

WiseEye® DC-2



User Manual

V 1.5

wiseeyetech.com

Welcome to the WiseEye Family!

Thank you for purchasing a WiseEye DataCam 2 (DC-2). We know that you have many options of products to purchase, and we are glad you chose us.

We are a business focused on customer success. The most important thing to all of us here at WiseEye is to ensure that you have the best experience possible. Our goal is not just to take pictures but to help create opportunities. Whether you're tracking a prized animal or embarking on your child's inaugural hunt, we're privileged to accompany you on your journey.

While this manual endeavors to address all questions, should you require further assistance, please don't hesitate to reach out via phone, live chat on our website, or email. Our contact details are provided below.

Good Luck and Best Wishes,

The WiseEye Family
Psalm 46:10 - "Be Still"



Phone Support: 225-478-4026
9am-5pm CST Monday - Friday

Live Chat: Everyday at WiseEyeTech.com

Email Support: support@wiseeyetech.com

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What's in the Box?



1	WiseEye DC-2
2	Dual Long Range Antennas
3	USB Cord
4	Strap

If you believe you are missing any of these items, please contact us at support@wiseeyetech.com.

What You Will Need

POWER

- 12 AA Batteries for the Battery Tray
-OR-
- 12v Lithium Battery Pack (optional)
-OR-
- An external power source such as a solar panel or 12V Battery with a 1.7mm connector. (optional)

For more information, please see the the “Battery Selection” section.

SD CARD

- WiseEye recommends a 128GB or less Class 10 U3 SD Card
- THE SD CARD MAY NEED TO BE FORMATTED IN THE CAMERA (if it is not a WiseEye SD card)
- See the “Formatting a Non-WiseEye SD Card” section for more information.

WiseEye branded SD cards are already formatted to work in this camera and are Class 10 U3 32GB Cards.

HUNTCONTROL SUBSCRIPTION

- This is your cellular data subscription. See the “Adding a Camera to Your HuntControl Account” section for more information.

Quick Start



Scan code above to be taken to our instructional videos.

Setting Up Your HuntControl Account

A HuntControl account is required if you wish to use the cellular features of the camera. The camera will send the photos directly to your HuntControl Account in the cloud. From there, the pictures can be sent to you via email or viewed in our apps or on our website.

Create your HuntControl Account at huntcontrol.com or by scanning the QR code below.



When purchasing your HuntControl subscription, you will need to select your subscription level and billing frequency (monthly or yearly) and the number of cameras you wish to have in your account.

Once you have purchased and set up the account, log into the website or the mobile app to add your camera(s).

Downloading the HuntControl App

You can find our app on both the Apple App Store and Google Play Store by searching “HuntControl”, or you can scan the appropriate code below. The app will work on phones and tablets.



You can use the codes above to download the HuntControl App for both Android and Apple devices.

Adding a Camera to Your HuntControl Account

- You can add a camera to your account by going to the Cameras page of the website or mobile app, and clicking “+ Camera” button the website, or the “+ Add” button on the apps.

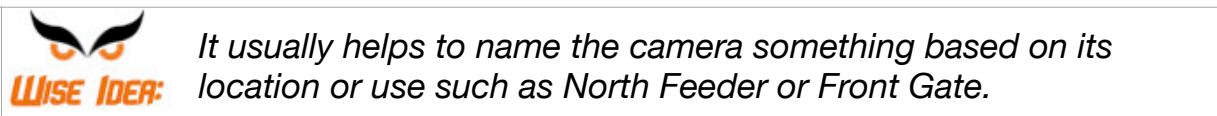
You will need the IMEI number of the camera. This can be found in multiple locations. If you are using a smart device with a camera, you can add the camera to your account by clicking “Scan Barcode” in the app. The IMEI QR code can be found in the following locations:

1. On the bottom of the camera box
2. On the inside of the front panel of the camera once you open the door. (On the White Sticker)
3. A QR code with the IMEI number can be displayed on the screen by turning the camera to “Setup”, and pressing the Down Arrow. From there,

you will see “QR code” and “Info”. Select “QR code”, and you will be able to scan the QR code to add the camera into your HuntControl Account.

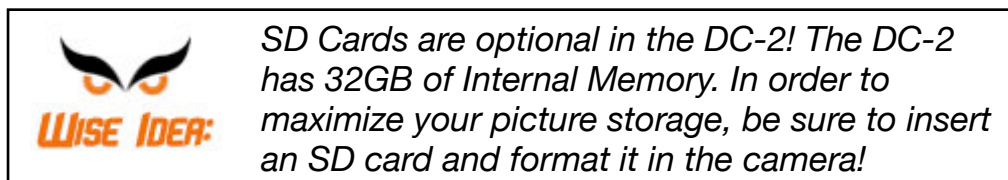
You can also type in the IMEI numbers.

After entering in the IMEI number you can add a name to the camera. The name is for your purposes only and can be changed at any time.

