setting
>
> Sensitivity Setting
>
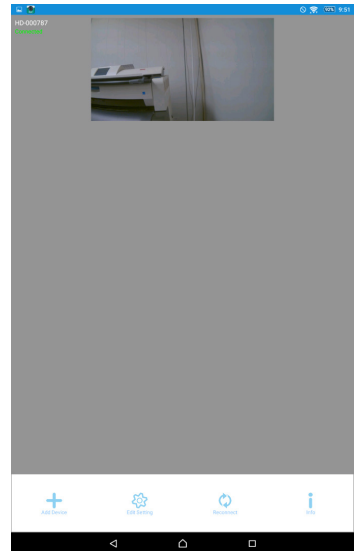> SDCard Setting
>
> Device settings

15 The camera will reboot during the 90 second countdown and will be connected to your Wi-Fi after this process is complete.

ALC SightHD App Icons

Main Screen

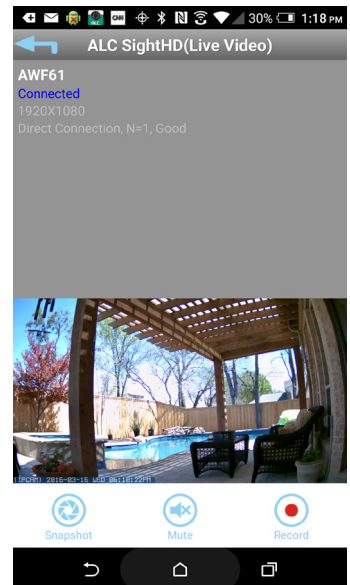A still picture (or two arrow icons) will appear when on the main screen. Tap the still screen to access the live video screen.

See the next page for icon descriptions.

Live View Screen

The following icons appear when on the Live View Screen. See page 26 for icon descriptions.
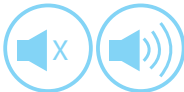
If desired, rotate the Android or Apple device 90° for full screen landscape viewing. The icons will not appear when viewing in this landscape mode.

ALC SightHD App Icons

Icon	Icon Description
Add System	Tap this icon to enter the setup wizard; see page 12 for Android and page 14 for Apple. See page 19 if connecting using an Ethernet cable.
Edit Setting	Tap this icon to access the App's options. See below: Tap this icon to set up camera configuration or make changes to your existing settings. It is also where the Advanced Settings are accessed. Tap this icon to remove the camera's connection. Tap this icon to access the Events List to check or playback the videos. See page 32.
Reconnect	Tap this icon to refresh the camera's connection.
Information	Tap this icon to enter the Setup PIN Lock, Set the Notify Setting, Set Video Hardware Acceleration or check the APP/API version information. See page 37.

ALC SightHD App Icons

Icon	Icon Description
Snapshot	Tap to capture screen images. The snapshots will be saved into the camera roll of your mobile device. See page 28 for more details.
Record	Tap to record and tap again to stop recording. See page 30 for more details.
Mute	Press to hear the sound of the camera's microphone through the SightHD App. Tap again to mute the sound.
Return	Tap to return to the Main screen.

To Take Snapshots

1 From the Main screen, tap to remote view your camera system.

2 Tap the **SNAPSHOT** icon to take a snapshot of the current image; "Snapshot is successful" will appear briefly.

To View Snapshots

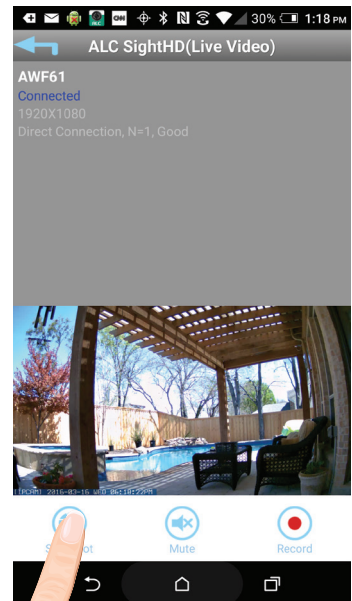**FOR iOS:**

Your snapshots will be named with the time stamp and saved into the Camera Roll > snapshot folder on your Apple device.

FOR ANDROID:

Your snapshots will be named with the time stamp and saved into the Photo gallery > snapshot folder on your Android device.

To Take Snapshots

3 **PINCH AND ZOOM**: To zoom in or out, use the simple pinch and zoom gesture with this app.

To View and/or Take Videos

1 From the main screen, tap to remote view your camera system.
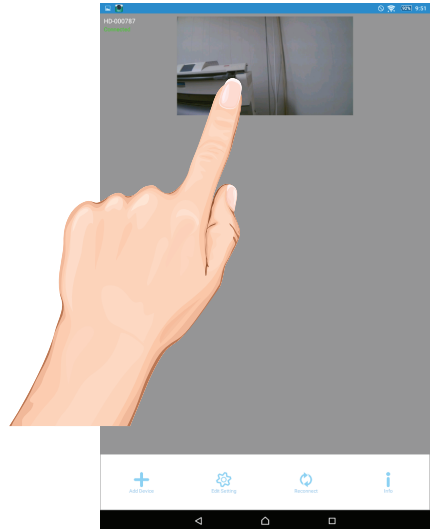
2 Tap the **Record** icon to start recording (the recording icon appears at the top-right corner). The App will record for 1 minute. See page 32 to playback videos.

Note: An SD Card is needed. If no SD card is inserted, "NO SD CARD" message will appear briefly. See page 9 for details.

