RECONYX®
Est. 2002
SEE WHAT YOU'VE BEEN MISSING...

4K
HYPERFIRE
ULTRA HD TRAIL CAMERA

HF4K
User Manual

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2024

Next

HF4K Covert

4LRXES10000965

RECONYX, Inc. www.reconyx.com 866-493-6064

Getting Started

Contents of this package:

- HyperFire 4K™ Camera
- Adjustable Webbing Strap for mounting camera

Quick Start

1. Install 12 AA batteries and an SD memory card
   NOTE: NiMH rechargeable batteries or Energizer® AA Ultimate Lithium™ are the only battery types recommended in RECONYX® Cameras.
   Alkaline batteries are not an approved power source and any damage caused by their use will not be covered under warranty.
   Secure Digital® (SD, SDHC, SDXC, SDUC) Memory Card up to 1TB

2. Turn the camera on.

3. Follow the setup wizard prompts to program the Date, Time, Battery Type and Temperature format.

4. Your camera is now ready to take pictures.

5. When ready, press the OK button to Arm the camera or just close it up and walk away. (The camera will automatically arm after two minutes.)

NOTE: **For more detailed programming options refer to the "Setup & Programming" section on page 10.**
If you have any additional questions, you can contact our Technical Support Department by email at support@reconyx.com or by calling 1-608-781-6064.

RECONYX®, Inc.

Powering your Camera

Accessing Batteries, Memory Card & Camera Controls

To install the batteries and memory card, open the latch on the right side of the camera by grasping behind the latch and flipping it toward the front. The camera will open like a book, allowing access to the batteries, memory card and settings.

Step 1	Step 2	Step 3

TIP: Each time you open your camera it's good practice to:

- *Make sure the main gasket is seated properly and is clear of debris.*
- *Be sure that the windows on the front of your camera are clean.*
- *Also be sure the latch is fully seated when closing your camera to ensure a weather-tight seal.*

Battery Specifications and Installation

The RECONYX® HyperFire 4K™ camera uses 12 AA-cell batteries. We highly recommend using either Energizer® Ultimate Lithium™ batteries or high-quality NiMH Rechargeable batteries in your camera.

NiMH will operate at temperatures up to 120°F and down to 0°F; Lithium batteries up to 140°F and down to -40°F.

NOTE: Alkaline batteries are not recommended. They do not provide as much power as Lithium or NiMH batteries and are adversely affected by both hot and cold weather.

Alkaline batteries are not approved for use in RECONYX Cameras. Any damage caused by leaking alkaline batteries will void the manufacturer's warranty.

NOTE: Be sure to load batteries in the proper orientation (alternating positive/negative, six in each battery bay).

Warning! Do not mix battery types! Damage to the camera can result and your warranty will be voided if you mix battery types.

Battery Performance

Because camera settings, animal activity, individual battery performance and temperature all vary, there is no way to precisely predict a camera's run time, the total number of images that can be taken or the temperature at which the camera will operate on any given set of batteries. Therefore, the following table shows _approximate values_ and should be used as a guide in determining what type of batteries will best suit your needs.

NOTE**:** The values in the chart below were based on tests using 12 batteries; taking 50% daytime photos and 50% nighttime photos at 70ºF. Use of video will greatly affect these estimates.

Battery Type	Operating Temperature	Number of Images
AA Energizer® Ultimate Lithium™ (1.5V)	-40º F (-40ºC) and above	30,000 to 40,000
AA Rechargeable Nickel-Metal Hydride (1.2V, 2600MaH)	0º F (-18ºC) and above	20,000 to 30,000

*** High temperatures can reduce run time with NiMH batteries by 50% or more.**

TIP: You can purchase 1.5V Lithium batteries as well as RECONYX® certified NiMH rechargeable batteries and chargers at www.reconyx.com.

Your camera will display the status based upon battery type. Be sure that the display shows the same type of battery that you are using. You can change the battery type in the main menu.

Input power supply should be able to deliver 4 amps of current at 12 volts.