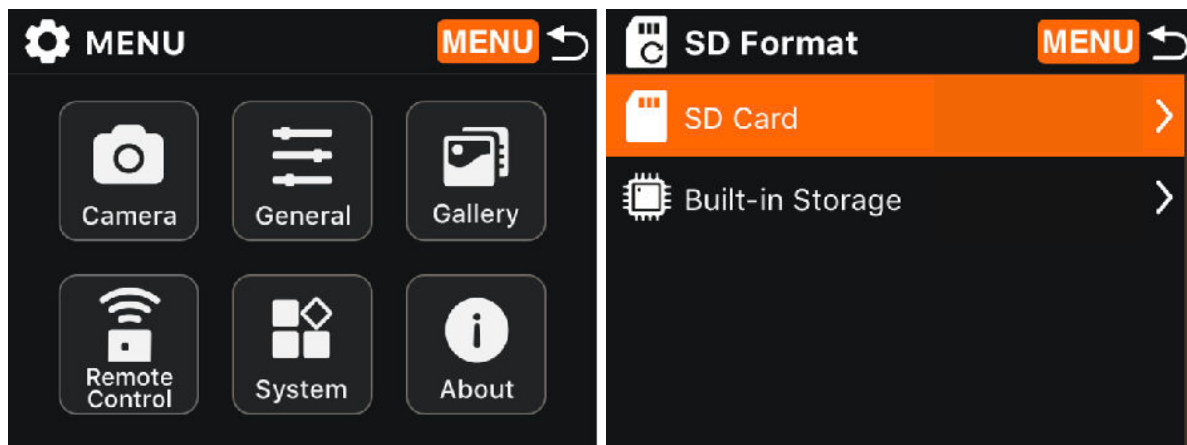


SD Card Formatting

If you purchase a WiseEye SD card, it is already formatted to work in the camera. Therefore you do not need to format it, It is a class 10, 32GB card. Otherwise, if you insert a card that requires formatting, you will be prompted to format on the screen.



1. Insert a class 10 SD U3 Card that is 128GB or less in to the SD Card slot.
2. Turn the camera to “Setup”
3. Press the menu button.
4. Navigate to the “System” Icon (*see image below*)
5. Navigate down to the “Format” command and tap the “OK” button
6. Choose the “SD Card” option (*see image below*) - the "All SD card files will be cleared" message will appear - tap OK to continue.
7. Confirm on the next screen by tapping the “OK” button again.
8. A “Format successful” message will appear if the formatting process was correctly performed.
9. Press the menu button 4 times to exit back to the main screen.
10. The card is now formatted and you should see 0000/#### on top of the home screen. The #### will be the capacity of your card in number of files it can hold given your current settings.



STAY AWAY FROM MICRO SD! They are prone to issues.

Using Your Camera in the Field

1. Secure your camera to a stable, fixed object such as a tree, pole, T-post or animal feeder.
2. The camera can be secured using the included strap or by a cable lock (not included). Clamps for T-Posts or other poles can be purchased at wiseeyetech.com.
3. Best placement is usually 4-5' from the ground, tilted at a 5-10° downward angle and 15-25' from the target location.



For optimal night images, you do not want the camera too close to the target. Animals that are very close to the camera can cause too much of the IR light to be reflected to the camera lens and blur or “wash-out” the image.

4. Install the batteries or connect the power source to the camera.
5. Turn the camera to “Set-Up”.
6. The camera is linked to a Multi-Carrier SIM card.
7. The camera will search and connect to the best carrier available.
8. The camera may take several minutes to acquire



- service and GPS.
9. The camera will need a view of the sky to acquire GPS. Some tree branches are usually not a problem, however, heavy tree cover may affect the GPS signal.
 10. Once GPS and Signal have been acquired, Send a Test Image (see “Sending a Test Picture” section).
 11. Change the settings in the camera to your desired settings. Continue reading for detailed descriptions of the various settings in the camera.
 12. Once all settings are correct, move the switch to “On” and close the camera.



Make sure to remove anything from in front of the camera that could false trigger the motion sensor or obstruct the image. It may be necessary to mow heavy grass areas for best performance.

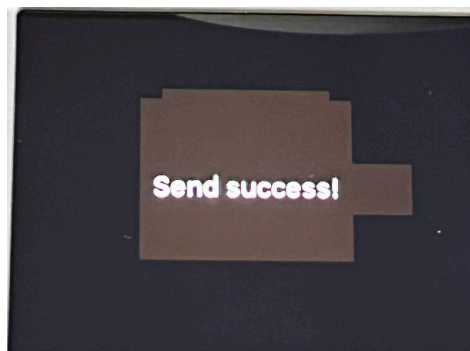
Sending a Test Image

If you want to ensure that the camera is working properly or has sufficient signal in your location to send an image, you can send a test image from the camera to HuntControl.