Cloud: When an SD card is inserted and the Cloud option is activated (see page 45), recorded videos will automatically be transferred onto the cloud, i.e. Google Drive.
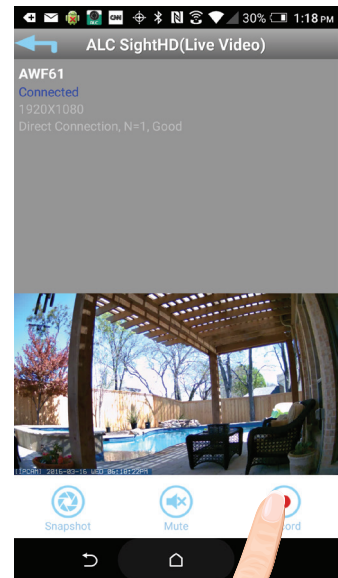
To View and/or Take Videos

3 **PINCH AND ZOOM**: To zoom in or out, use the simple pinch and zoom gesture with this app.
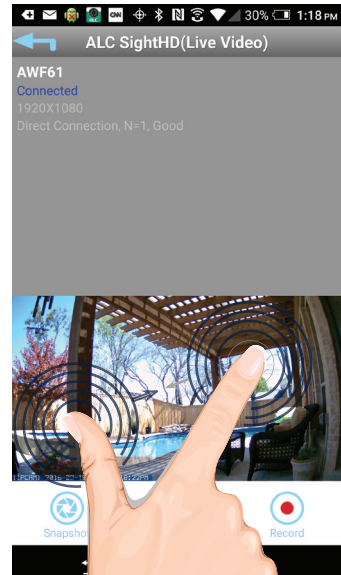
Motion Recordings

1 If set to Software Sensitivity when motion is detected on the video camera, the camera will automatically record for one minute and then stop recording. See Sensitivity Settings on page 46.

To Play Videos

1   From the main screen, tap the **Edit Setting** icon.
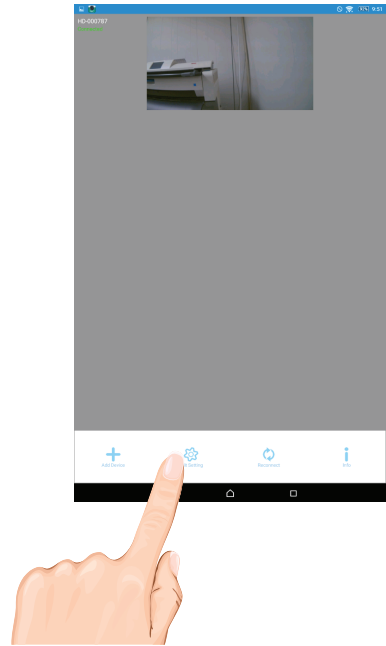
2   Tap the **Event** icon; the "Select Event Filter" pop-up will appear. For Apple, see note below.

APPLE: You must tap the **Search** (Magnifying glass) icon to bring up the Event's screen.

To Play Videos

3 Select the desired Start Time/Date of the videos you want to view by tapping on the respective option (date or time) and then tapping "**+**" or "**-**" to adjust. When finished, tap **Done**.
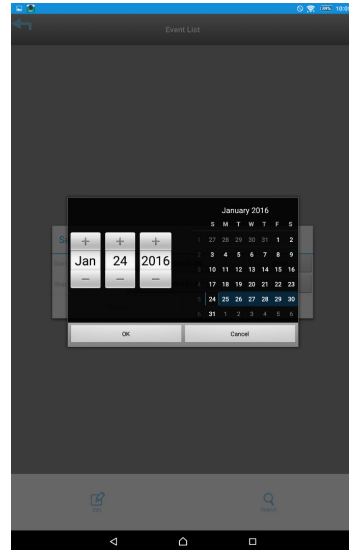
4 Repeat for Stop Time/Date, then tap **OK**; the Event List will appear.
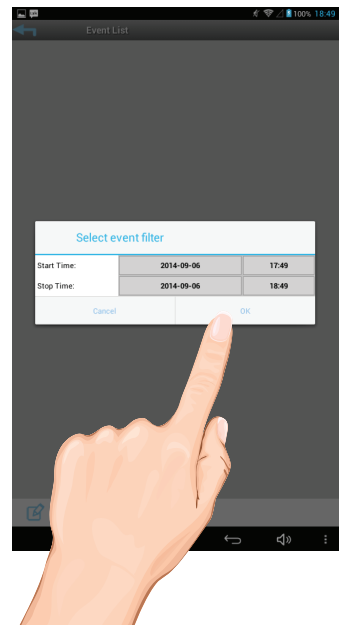
To Play Videos

5 Tap the video name once to play the video clip.

When playing back a video, tap the **Pause** icon to pause the video. Tap again to resume.

DOWNLOAD A VIDEO: To download a video to your Android or Apple device, press and hold the file name and it will download to your device.

---
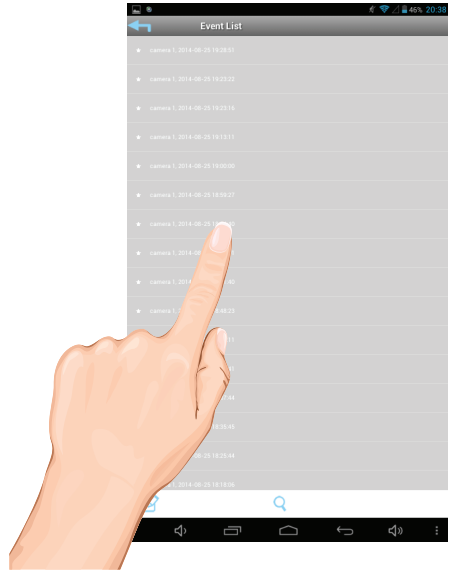
6 **To Set Display Filter:** To filter the Date/Time again, simply tap the **Magnifying Glass** while in the Events List.

TIP: When you set a filter, be sure the Time Zone feature is set accurately in the tablet/phone to reflect the current time zone the camera is at, not the time zone where you are.
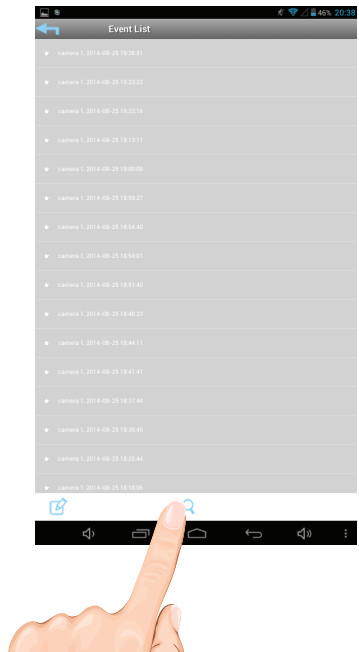
To Delete Videos

1 Access the Events List as shown on pages 32-33.

Tap the **Edit** Icon.
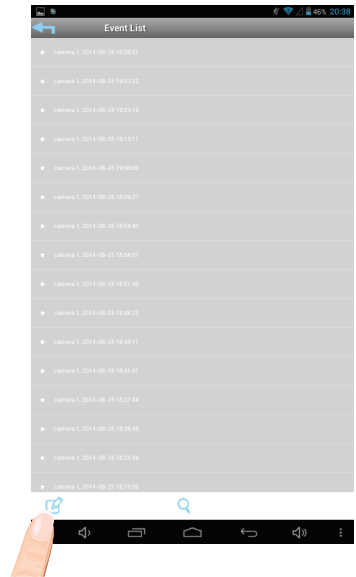
2 **ANDROID**: Select the file you wish to delete (a check mark will appear in the box to the right of the selected file) then tap the **Delete One** icon.