Connecting anything higher than 15 volts could damage your camera and will void your warranty.

The external power connector is located on the bottom of your camera. This connector is watertight. You will need to have clearance on the bottom of your camera to plug in the power cable (Reconyx mounting systems and security enclosures are perfect for this).

We highly recommend having a fresh set of Energizer Ultimate Lithium batteries installed in the camera even when running with external power. By having both internal and external power sources available, the camera will decide which power source to use based on which has the greater voltage; thereby avoiding a camera shutdown due to an external power failure.

Cables can be purchased from: www.reconyx.com

External Power Plug Dimensions:
4.75mm OD, 1.7mm ID, 9.5mm Barrel length.

Using the Reconyx SC10 Solar Charger

The Reconyx **SC10 Solar Charger** will power your RECONYX Camera utilizing the **External Power Connection**.

The 10-Watt Solar Panel utilizes a built-in Charge Controller to charge an internal 12 Volt, 9 Amp Hour, Sealed Lead Acid Battery (included), providing enough energy to power your RECONYX camera indefinitely in most situations. In extremely high use applications such as monitoring highways or other high traffic areas, multiple units can be connected together to increase capacity.

Memory Cards

Secure Digital® (SD, SDHC, SDXC, SDUX) Card Specifications

A Secure Digital (SD) card is required to store the photos and videos your camera captures. They can be transferred to your computer using standard image viewing software.

The maximum SD Card size is 1 TB. However, if you are only taking pictures 64GB is recommended. If you are taking 4K Ultra HD videos, then a high speed 128GB or 256GB is recommended.

Insertion and Removal of the memory card

Make sure the orientation is correct and that the card is aligned properly. Push gently on the memory card until it clicks into place.

Warning! Inserting the memory card upside down or backwards could damage the camera or the memory card. **Damage resulting from inserting the card incorrectly is not covered under warranty.**

To remove memory cards:
1) Press <OK> to disarm the camera (the number of pictures and videos taken since last armed will be displayed on the screen).
2) Switch the power <u>OFF</u>.
3) Press and release the card to partially eject the memory card.
4) The card can then be removed by grasping it with your fingers.

*NOTE***:** Always disarm the camera (by pressing OK) and switch the power off before removing or inserting the memory card.

Troubleshooting your memory card
If you have a memory card that does not seem to work or you have used the card in another device, you may need to re-format your memory card. This can be done with any computer running a Windows® Operating System.

TIP: We recommend that you purchase two memory cards per camera so that you can swap cards in the field.

Setup & Programming

With the SD card inserted in the camera, turn the camera on using the **On/Off** switch. If this is the first time you've used your camera, it will take you through initial programming for… Date, Time Format, Time, and whether to adjust for Daylight Savings.

Use the up and down buttons to change numbers and the right and left buttons to scroll through the settings. Once complete click "Next".

When going through the initial setup, you will be given the option of entering your location Latitude and Longitude. You can skip this step during initial setup and enter it later if you don't know the exact location where you will be deploying your camera. Once complete click "Next"

You will then be asked to select your Battery Type and Temp format. Once complete click "Done".

TIP: After the initial setup options are set, your camera is ready to take pictures. All you need to do is make sure your camera has an SD Card and batteries installed, mount it, turn it on, close it up, and walk away. The camera will automatically arm and start taking pictures (with default settings) in two minutes.

Default Settings

NOTE: Throughout this manual, default camera settings are shown in **red letters.**

Your RECONYX® HyperFire 4K™ camera comes pre-programmed with the following factory default settings.