1. Turn the camera to the “Setup” Position.
2. Wait for the camera to acquire cellular signal. If the camera fails to acquire GPS, it will stop searching after a short time and display “NO GPS”.
3. Press the OK button one time.
4. The camera should display “Sending”



5. Once the image is sent, the screen will display “Send Success!”



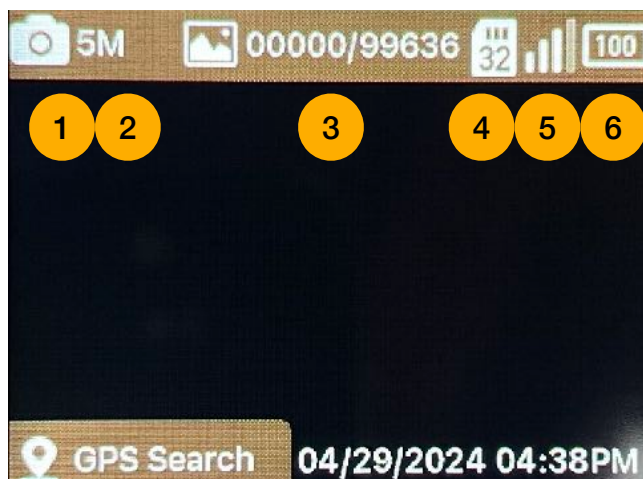
Formatting your SD card will clean and clear all the pictures from the SD card. If you notice any problems with picture sending, formatting the SD card may help resolve the issue.

DC-2 Home Screen

This screen is displayed when the camera is in the SETUP position

From left to right, top of the screen


1. **Camera icon = Photo Mode** - A video camera icon will appear here when in Video Mode
2. **32M = Picture size** - Video Size will appear here when in Video Mode
3. **SD Card Storage Amount** - This will vary depending on settings
4. **Size of SD card** - 32 GB
5. **Signal Strength** - The strength is indicating full
6. **Battery Percentage** - The battery is indicating 100%



From left to right, bottom of the screen

- **GPS Search**
- **Date** - If the date is wrong on the camera, please make sure the Date & Time setting is set to Auto (*see Date & Time under System Settings*)
- **Time** - If the time is incorrect on HuntControl, please make sure the camera is set to the correct location on the map in HuntControl.

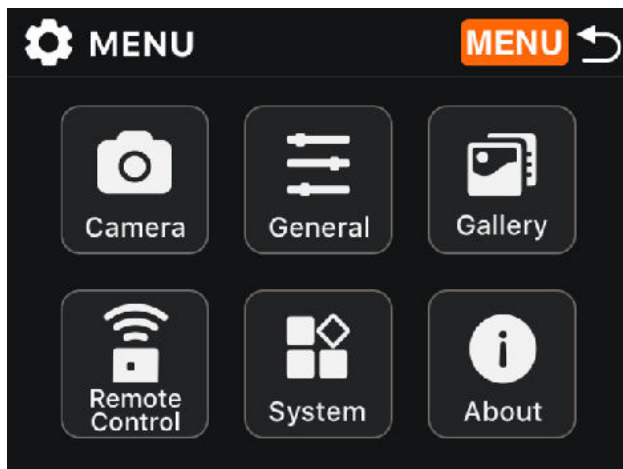
You will be able to see what the camera sees through this screen, making it easier to ensure that your camera angle is good enough for your spot.



If you notice that the GPS searching icon changes to “NO GPS”, you may be in dense cover or inside a building. The GPS will only connect if it has a clear view of the sky. If you want to test or use the camera in these locations, turn the GPS off. If you need to turn the GPS off, make sure to manually set the location of the camera, in the app, for collection of weather data.

Menu Settings

The following sections are detailed descriptions of all of the camera menus and functions.



Main Settings Menu

Press the menu button while in “Setup” to access this menu.

- **Camera**— Contains main camera settings, such as Camera Mode, Picture Size, Burst Mode, Burst Mode Interval, Video Size and Video Length.
- **General**— Contains additional camera settings including Flash Distance, GPS, Motion Sensitivity, PIR Delay, Time Lapse, and Camera Name.
- **Gallery**— Contains SD Card picture count, along with Built-In Storage.
- **Remote Control**— Contains Camera Check In, Send Frequency, and Upload Video.
- **System**— Contains Language, Camera Password, Date & Time, Battery Type, Firmware Update, SD Format, and Reset.
- **About**— Contains a QR code to scan the IMEI number (Which is also on the inside of the camera door), and Camera Info.

Camera Menu

Setting the Mode, Picture Size, Burst Mode, Burst mode interval, Video Size, and Video Length.

Picture

- Camera will collect images to send to HuntControl, when motion is detected.
- You can change the number of images taken and the image quality, please see the “Picture Size” and “Burst Mode” sections.