A pop-up box will appear asking you to confirm; tap **Yes**.

APPLE: Tap Delete One ("–" will appear next to the files). Tap the "**–**" and then tap **Delete** to delete the file.

ANDROID TIP: To delete several files at the same time, select the files you wish to remove (check marks will appear to the right of the selected files) then tap the **Delete One** icon.
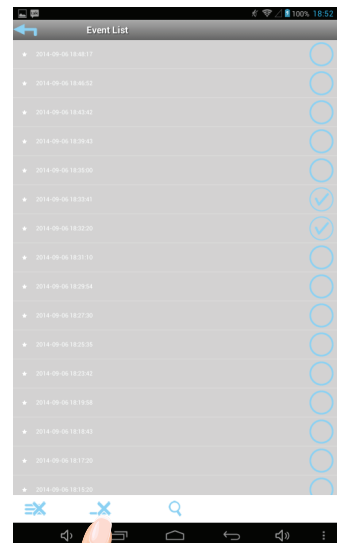
To Delete Videos

3 To delete all files, tap the **Delete All** icon.

A pop-up box will appear asking you to confirm; tap **Yes**.

Are you sure you want to delete these events?

| Yes | No |
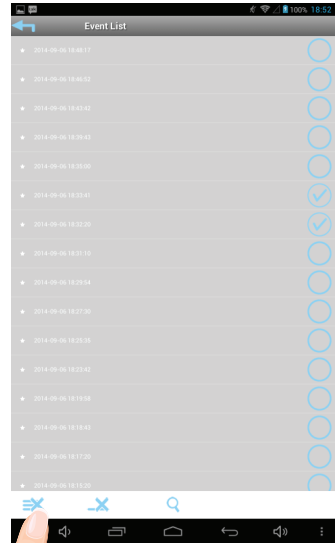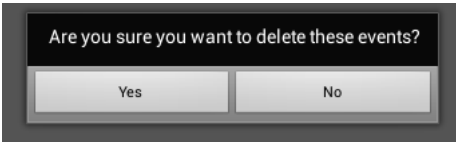
Information Screen Options

1 From the main screen, tap the
Information icon; a pop-up will appear.
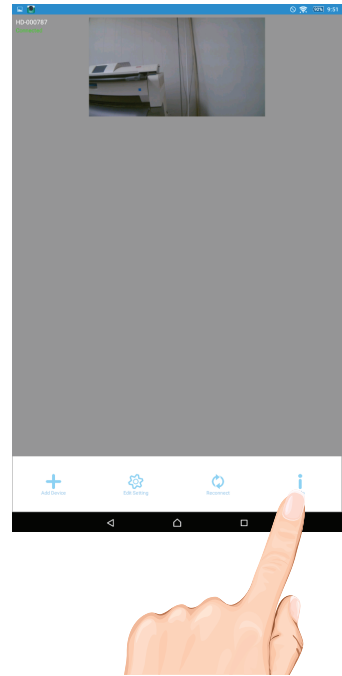
2 To view information (Version, etc.), tap
About.
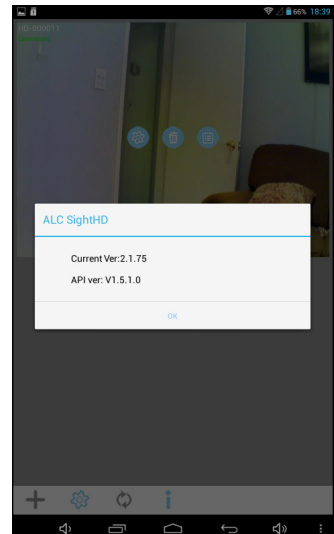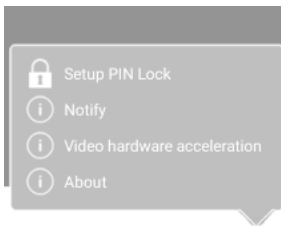
Information Screen Options

3 **ANDROID DEVICES:** To set up the App so you will get notified when motion has been detected, tap **Notify**.

Tap the **Notify Enable** box, then tap **OK**. When motion is detected, you will receive notifications.
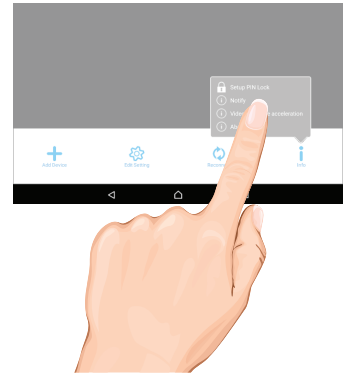
4 Tap Video Hardware Acceleration, tap the **Video Hardware Acceleration** box and then tap **OK** to activate Video Hardware Acceleration.
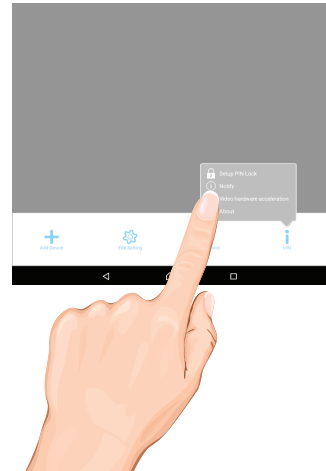
APPLE DEVICES:

1 Launch Settings/System Preferences from your Home screen on the Apple device.

2 Tap Notification Center; a list of Apps will appear.

3 Scroll down to find "ALC SightHD" App and click on it.

4 The Setting screen displays. Turn the notification ON or OFF as desired.

Note: It takes time for the changes to take effect in iOS, normally within two hours.