- Number of Pictures: 3
- Time Between Pictures: 1 second
- Take Videos: Off
- Pause After Motion: Off

If you wish to change your camera's settings, you can do so easily in the field at any time. Changes are easily made using the control buttons and the TFT display. Once you make selections, they are retained by the camera – even when the camera is off, and the batteries are removed – so that you don't need to make selections again unless you want to make any changes.
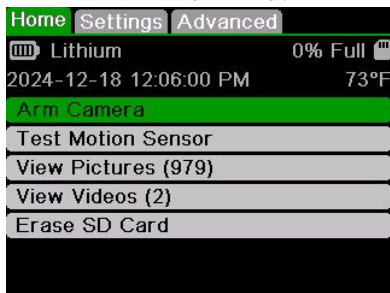
HYPERFIRE 4K™ Programming Menu

Your camera display has three "tabs" of options for programming your camera:

TAB 1: Home

TAB 2: Settings

TAB 3: Advanced

Home	Settings	Advanced
🔋 Lithium		0% Full 🔋
2024-12-18 12:06:00 PM		73°F
Arm Camera		
Test Motion Sensor		
View Pictures (979)		
View Videos (2)		
Erase SD Card		

The programming tabs are set up so that the most used items are on the first tab. Other camera settings that are not as frequently accessed are on the Settings or Advanced tabs.

NOTE: As with the date and time, you can move through and select any of the menu options by pressing the directional buttons to scroll and the **OK** button when the menu or option you want to select is displayed.

You can change your camera settings any time you like, either prior to using the camera or in the field. Likewise, you can switch memory cards as needed and check the remaining space on your memory card as well as your remaining battery power.

NOTE: The camera will remember the settings even when shut off, you do not need to reconfigure the camera unless you want to change its behavior.
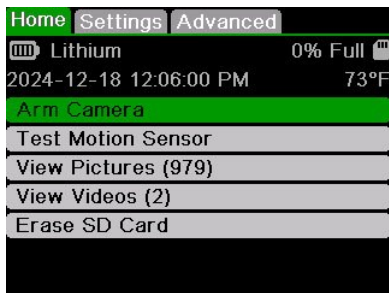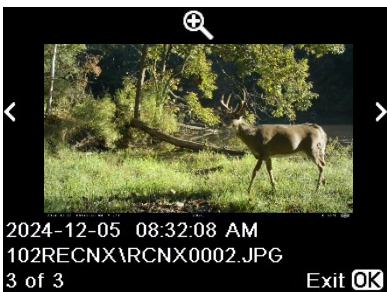
Arm Camera – When you select this option, your camera arms in ten seconds. You can cancel the arm sequence by pressing the "OK" button.

Test Motion Sensor – When you select this option, your camera flashes an indicator light so that you can test its aim by walking in front of it. This mode will show you exactly where the camera's active motion detection zones are located. The tilt of the camera is critical, as slight changes are magnified at greater distances from the camera.

TIP: If left in "Test Motion Sensor" mode, the camera will automatically arm itself after 2 minutes. This allows you to set the camera up, check its aim, and then just walk away.

View Pictures – When you select this option, the display will show a slide show function. The **LEFT** and **RIGHT** directional buttons will allow you to scroll through the images on the memory card. The **UP** directional button will engage a pan/zoom feature while the **DOWN** directional button will allow you to delete the image being viewed at that time. Pressing the **OK** button will allow you to exit from the slide show and return you to the Home page.
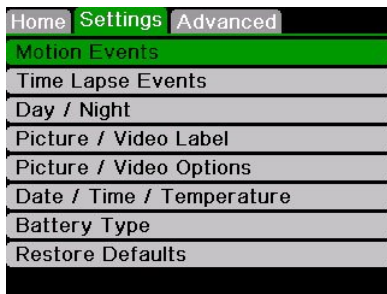
View Videos – When you select this option, the camera will enter into a slide show function to view thumbnails of the videos on the memory card. The **LEFT** and **RIGHT** directional buttons will allow you to scroll through the thumbnails. The **UP** directional button will play the video while the **DOWN** directional button will allow you to delete the video being viewed. Pressing the **OK** button will allow you to exit from the video slide show and return you to the Home page.