Video

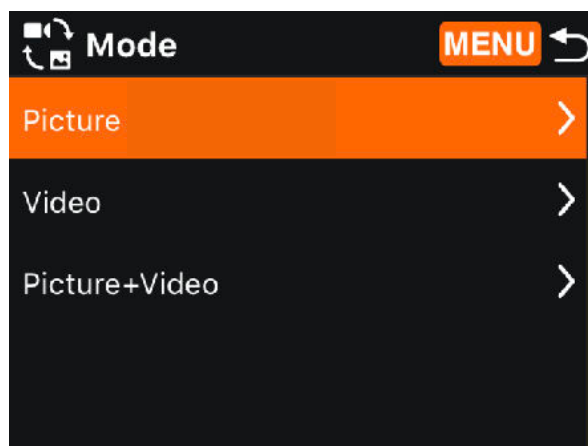
- Camera will collect videos to send to HuntControl when motion is detected.
- You can select whether you want the videos uploaded automatically or by setting your video option to “Thumbnail Image”, or “Thumbnail Video”, and then requesting the full video or full HD video. This can be managed in the “Remote Control” Menu.
- You can set the length and quality of the videos in the “Camera” menu, please see the “Video Size” and “Video Length” sections.

Pic+Video

- The camera will collect both images and videos, when motion is detected.
- You can select whether you want the videos uploaded automatically or by request in the “Remote Control” menu.
- You can set the length and quality of the videos in the “Camera” menu, please see the “Video Size” and “Video Length” sections.

Picture Size

- Set the Mega Pixel of the camera’s photos. You can set the images to be 5M, 8M, 16M, 24M, or 32M. The camera sends a HD image, but the full size image will be stored either in the internal memory or on the SD card. The MegaPixel setting only affects the size of the full size images.




Burst Mode

- The camera can take multiple photos in burst mode. You can set the camera to take anywhere between 1 and 5 pictures in a short amount of time. You can set the amount of time between images taken from 0-3 seconds. See the “Burst Mode Interval” section.

Burst Mode Interval

- Change the burst time interval between each picture. You can set the time delay from 0 to 3 seconds between each picture.
- When set on Burst Mode, the camera will take 1-5 pictures with one motion trigger covering a span of 1-15 seconds. The choice is yours!



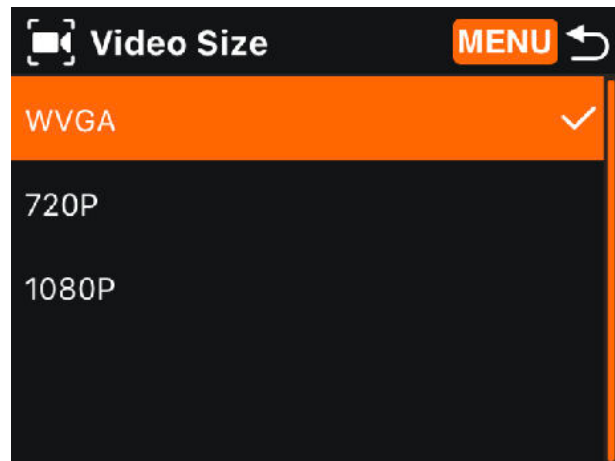


For rapid image collection, set the burst mode to 3-5 images and the Burst Mode Interval to 0 seconds. This will collect 3-5 images in under a second!

WISE IDEA: *To cover a span of 15 seconds in images - Set the Burst Mode to 5 images and the Burst Mode Interval to 3 seconds. This will save a lot of data instead of using 15 second videos.*

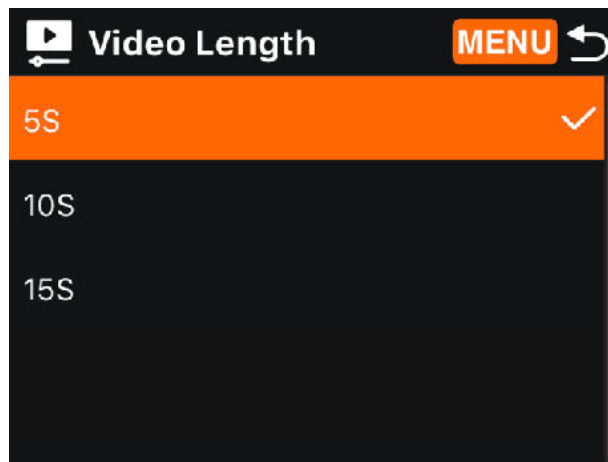
Video Size

- Changes the size of the video that is stored on the card and transmitted to HuntControl.
- **WVGA** - This is non HD video that has much smaller files and will result in the best data usage and battery life.
- **720P** - This is 720P HD Video. These files will be larger and take longer to send to HuntControl.
- **1080P** - This is 1080P Full HD Video. This is the largest and clearest video file that can be produced.



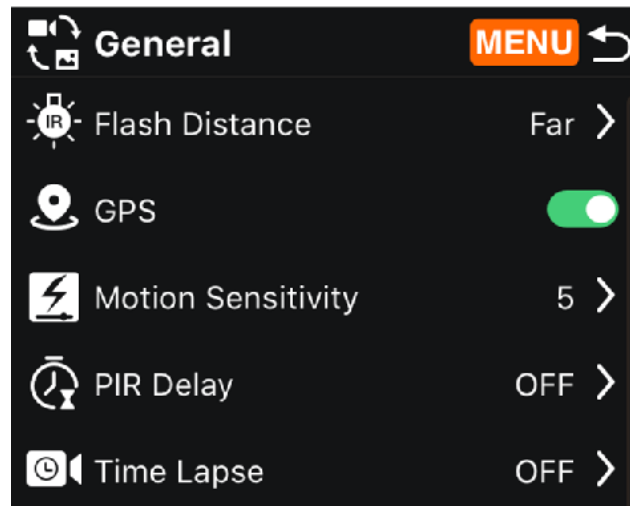
Video Length

- Choose either 5, 10 or 15 second videos to be saved to the card and sent to HuntControl. For areas with lower signal strength it is best to use lower quality videos and/or shorter videos.