Information Screen Options

5 To Setup the Pin Lock, tap **Setup PIN Lock**.

TIP: Setting a PIN Lock code will prevent others from activating the app and viewing your camera images.
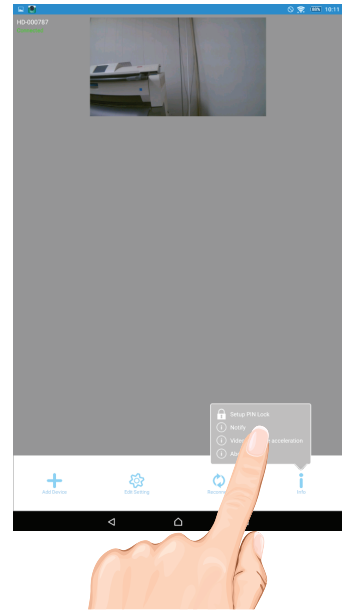
6 Tap the **Enable Lock When Starting** switch to enable, or disable the Pin Lock.

Information Screen Options

7 Using the keyboard, enter a four digit code. Then confirm this exact code.

8 Now that the Pin is set and enabled, whenever the App is opened you must enter this code.
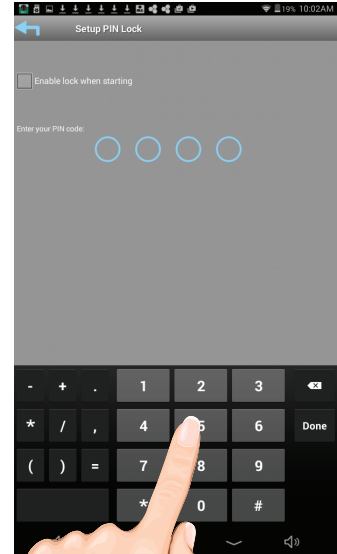
Setting Screen

1 From the main screen, tap the **Edit Setting** icon.

2 Tap the **Setting** icon; the System Information Screen will appear.
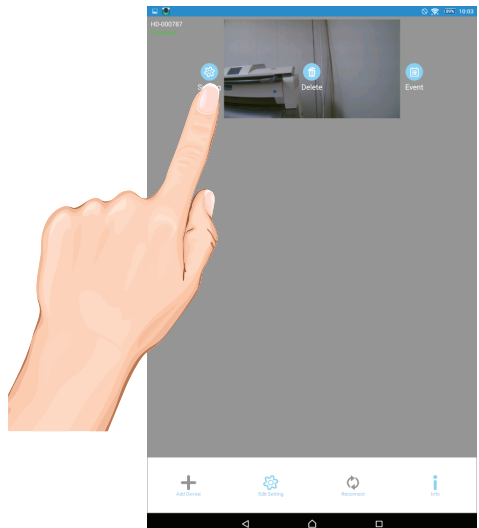
Setting Screen

3 On this screen you can change the name of your System (camera) and access the Advanced Settings menu.
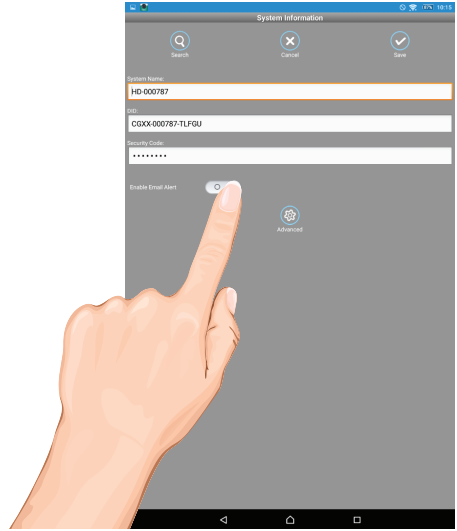
Advanced Settings

1 From the main screen, tap the **Edit Setting** icon.
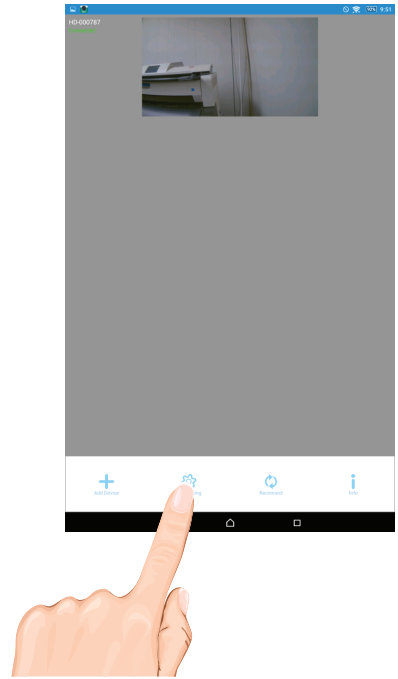
2 Tap the **Setting** icon; the System Information Screen will appear.
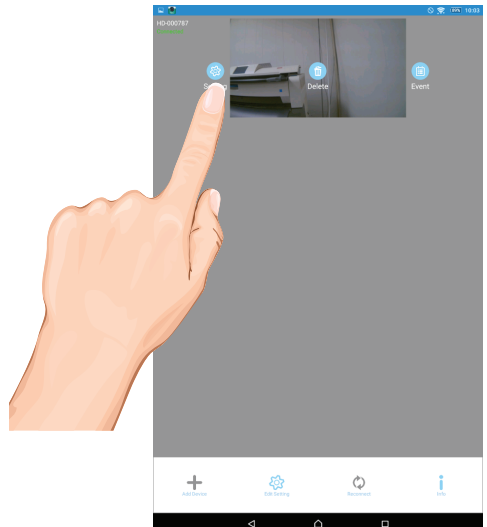
Advanced Settings

3 Tap on the **Advanced** icon.
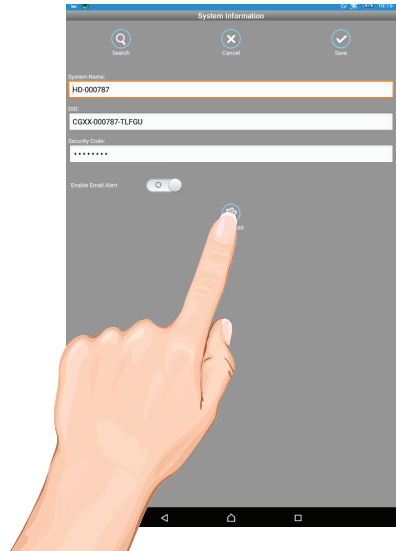
4 Enter your Admin password (Default was 123456 unless it was changed), then tap **OK**.