2024-12-11 04:54:40 PM
132RECNX\RCNX0019.MP4
179 of 179   Exit OK
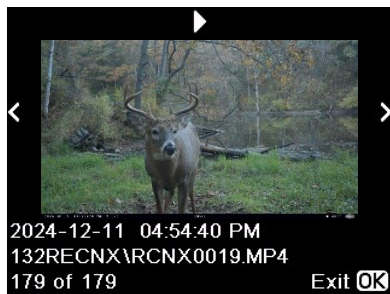
Erase SD Card – When you select this option, your camera wipes your entire memory card clean, removing all images and other information from the card. You should *not* select *Erase Card* unless you are certain you want to remove everything from the card.

Settings Tab

```
 Home  Settings  Advanced
 Motion Events
 Time Lapse Events
 Day / Night
 Picture / Video Label
 Picture / Video Options
 Date / Time / Temperature
 Battery Type
 Restore Defaults
```

Motion Events – All settings related to how your camera behaves when motion is detected are grouped under this menu item.

1) **Take Pictures – On**, off (**Num of Pics** - 1, 2, **3**, 4, 5, 6, 7, 8, 9, 10)

2) **Time Between Pictures – 1**, 2, 3, 4, 5, 6, 7, 8, 9, 10 seconds

3) **Take Videos –** on, **Off** (**Video Length –** 5s, **10s**, 15s, 30s)

4) **Pause After Motion** – **Off**, 5s, 10s, 15s, 30s, 1m, 2m, 3m, 5m

5) **Motion Sensitivity -** low, medium-low, medium, medium-high, **High**, very high

Time Lapse Events – All settings related to how your camera behaves related to time-based triggers are grouped under this menu item.

1) **Take Pictures –** on, **Off**

2) **Take Videos –** on, **Off** (**Video Length –** 5s, **10s**, 15s, 30s)

3) **Interval Between Events –** 1m, **5m**, 15m, 30m, 1h

4) **Schedule – 24 Hour,** Add Solar, Add Fixed
   Up to 2 start/stop periods can be defined. These can be assigned to different days of the week if desired (**S M T W T F S**).

If you want to schedule your camera's operations, there are two ways to define start and stop times for your camera. You can add Solar schedules and/or Fixed schedules.

Solar Adaptive Scheduling™

With Solar Adaptive Scheduling™ you can program your camera to start and stop taking timelapse photos at times relative to sunrise and sunset. If you are monitoring subjects whose behavior is tied more to the sun's rising and setting than it is the clock, this method of scheduling the camera makes a lot of sense. And the best part about it is that as the sunrise and sunset times change, your schedule adapts with the changing length of day.

When you add a Solar timelapse schedule, you must specify start and stop times in (number of minutes) (before or after) (sunrise or sunset). For example, you can specify that the camera will turn on 30 minutes before sunrise and turn off 90 minutes after sunrise. Or you can schedule your camera to run from an hour before sunrise, to an hour after sunset, etc.

When you add a Fixed schedule, you simply specify the start and stop times of each period you want the camera to be active.

You can define up to 2 windows of operation (schedules) to be used simultaneously. This can be a combination of fixed and solar schedules. These schedules can each be assigned to different days of the week. By default, they are on every day of the week (**S M T W T F S**).

***Note:** Solar Adaptive Schedules are closely tied to, and rely on, accurate Location information being entered into your camera.*

If you are a USA user and you do not set a specific latitude and longitude for your camera, the Solar Adaptive Schedules will use the center of your specified state or territory to determine approximate sunrise and sunset times. If you set a precise latitude and longitude for your camera, then your sunrise and sunset times will be accurate to within a couple of minutes, and they will adapt on a daily basis as the sunrise and sunset times change.

If you are an International user, you must enter your latitude and longitude for Solar Adaptive Schedules to work. International users must also Validate the

Sunrise Time on the day you set your location and/or change your cameras internal clock. This allows the camera to sync up with your local time when it determines sunrise and sunset.

If you are above 60 degrees North or below 60 degrees South, Solar Adaptive Schedules are not available, as length of day/night prohibits their effective use.

Day/Night – Select options relating to the camera's functionality with regard to taking photos/videos during daytime and nighttime periods.