The Default setting for videos is to send a thumbnail first, and you can request the full video later. This is to save data in your plan. You can change the camera to send all videos as a full video.

General Menu



Flash Distance

- Controls how bright the IR flash will be during Night images.
- Far - The more powerful IR setting, will shine the brightest and the furthest but can result in over exposed images if the subject is close.
- Near - less powerful setting, can save battery, but reduces IR distance.

GPS

- You have the option to turn on or turn off the Camera's GPS feature.

Motion Sensitivity

- You can fine tune the camera's motion sensor to your choosing. 1 is the lowest sensitivity, and 9 is the highest sensitivity. (See the "Setting the Motion Sensor" page for more information)

PIR Delay

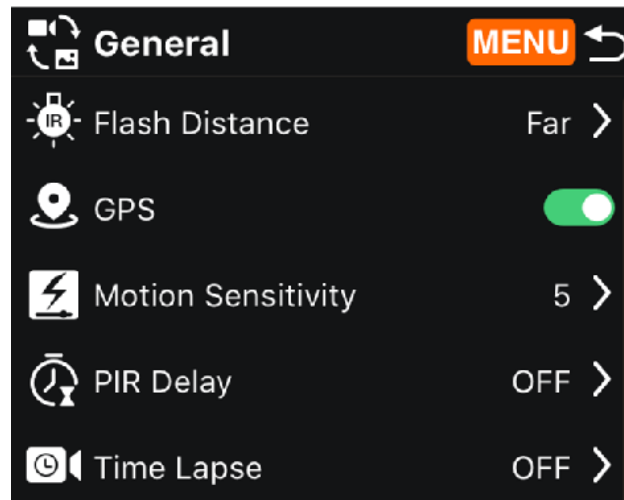
- You can set the delay of the next image taken. Change the delay between pictures to better suit your camera experience. (See *Wise Idea* on the "Setting the Motion Sensor" page)

Time Lapse

- You can set your camera to take pictures at a specified interval.

Camera Name

- Name your camera to keep track of it easier. You can name the camera whatever you wish! The name will appear on the bottom ribbon of each image. (Note: This name is not the name you see in HuntControl)



Controlling the GPS

GPS

- You can turn the GPS “On” or “Off”.
- If the GPS is “On”, the camera will search for a GPS location when in “Setup” mode, and when it is first turned to the “On” position.
- To reduce battery consumption, when the camera is set to “On” the GPS only searches once per day.
- You can also request the GPS to update its location from HuntControl in the Remote Control menu.
- If the GPS is “On” and the camera is indoors or under heavy cover, it may not function and will cause the camera to be very slow to start. For this reason, if the camera is indoors, it is best to turn the GPS “Off”.

Setting the Motion Sensor

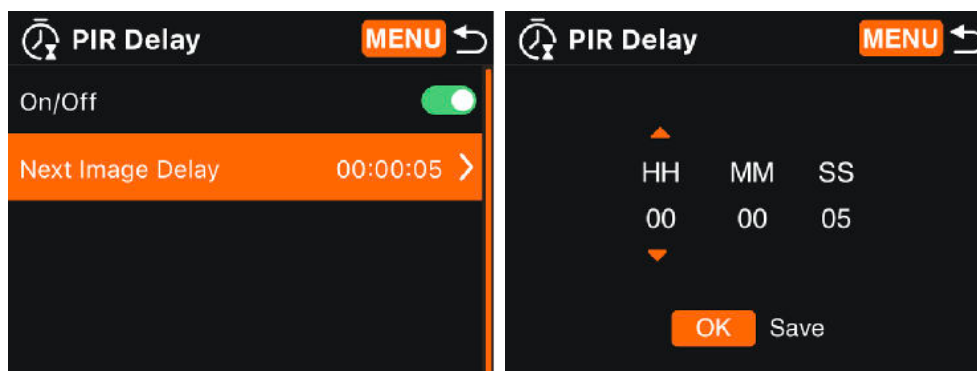
Motion Sensitivity

- 1 is the least sensitive setting for the motion sensor, 9 is the most sensitive.
- Most users find settings between 5-7 are the best overall.

- Higher settings can result in more false triggers and will require more site preparation, such as clearing vegetation and positioning the camera properly.
- Lower settings are best used when the camera is closer to the target area.

Next Image Delay (PIR Delay)

- Located under the General Menu
- Select PIR Delay and be sure the toggle switch is turned “On”
- Change the delay time by scrolling down to “Next Image Delay” and tapping the OK button. On the next screen you can select the Delay Time between triggers.
- The default delay is 10 seconds which is also the shortest delay.