See the following pages for descriptions of advanced settings.
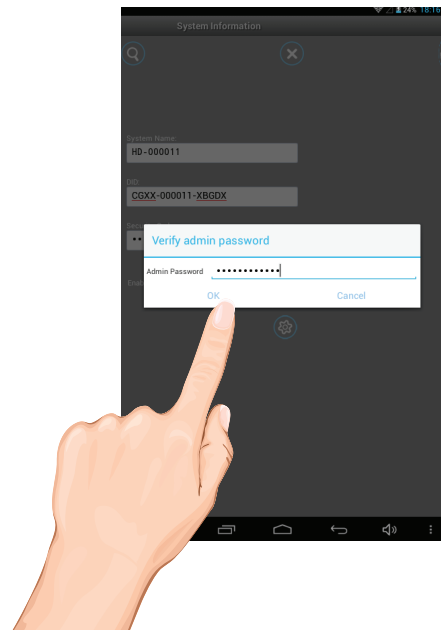
Advanced Settings

Tap on Base Settings and the Base setting options will appear. Perform the following on this screen:

ADMIN PASSWORD: Tap to change the Admin Password from the default 123456. Admin Password is used to get into this screen.

DEVICE SECURITY CODE: Tap to change the Security Code which is used to access the camera.

CLOUD SETTING: Any cloud storage criteria will appear here (i.e. Google Drive). Tap to change/set the cloud storage information. Videos recorded onto the SD card will also be transferred to the cloud storage. See page 49 to Setup a Cloud Account.

TIME ZONE: Tap to change/set the Time Zone where the camera is located.

WI-FI SETTING: The Wi-Fi setting allows you to choose the home network and setup the

Wi-Fi environment. When you tap **WI-FI Setting,** the system automatically scans the nearby network and shows the available Wi-Fi routers in the list. Choose the Wi-Fi router connected to the home network and enter the Wi-Fi router password if necessary. Due to security concerns, it is suggested to use the WPA/WPA2/WPA2-PSK protocol for Wi-Fi network.

TIME STAMP: Tap to set the position and color of the time stamp.

EMAIL SETTING: Tap to enable the Email Alert as well as set your email.

NOTE: Some changes will result in the camera rebooting. If it does, re-launch the App when you see the green Status indicator light.

Continued on the Next Page

— 45 —

Advanced Settings

Tap on Video Setting and the Video setting options will appear. Perform the following on this screen:

VIDEO QUALITY: Tap to set the Video Quality. Tapping **Better Streaming (VGA)** will allow for faster video streaming, but the picture will not be as clear. Tapping **HD Video (1080P)** will give the best video but will be slow. Tapping **Better Image (720P)** will provide mid speed and mid video picture.

ENVIRONMENT MODE: Tap to select the frequency used in your area. North America uses 60Hz, European countries use 50Hz. Select Outdoor if this camera is used outdoors (not recommended).

LOW LIGHT ENHANCEMENT: Tap to set the Low Light Enhancement. 5 will provide the brightest enhancement and 1 the lowest.

SCREEN ORIENTATION: Tap to select the desired screen orientation; Normal, Flip, Mirror or Flip & Mirror (use Flip & Mirror when camera is in the hanging position).
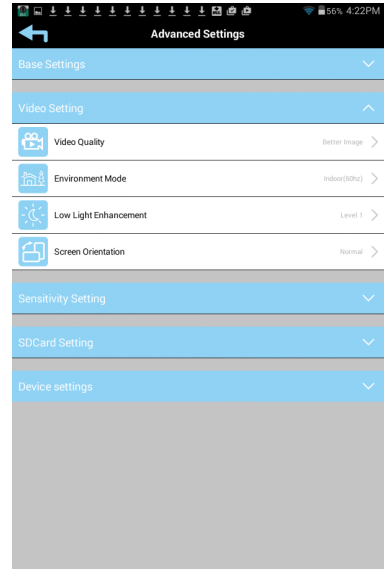
Tap on Sensitivity Setting and the Sensitivity setting options will appear. Perform the following on this screen:

DETECT MODE: Tap **Detect Mode** to set the desired Sensitivity Settings as follows:

> **OFF:** Turns sensitivity off. (No Motion Detection)

> **Software**: Uses advanced software for motion detection. In this setting, set the Day and Night as desired. Higher means more sensitive to less motion creating more recordings.
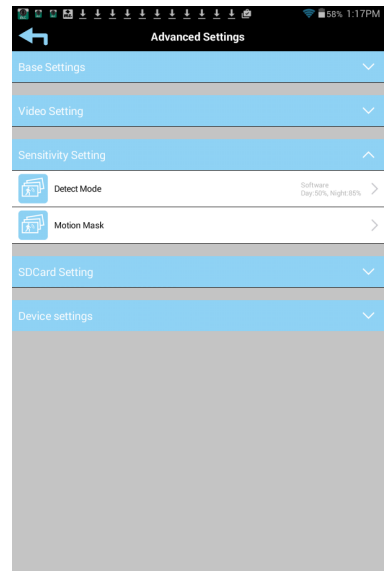
Continued on next page.

Advanced Settings

MOTION MASK: This option is only visible when the Software option under Detect Mode has been activated. This feature will allow you to mask areas of the screen from detecting motion and activating the motion detector recording for that area. For example, if a pet sets off the sensor, you can mask the lower areas that the pet would be visible in, or if a tree branch moving in the wind sets it off, you can mask the areas where the tree branch is in the video.

1 Use the **Quick De-Select and/or Tap Screen** option to manually mask a block anywhere on the screen; the block will turn black. To un-mask a block, simply tap it again.

2 Use the quick right and left options to quickly select the right or left side of the screen to mask. Simply tap this option again to un-mask.