1) **Take Pictures** – Day Only, Night Only, **Day and Night**
2) **Take Videos** - Day Only, Night Only, **Day and Night**

Picture / Video Label - Add a label (up to 50 characters) that will be included in the data band of all photos and videos taken by your camera. (***NOTE:*** *May be truncated if it will not fit in the photo.*) You can also view, change or clear an existing label.

Picture / Video Options

1) **Picture Resolution** – **4K**, 1080
2) **Video Resolution** – **4K**, 1080
3) **Flash Power** – **High**, Medium, Low, Off
4) **Night Mode** – **Optimized**, Fast Shutter *(Optimized is the best combination of shutter speed and flash range. Fast Shutter will reduce motion blur, and has reduced flash range)*

Date / Time / Temperature – Set the Date, Time, Time Format, Temperature Units, and Adjust for Daylight Savings.

If you are an international customer and you have set your location information, when you change date/time, you will be prompted to validate your sunrise time. This is so that the camera can support Solar Adaptive Scheduling.

Battery Type – Allows you to select what type of batteries you are using to accurately display the amount of power remaining.
***NOTE*:** The battery status shows the level for different types of batteries. If you change battery types, be sure to change the "Battery Type" setting.

Restore Defaults – (**NO**, Yes). If you choose Yes, your settings will be reset to defaults (shown above in **RED CAPITAL** letters). Defaults will not reset your date, time, battery type or location information.

Advanced Tab
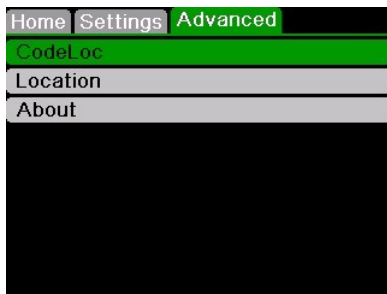
CodeLoc - Use CodeLoc™ to add a four-digit security code to your camera to prevent unauthorized use of your camera in the event of tampering or theft. You can also change or remove an existing code.

TIP: Write your four-digit CodeLoc™ code on the last page of this manual.

Location – **USA** or Other.

Users in the USA will be prompted for State/Territory, Time Zone (if your state crosses time zones), and whether you want the camera to Auto Adjust for Daylight Savings time. USA users will also be able to refine their location information to a specific Latitude/Longitude. This makes for more accurate Solar Adaptive Scheduling and allows the user the option of Geo-tagging their images with the specific Latitude and Longitude of the camera. By default, Geo-tagging is turned off.

International users will be prompted for Latitude/Longitude, they will be asked whether they want to Geo-tag images, and they will be asked to validate Sunrise time for the current date. This information is required to enable Solar Adaptive Scheduling to function properly.

About – Displays the serial number and firmware versions of the camera.

Mounting Your Camera

Your RECONYX® HyperFire 4K™ camera can be mounted using many different types of accessories by using the ¼ x 20 threaded inserts on the bottom or back of the camera housing.

The camera can also be mounted to a tree by using the adjustable webbing strap. You can secure the camera to a tree and lock it shut at the same time with an optional Python™ cable lock by Masterlock®. Simply thread the cable through the "Lock Tunnel" on the camera and then cinch in place around the tree or post.

We recommend that you mount your camera at the approximate height of your target animal, and then aim the camera straight out for the best chance of sensing motion in the active detection zone.

NOTE: It is highly recommended that you use a theft deterrent device such as a security box and/or a Python Lock™ by Masterlock® to help secure your camera against possible theft when it is in the field.

NOTE: You can purchase HyperFire 4K™ compatible mounts, theft deterrent cable locks and security enclosures at www.reconyx.com .

Aiming Your Camera

PIR Motion Detector

The Passive Infrared Motion Detector on your HyperFire 4K™ camera is aligned with the camera lens to give you the best chance of capturing subjects that come into the field of view of the camera, while not triggering on subjects outside the view of the camera.

The motion detector can detect movement up to 100 feet (30 m) away. However, the detection range is dependent on the size and temperature of the subject (relative to ambient temp) as well as the speed at which the subject is moving.