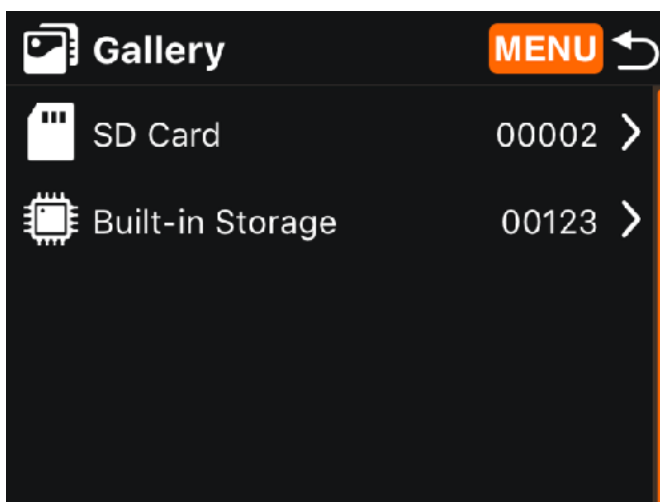


By default the camera can not take another image until the first image has been fully transmitted and the delay time has passed. If you want to collect as many images as possible, you can change the camera to collect the images and send them in batches later.

This setting is found under the “Remote Control” menu. Please see the Sending Frequency section

Gallery

While on the Home screen press the Up arrow button to open the gallery. You will need to select which memory you would like to view in the gallery.




Built-in Storage

Contains pictures stored inside the camera's built in internal 32GB Storage unit. Use the arrows to navigate to "Built-In Storage" under "SD Card". Click OK on "Built-On Storage" to access the internal memory. You can use the arrows to flip through the saved media. You can also access this from the ViewFinder screen by pressing the top arrow.

SD Card

Contains SD Card storage pictures. Click OK on SD card and use the arrows to flip through the saved media. You can also access this from the ViewFinder Screen by pressing the top arrow.



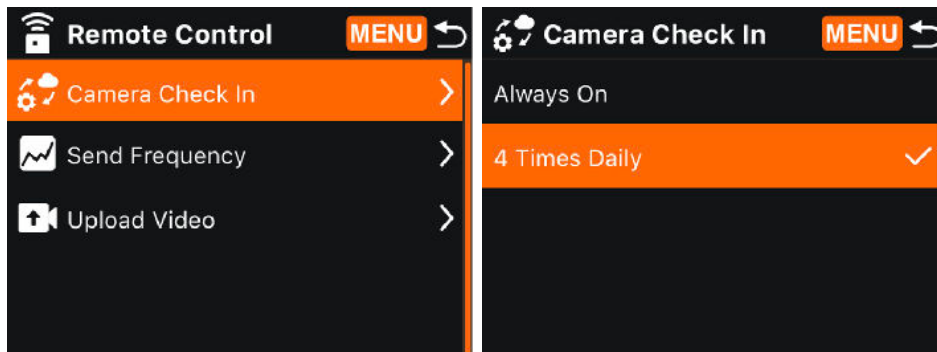
WISE IDEA: *When space runs low, the DC-2 automatically deletes the oldest files to make room for new ones, ensuring that you never miss a moment. In the event of an SD card failure, the DC-2 seamlessly switches to the internal storage.*

Remote Control

You can access the Remote Control Menu on the HuntControl Web Version, and the HuntControl Mobile App.


- In the HuntControl App, click on "Cameras" on the bottom of the screen. From there, click the "gear" icon next to the camera you'd like to change the settings on.
- Web Version - Select *Remote Control* under the *Cameras* section.

Camera Check In



Always On

This setting allows you to send commands and the camera will react immediately. You can also take an instant pic in this setting only. *(Note: When camera is in the “Always On” Mode under the “Remote Control” Section, all Pictures will be sent immediately.)*



When the camera is in Always On, it will consume more power and shorten the battery life. This is only recommended if a solar panel or external power source is being used. These can be purchased at wiseeyetech.com

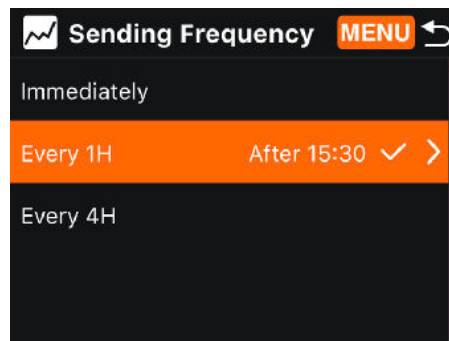
4 Times Daily

This setting is how often the camera will check in with the server to look for commands from you (*4 times a day*). This is the default setting to help save on power consumption.

Send Frequency

This menu lets you control how quickly the pictures are sent after they are taken.

- **Immediately** -This setting will send your pictures to you as soon as they are taken.
- **Every 1H** - This setting will send all the pictures taken within the hour instead of immediately. The images will be sent in batches every hour.
- **Every 4H** - This setting will send all your pictures taken within a 4 Hour duration



instead of immediately. The images will be sent in batches every 4 hours.