3 Tap the **Save** icon when done.
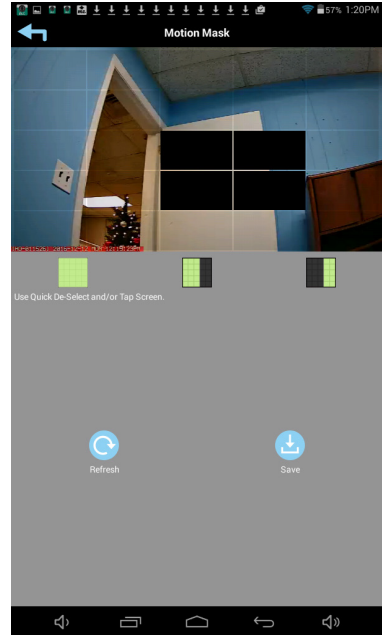
NOTE: Some changes will result in the camera rebooting. If it does, re-launch the App when you see the green Status indicator light.

Advanced Settings

Tap on SD Card Setting and the SD Card setting options will appear. Perform the following on this screen:

FORMAT SD CARD: Tap and then confirm to format the MicroSD card inserted in the camera.

OVERWRITE SD CARD: Tap this switch to activate. When activated, the camera will delete the oldest recordings in order to record new files when the MicroSD card is full.
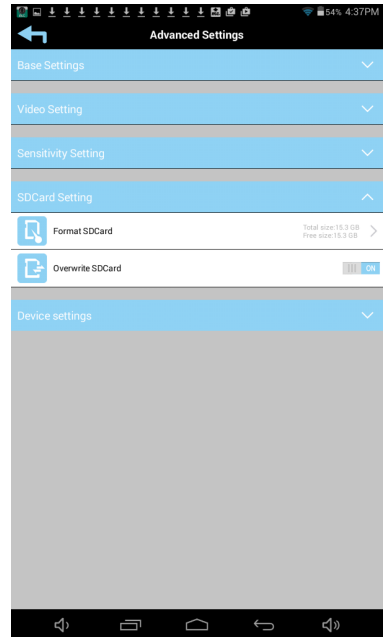
Tap on Device Settings and the Device setting options will appear. Perform the following on this screen:

PROFILE SETTING: Tap and then select one of the following:

SAVE: Tap to save the current Advanced Settings (Time Zone, Video Setting, Sensitivity, Email and Overwrite).

LOAD: Tap to load in a previously saved Profile (Time Zone, Video Setting, Sensitivity, Email and Overwrite). This is useful if you want to apply the same settings to another camera quickly.

DEVICE INFORMATION: Tap to view the device information, including current firmware version, total size and free size (space available).
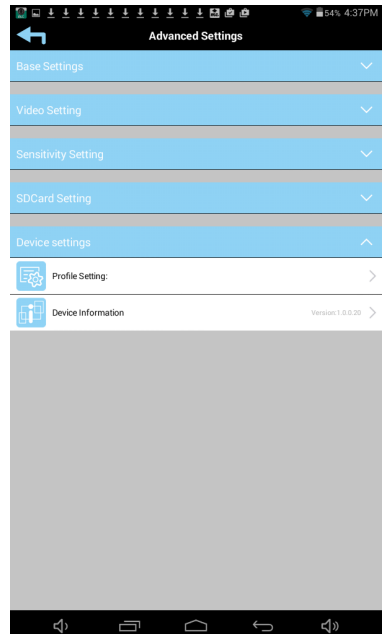
Cloud Account Setup

The AWF61 has a feature that will automatically upload recorded video files from the cameras MicroSD card to either Google Drive® or Dropbox®. To use this feature you must already have an existing Google Drive or Dropbox account.

To sign up for a free account, go to:

www.google.com/drive
www.dropbox.com

There is no charge from ALC to use this feature. It is free!

1 After setting up your Google Drive or Dropbox account, you will need to establish an ALC Cloud account. To do this go into Advanced Settings as shown on pages 43-44.

2 Tap the **Cloud Storage** option.

3 Tap **Binding**.

Cloud Account Setup

4 On the Sign in screen, tap **Create**.
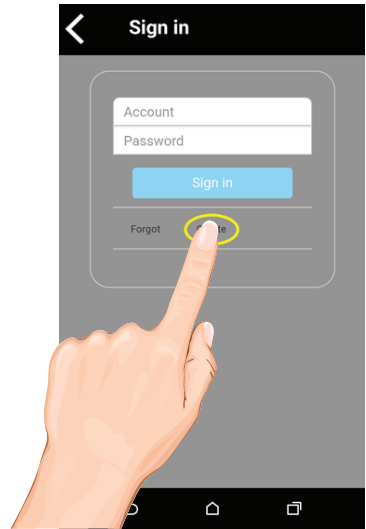
5 To create your Cloud account, enter a valid email address and create a password. Agree to the privacy policy.
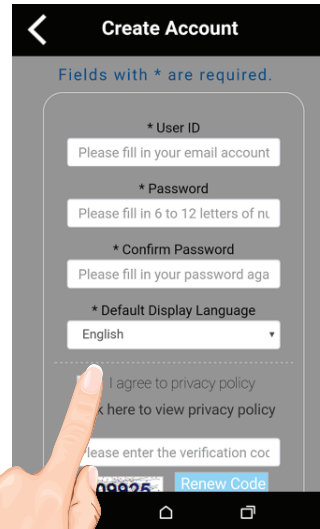
Enter the verification code and tap **Submit**.
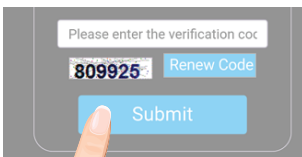
Cloud Account Setup

6 After creating the account, a welcome screen appears. Tap **OK** to dismiss the message.

mark.lessor@atomslabs.com

••••••

The page at "https://web.omguard.com" says:

Welcome~

OK
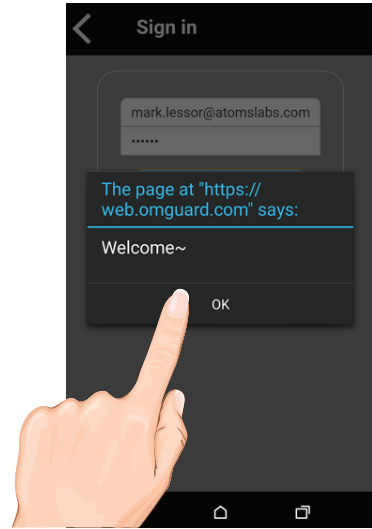
7 When the Device List appears, tap on the desired option; Google Drive or Dropbox, to create the binding.