The HyperFire 4K™ Motion Detector consists of two horizontal detection zones (shown in red). Camera aim is critical to maximize detection range.

2024-09-16 02:36:16 PM M 1/3   ● 69°F
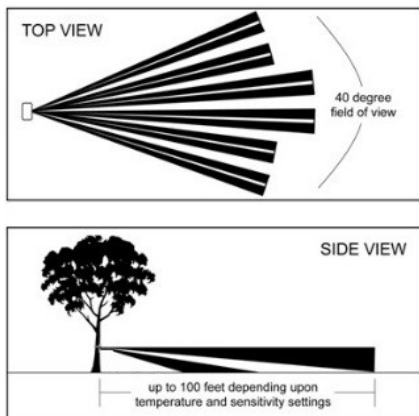
For the camera to trigger two things need to happen:

1) An object with a temperature different from the background temperature must be present within the field of view of the motion detector (shown in red) (i.e. something warmer or colder than the ambient temperature).

2) That object (with a temperature differential) must move horizontally within one of the active zones approximately 1/8 of the way across the field of view of the camera.

Using the "Test Motion Sensor" Mode

Learning to use the Test Motion Sensor mode is critical to being as successful as possible with your RECONYX® camera. The Test Motion Sensor mode allows you to precisely determine your camera's active motion detection zone. This ensures that your camera is aimed at exactly where you want to capture animal activity.

1) Secure the camera to a tree or other object, aiming the camera toward where you want it to capture pictures.

2) Put camera in "Test Motion Sensor" mode and close the camera.

3) Walk in front of the camera where you expect to capture pictures. Every time the red Test Motion Sensor light blinks it indicates that a motion event has taken place. If the Test Motion Sensor light does not blink where you expect it to, adjust the aim or location of the camera.

4) If possible, set up the camera so that no large trees or objects are in the main field of view of the camera, as they can adversely affect motion detection as well as nighttime flash range.

PIR MOTION DETECTOR COVERAGE AREA

TOP VIEW

40 degree field of view

SIDE VIEW

up to 100 feet depending upon temperature and sensitivity settings

NOTE: All RECONYX® HyperFire 4K™ cameras will self-arm from the "Test Motion Sensor" mode after two-minutes.

> *TIP: Be sure to use the "Test Motion Sensor" mode to be sure the camera is aimed correctly.*

Image Data Information

Your RECONYX® HyperFire 4K™ camera stores Image Data along with every picture it takes. Some of this information is displayed in Image Data Band below the image.

2024-11-26 02:26:12 PM M 2/3   SOUTH FIELD EDGE   29°F

- The **Date** and **Time** are displayed on the left

- An "**M"** or "**T"** in the data band indicates a "motion" or "time-lapse" event.

- "**1/3**" indicates the first in a sequence of three pictures for that event.

- The **User Label** is in the center of the data band.

- An "**Illumination**" 🔆 indicator appears in the Image Data bands, when the infrared illuminator is used.

- **Moon Phases** displayed include: 🌑 (new moon), 🌒 (waxing crescent), 🌓 (first quarter), 🌔 (waxing gibbous), 🌕 (full moon), 🌖 (waning gibbous), 🌗 (last quarter), and 🌘 (waning crescent).

- Current **Temperature** is shown in Fahrenheit or Celsius.

Troubleshooting

For answers to questions about your RECONYX® HyperFire 4K™ camera that you cannot find in this User Manual, please email support@reconyx.com or call our support line at 1-608-781-6064.

Firmware Updates

You should also periodically check the RECONYX® website for firmware updates for your camera. We periodically release firmware updates with new features and/or performance enhancements. Updating firmware takes just a few minutes and is well worth the effort to ensure your camera is performing at the highest level possible.

Limited Nighttime Range

If your nighttime range is less than expected, check if you are using only recommended battery types and that they are new or fully charged.

The physical camera setup is also important in getting good nighttime images. If you aim the camera out over an open field where there is nothing within range to reflect the Infrared energy back toward the camera, the images will appear very dark (like shining a flashlight into outer space). The best nighttime images will be captured when you have a backdrop of some sort that will reflect energy back toward the camera (e.g. trees, tall grass, fence, building, hillside, etc).