Upload Video

- **Thumbnail Image** - This setting will send a single frame of the video as a still image to HuntControl. From HuntControl, you can request the full video from the still image at a later time.
- **Full Size Video** - This setting will send a full-length HD video, but will consume data faster than the thumbnail option.



Sending the Full Size Video will result in faster data consumption, this setting is recommended for those on the Trophy Hunter plans.

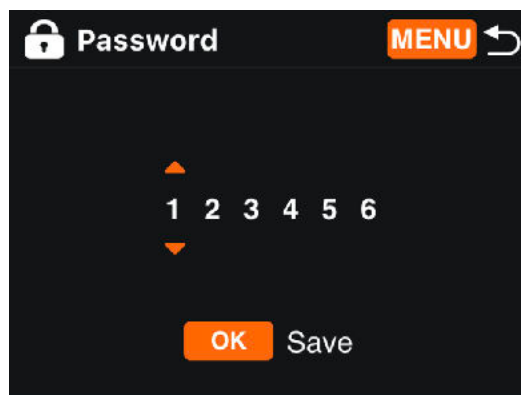
System Menu

Language

- English is the only available language

Camera Password


- Use this setting to set a personal password for access to your camera. Use the right arrow to turn the feature “ON” and then use the arrows to select a password.



If you forget your camera password, you can reset the password from the Remote Control section of HuntControl.


Date & Time

- This setting allows you to override the “Auto” time by putting it in “Manual”. Using the right arrow to select “Manual” then “OK”. Use the arrows to select the date and time desired.

 <p>WISE IDEA:</p>	<p><i>If you notice that the time or date is wrong on the time and date stamp of the pictures you receive, be sure to verify that your GPS is turned on, and make sure that your camera location has updated on the HuntControl map.</i></p>
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Battery Type

- This setting allows you to choose Alkaline, NI-MH, and Lithium for the internal AA batteries only.

 <p>WISE IDEA:</p>	<p><i>To maximize your battery usage and reduce consumption, change these settings to match the type of AA battery you are using in your camera</i></p>
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Additional Power Supply Options

DC-2 Lithium Battery Pack

(Sold Separately)

- Rechargeable 5000 mAh lithium Battery
- More reliable than AA batteries
- Solar Panel and External 12V batteries will Charge the DC-2 Lithium Battery Pack while Inside the Camera



WiseEye Solar Charger

(Sold Separately)

- Internal 5000mAh Lithium Batteries
- Tree mount and cords included with hardware
- Internal Lithium Batteries recharge with sunlight
- Can work with 12v or 6v feeders as well



WiseEye 12V Cords

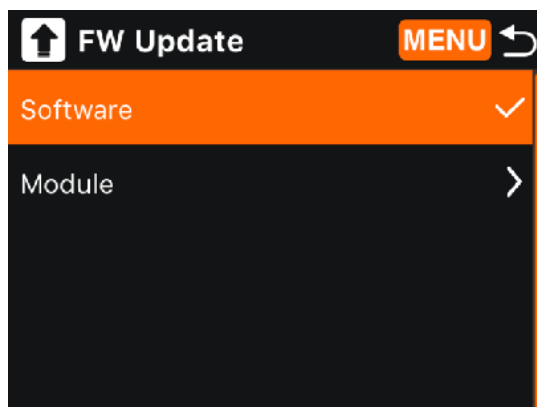
(Sold Separately)

- Use any 12V Battery to power the WiseEye DC-2. Available in Spade, Ring, or Clip connectors.



Firmware Update

- Manual firmware update only.
- You can download the zip files of the latest update and full instructions from wiseeyetech.com under the “How To” section.
- Most updates can be done remotely, without having to visit the camera. Please see “Remote Firmware Updates” section for more information.