Device List

Front door [CGAU-011511-LWVEB]

Google Drive Authentication

Dropbox Authentication

Delete Camera

ALC
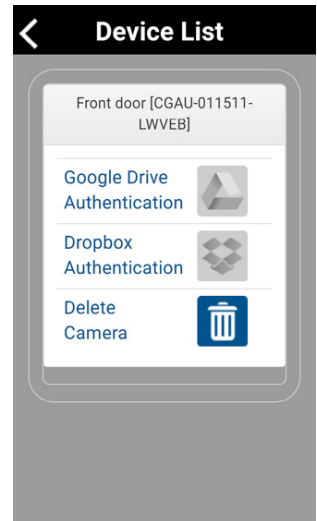
Cloud Account Setup

8 To confirm binding, tap on the **Dropbox** or **Google Drive** icon.
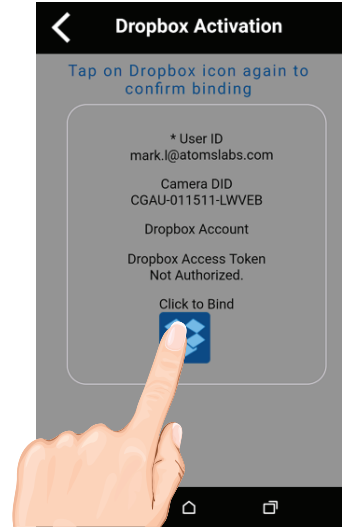
9 Now, you will need to sign in onto your Google Drive or Dropbox account. Enter your email and password and tap **Sign in**.

Congratulations! Your Cloud setup is complete. Now you can access videos anywhere by simply going into the Google Drive or Dropbox website or app.

NOTE: Videos will automatically be saved onto the Cloud when a MicroSD card is inserted and the Cloud Storage is setup.
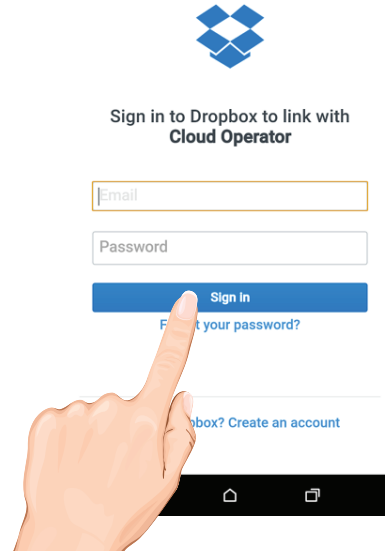
Cameras

When dust and grime builds up on the camera lens and glass, it will affect the night vision capability. The infrared light reflects off of the dust and grime, limiting the camera's "vision." Use a microfiber cloth to regularly clean the camera or when night vision video is cloudy or unclear.

If you have any trouble with your system, try these simple steps which should handle most common issues.

Problem	Possible Solution
The App cannot locate the camera.	Make sure the camera's power is on.
	Make sure your network supports DHCP protocol.
	Make sure the camera and mobile device are on the same network or router.
	Use the Add Camera feature to manually add the camera.
	Make sure the home network is selected.
No Image appears.	Make sure the camera's power is on.
	Make sure the power adapter is not damaged or defective and plugged into an electrical outlet with power.
	Relocate the camera to obtain the best reception of wireless signal.
	Make sure the camera is properly configured in App.
	Make sure the mobile device is connected to 3G/4G/Wi-Fi properly.
Poor picture quality.	Clean the camera lens using a microfiber cloth.
	Select a different setting for video quality, see page 46.
The motion sensor does not respond to movement.	Ensure the MicroSD card is inserted into the camera.
	There might be no movement detected to trigger.
	Sensitivity option is not activated, see page 46.
The App cannot record any video clips.	Make sure the camera's power is on.
	Make sure the MicroSD card has been correctly inserted.
	Make sure the motion detection function has been enabled, see page 46-47.
	Format the MicroSD card when it is used for the first time.
Email Alert is not working.	Make sure you are using a Class 10 rated memory card.
	Make sure the email alert function is enabled.
	A Gmail account is suggested for the email alert function.
	Make sure you have setup the system configuration as suggested in the Email Alert section.
	Make sure the email address has been correctly entered.

Problem	Possible Solution
A white image appears at night.	The camera's infrared LEDs shine invisible light that reflects off of surfaces such as glass and will cause white light. Place the camera on the other side of the window to improve the night vision or place it in a well-lit area (recommend to install a security lamp to improve lighting).
Memory card error.	Make sure the MicroSD card is correctly inserted in the camera and formatted. Make sure you are using Class 10 rated memory card.
Wrong data and time are shown.	Wrong date and/or time will result in unexpected record schedule. Make sure you've selected the correct time zone. Confirm the system date/time of the mobile device to ensure correct operation. Clock will set itself when connected to the internet. Make sure the system is connected properly to the internet. You may use your mobile device to access the system to see if remote view is functioning properly.

Factory Default/Reset

Press and hold the Reset button on the power cable for 10 seconds and the system will start the reset process. The system will restore to factory default and you may start the Wi-Fi setup.

Upgrading the Firmware

Please go to **www.ALCWireless.com/support** for the latest firmware and installation procedures.

Camera

Communication Range .... 500 ft (150 M) in open space

Camera Resolution Single Camera 1920x1080

Operating Temperature .... 14°F ~ 122°F (-10°C ~ 50°C)

Operating Voltage.. DC 5V, 1.5A

Current Consumption .... 500 mA (MAX)

Night Vision 65ft

Dimensions.. 2.6 x 1.8 x 5.2 in (66 x 46 x 132 mm)

MicroSD Card Time (8GB) .... 1,000 Events (HD/Better)

One-Year Limited Warranty

IMPORTANT: Evidence of original purchase is required for warranty service. Atoms Labs LLC ("ALC") ELEMENTS OF WARRANTY: ALC warrants, if properly installed and used thereafter in strict accordance with the use and care guidelines provided in the instructions manual, the Product shall be free from manufacturing defects in material and workmanship for one (1) year from the documented date of purchase. The purchase date must be documented with either an original sales receipt from the first retailer selling the Product or by credit card receipts or statements. The warranty is non-transferrable.