The other issue you may encounter with setup is if you have an object near the camera that reflects a lot of IR energy back to the camera. The camera will adjust its exposure to not overexpose this close object. This can result in what appears to be limited range. The solution to this setup problem is to either move the camera or remove the close object from the field of view of the camera.

Focus Problems

If your images appear cloudy or out of focus, first consider whether there was snow or frost on the camera windows. You may wish to check your camera after a fresh snowfall to be sure the windows are not covered with snow. Next, check the windows for dirt and water spots, and gently clean them with a clean soft cloth and glass cleaner or water. Image clarity can also be adversely affected by very high temperatures, so it is a good idea to mount your camera where it will not be getting direct sunlight during the heat of the day.

False Triggers

If you seem to be getting false triggers (i.e. the camera is taking pictures of nothing); first put your camera back to the default settings and try your camera again. This will ensure that you are running with known settings – with the motion detector ON at HIGH sensitivity and with Time-Lapse OFF.

If after going back to the default settings, you still seem to be getting false triggers, check the physical setup of your camera. The sun should not be shining directly on the face of the camera and the camera's field of view should be cleared of as much vegetation as possible. False triggers most often occur on sunny, breezy days. Vegetation will soak up the sun's energy and it will become warmer than the ambient air temperature. Then, when the wind moves the vegetation and warm air around, the camera sees this and cannot distinguish it from a warm-blooded animal moving in the scene. For this reason, careful placement and setup of your camera helps prevent false triggers.

Only as a last resort should you turn down your camera's motion sensitivity. This reduces your ability to detect the movement of warm-blooded animals, especially during the summer.

Camera Not Triggering on Animals

First, put the camera back to Default settings. This will ensure that you are running with known settings – it will set the motion detector ON at HIGH sensitivity. This is important, especially in the warmer months, because as the background temperature approaches the temperature of the animals, the strength of the signal decreases and the range goes down accordingly.

If you are still having trouble, please refer to the *"Mounting and Aiming Your Camera"* section, as well as using the Test Motion Sensor mode. Most animals are not 6 feet (2 meters) tall, so when you use the Test Motion Sensor mode, don't just walk by the camera in a full upright stance. The camera may trigger on your upper torso or head and not on your legs (where most animals are likely to be).

Keep in mind that there are other factors that can affect the camera's ability to detect motion. Body heat from an animal can quickly disperse away from the animal on a breezy day, making it difficult for the camera to detect motion. Also, movement directly toward or away from the camera is less likely to trigger the camera than side-to-side movement. If an animal is moving very slowly, sometimes it will not produce a strong enough signal to trigger the camera.

Memory Card Problems

If your camera won't start up properly or displays a "card error, write lock", first check to be sure your card is not "Locked". On most SD cards there is a switch on the side of the card. If the card is locked, you will not be able to save any photos. If the card is not locked, but this message persists, you can attempt to clean the contacts in the card holder by blowing canned air into the card slot. This will often resolve the issue.

If you have other issues, you may have to try a different brand of memory card. We have found that some inexpensive memory cards are very slow and do not always run well (even if they are advertised as fast). RECONYX® certified memory cards are available at www.reconyx.com

Cold Weather Problems

If your camera shuts down in the cold, it may be too cold for the batteries. Refer to "Battery Specifications" for recommended battery types.
Extreme cold weather does have an adverse effect on the display. This does not inhibit the camera's ability to function, it just makes it hard to read the display.

Battery Life Less than Expected

NiMH batteries have decreased life in hot weather. They will run the camera, but they will have decreased run time. It is not unusual to see battery life drop off 50% or more when daytime temperatures are near 90˚ Fahrenheit or higher. This will not damage your NiMH batteries; their charge just runs down faster.
If you notice that nighttime illumination decreases over time, you should change your batteries sooner or switch to Lithium batteries.