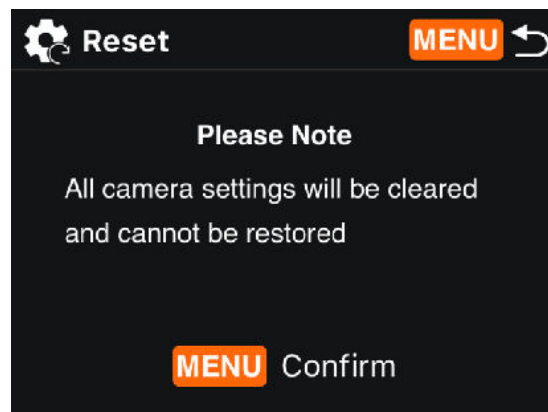


Format

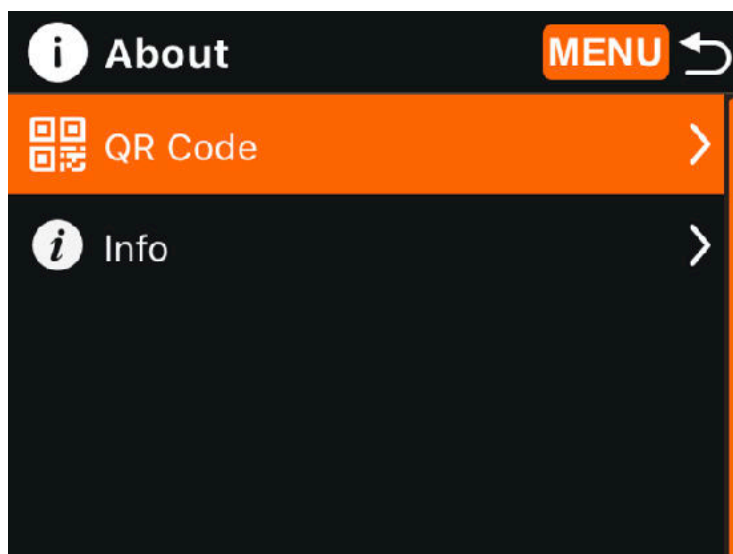
- Formatting your SD card is a crucial step in setting up your camera. The format command can be found in the System Settings.
- For more info, see the “Formatting a Non-WiseEye SD Card” section.

Reset

- Resetting the camera will reset and reboot all settings and electronic components within the camera. It is different than turning the camera off as it will completely reset and restart the entire system. This can be used to troubleshoot as well.



About Menu



QR Code

- This QR Code contains the IMEI number of the camera. This can be used to add the camera to the HuntControl App.

Info

- This setting is used to see internal information on the camera such as the model, firmware, ICCID Number, IMEI Number. This will likely only be needed by WiseEye Support Personnel.

HuntControl Features

For Full HuntControl Details and Features, visit wiseeyetech.com

Introducing ActionShot

The DC-2 is equipped with ActionShot technology. The feature that puts you in the driver's seat for capturing those adrenaline-pumping moments in the wild. With ActionShot, you can command your DC-2 WiseEye Camera to record up to 5 minutes of high-definition video on demand, all from the palm of your hand with the HuntControl app.



(All ActionShot videos are stored on the cameras internal memory or SD card)



Instructions on how to use ActionShot can be found in the Remote Control section of the HuntControl mobile or web app)

Remote Firmware Updates

When a remote firmware update is available for your camera you may see the Firmware Update button, below, in your app. Please follow the instructions when using this feature. The remote firmware update will not install unless the camera has greater than 50% battery remaining, or an external power source.

Camera Firmware Update

Setting Notifications

In HuntControl, you can customize your notifications to your preferences. To do this, open HuntControl and navigate to My Profile. Indicated by a person silhouette icon, below.

Profile

Troubleshooting/Warranty

Symptom	Recommended Steps
MY CAMERA WON'T SEND IMAGES.	<ol style="list-style-type: none"> 1. Make sure the camera is in your HuntControl account 2. Format the SD Card 3. Make sure the camera has cellular signal 4. Send a Test Image
MY CAMERA WON'T SEND VIDEOS	<ol style="list-style-type: none"> 1. Make sure your video setting is not set to "Don't Send Video" 2. The camera may not have enough signal to send a full video. Try to turn the camera to a shorter video length, lowering the video quality, or try the Thumbnail Option.
MY BATTERIES DIED VERY QUICK.	<ol style="list-style-type: none"> 1. Make sure the camera is set to "4 Times Daily" not "Always On". If you need to use "Always On", you will need a solar panel or external power source. These are available at wiseeyetech.com 3. If you are using AA batteries, make sure you are using name brand batteries, they will last longer.
I CAN'T GET GPS LOCATION ON THE CAMERA.	<ol style="list-style-type: none"> 1. Make sure GPS is turned on in the General Menu. 2. Make sure the camera has a view of the sky
NO SIM ERROR MESSAGE	<ol style="list-style-type: none"> 1. Make sure the SIM Card is fully inserted in the camera 2. Contact WiseEye support
THE MAIN SCREEN SHOWS 00000/00000	<ol style="list-style-type: none"> 1. Make sure the SD card is fully inserted 2. Format the SD Card
MY IMAGES ARE BLURRY	<ol style="list-style-type: none"> 1. Adjust the Night Settings to Balanced or Minimum Blur 2. Reduce the Flash Distance setting. 3. Adjust the position of the camera to make sure objects are not too close and causing too much IR light to be reflected towards the camera.
I GET PICTURES OF NOTHING	<ol style="list-style-type: none"> 1. Reduce the motion sensitivity 2. Make sure objects such as branches and tall grass are removed from in front of the camera.
NO SIGNAL ERROR MESSAGE	<ol style="list-style-type: none"> 1. Restart the camera 2. Make sure the SIM card is fully seated in the camera 3. Make sure the camera has been added to your HuntControl account. 4. Contact Support

Warranty

This camera is warrantied against manufacturer's defect for a period of two years from the original purchase date, to the original purchaser. Please keep a record of your purchase for warranty claims. For full Warranty Details, please visit wiseeyetech.com. Contact WiseEye support with any warranty or support related questions at 225-478-4026 or support@wiseeyetech.com.