LIMITED WARRANTY: The warranty terminates one year after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by ALC, (C) improperly installed, (D) serviced or repaired by someone other than an authorized ALC service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by ALC, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

THIS WARRANTY DOES NOT COVER DATA LOSS, OR COSTS RELATED TO DATA RECOVERY. ALC MAKES NO WARRANTY THAT ANY SOFTWARE PROVIDED WITH THE PRODUCT WILL FUNCTION WITHOUT INTERRUPTION OR OTHERWISE BE FREE OF ANOMALIES, ERRORS OR VIRUSES. THIS WARRANTY DOES NOT COVER ANY COSTS RELATING TO REMOVAL, REPLACEMENT, OR INSTAL-LATION OF ANY PRODUCT, REGARDLESS OF WHETHER THE PRODUCT IS FOUND BY ALC TO BE DEFECTIVE, OR SOFTWARE INSTALLED ON THE USER'S COMPUTER.

ALC DOES NOT MAKE ANY CLAIMS OR WARRANTIES OF ANY KIND WHATSOEVER REGARDING THE PROD-UCT'S POTENTIAL, ABILITY OR EFFECTIVENESS TO PREVENT, MINIMIZE, OR IN ANY WAY AFFECT PERSONAL OR PROPERTY DAMAGE OR INJURY. ALC IS NOT RESPONSIBLE FOR ANY DAMAGE, LOSS OR THEFT RELATED TO THE PRODUCT OR TO ITS USE FOR ANY HARM, WHETHER PHYSICAL OR MENTAL RELATED THERETO. ANY AND ALL CLAIMS OR STATEMENTS, WHETHER WRITTEN OR VERBAL, BY SALESPEOPLE, RETAILERS, DEALERS OR DISTRIBUTORS TO THE CONTRARY ARE NOT AUTHORIZED BY ALC AND DO NOT AFFECT THIS PROVISION OF THIS WARRANTY. THE LIMITED WARRANTY IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF LOST REVENUE, PROFIT, OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. Your damages will be limited to the total purchase price you paid for the Product.

Use of audio or video equipment for recording the image of a person without their knowledge and consent is prohibit-ed in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local and federal laws. Atoms Labs has no responsibility or liability for how the end-user uses a product. Wireless cameras require a wired connection to AC power outlet. Network conditions and environmental factors can adversely affect wireless signal range. Actual night vision range and image clarity depends on installation location, viewing area and light reflection / absorption.

This Product may only be sold in the United States of America and Canada. There is no warranty whatsoever on the Product outside of the United States of America and Canada.

STATEMENT OF REMEDY: If the Product is under warranty, ALC will either, at its option, repair or replace the defective Product and return it to you without charge for parts, service, or any other cost. ALC, at its option, may replace the Product with a new or refurbished Product.

LEGAL REMEDIES: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. All parties irrevocably submit themselves to the exclusive venue and personal jurisdiction of the state and federal courts in Denton County, Texas with regard to any dispute relating to this Warranty or its enforcement. The parties also hereby waive any challenge to venue and personal jurisdiction they may have to a lawsuit filed in a state or federal court in Denton County, Texas, regarding a dispute between the parties relating to this Warranty or its enforcement. You agree that Atoms Labs is entitled to its reasonable and necessary attorney's fees if it is a prevailing party in litigation against you relating to this Warranty. If any provision of this Warranty is found to be invalid, illegal, or unenforceable, the validity, legality, and enforceability of any of the remaining provisions will not in any way be affected or impaired and a valid, legal, and enforceable provision of similar intent and economic impact will be substituted therefore.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts & accessories originally packaged with the Product. Include evidence of original purchase & a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

ATOMS LABS, LLC
2670 Firewheel Drive • Suite D
Flower Mound, TX 75028

CUSTOMER SUPPORT
1.844.767.8544

9:00am - 6:00pm (Central Time)
Monday - Friday

ALC reserves the right to make changes to its products without incurring any obligation to modify any product that has already been manufactured. This warranty does not cover any alteration or damage to any other software that may be or may become resident on the users system as a result of installing any software provided.

ALC appreciates your support and feedback! If you come across software bugs or ways we could improve our products, we would love to hear about them! Please email us at **support@atomslabs.com** and you will hear back from us.

FCC Compliance Statement: This device complies with Part 15 of the FCC rules. Operation is subjected 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 my cause undesired operation.

Products with CE Marking comply with EMC Directive (2014/30/EU); Low Voltage Directive (2014/35/EU); RED: Directive 2014/53/EU; ROHS Directive (2011/65/EU) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms: EMC: EN 301 489, LVD: EN 60950, Radio: EN 300328

IC Compliance Statement: This device complies with Industry Canada's licence-exempt RSSs.Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada . Son fonctionnement est soumis aux deux conditions suivantes : (1) Ce dispositif ne peut causer d'interférences ; et (2) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

If the camera system no longer functions or can no longer be repaired, it must be disposed of according to the valid statutory regulations. Disposal of spent batteries/accumulators:

You are required by law (Battery Ordinance) to return all spent batteries and accumulators. Disposing of spent batteries/accumulators with common household waste is prohibited! Batteries/accumulators that contain hazardous substances are marked with the symbols on the side. These symbols indicate that it is prohibited to dispose of these batteries/accumulators in the household waste. The abbreviations for the respective heavy metals are: Cd=cadmium, Hg-=mercury, Pb=lead. You can return spent batteries and accumulators that can no longer be charged to the designated collection points in your community, outlets or wherever batteries or accumulators are sold. Following these instructions will allow you to fulfill the legal requirements and contribute to the protection of our environment!

Please recycle. Facilities may not exist in your area.

ALC™ Wireless
Made Simple.
ALCWireless.com

ALC™

Wireless Made Simple.