Other Questions?
Please contact our Technical Support Department at 1-608-781-6064 or e-mail at support@reconyx.com.

Warranty, FCC, CE, IC, RoHS and Safety Information

RECONYX® 5 Year Limited Warranty

RECONYX® warrants this product to be free of manufacturers' defects in materials and workmanship for a period of 5 years from the date of original purchase. If during this period, through normal use, the product fails due to defects in materials or workmanship, RECONYX® will either repair or replace the product at our sole discretion. This warranty is void if a product failure results from "acts of God", leaking batteries, accident, abuse, improper use, disassembly, or unauthorized maintenance and repair.

To qualify for your 5-year warranty, you must register your camera on our web site within 90 days of purchase. Go to www.reconyx.com/warranty to register your camera(s).

NOTE: **There is a warranty seal on your camera; if this seal is broken or tampered with, the warranty is void.**

Repair or Replacement

Buyer must obtain a Return Authorization (RA) number from RECONYX® before returning any product(s) for repair or replacement. If RECONYX® concludes that a returned product is not defective, Buyer will be notified, the product will be returned to Buyer at Buyer's expense, and Buyer may be charged for examination and testing of the product.

This limited warranty is the sole warranty for hardware and software products offered by RECONYX® and RECONYX® shall not be liable for any amounts for said products except in compliance with this warranty.

FCC, IC, CE Certification

This device complies with FCC, IC, and CE requirements. Under part 15 of the FCC Rules, the operation is subject to the following 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. This device has also been tested and found to comply with the emissions requirements of IEC 61000-6-3 and the immunity requirements of IEC 61000-6-1 and has been found to comply with the radiated interference requirements of Section 6.2 of the Industry Canada ICES-003 for Class B Information Technology Equipment (ITE).

RoHS Compliance

The European Union Directive 2011/65/EU Restriction of Hazardous Substances (RoHS) legislation restricts the use of certain substances in electrical and electronic equipment. Reconyx Inc. expends considerable effort in verifying material compliance to RoHS and certifies that the processes and materials used to manufacture assemblies are compliant.

Safety Precautions

Before using the camera, please ensure that you read and understand the following safety precautions. Always ensure that the camera is operated correctly.

The safety precautions noted in this guide are intended to instruct you in the safe and correct operation of the camera and its accessories to prevent injuries or damage to yourself, other people and equipment.

Preventing Malfunction

Avoid Strong Magnetic Fields

Never place the camera near electric motors or other equipment generating strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunctions or corrupt image data.

Avoid Condensation

Moving the camera rapidly between hot and cold temperatures may cause condensation (water droplets) to form on its external and internal surfaces. You can avoid this by placing the camera in an airtight, plastic bag and letting it adjust to temperature changes slowly before removing it from the bag.

If Condensation Forms Inside the Camera

Stop using the camera immediately if you detect condensation inside the camera. Continued use may damage the camera. Remove the memory card and batteries from the camera, open the camera in a warm dry environment, and wait until the moisture evaporates completely before resuming use.

Warnings

- Store this equipment out of the reach of children and infants.
- Do not allow water or other liquids to enter the interior of the camera. The interior has not been waterproofed. If the exterior comes into contact with liquids or salt air, wipe it dry with a soft, absorbent cloth. If water or other foreign substances enter the interior, immediately turn the camera's power off and remove the camera batteries.
- Use of power sources not expressly recommended for this equipment may lead to overheating, fire, electrical shock or other hazards.
- Avoid using, placing or storing the equipment in places subject to strong sunlight or high temperatures, such as the dashboard or trunk (boot) of a car. Exposure to intense sunlight and heat may cause the batteries to leak, overheat or explode, resulting in fire, burns or other injuries. High temperatures may also cause deformation of the casing.
- **Be sure to check your state/local laws concerning the use of this product.**

Your Information and Camera Warranty Registration

Record Your Information

After you have familiarized yourself with this instruction manual, your camera, and software, you should record some basic information here so that you don't lose it. It is also a good idea to keep your purchase receipt in case you need warranty work done on your camera.

Date Purchased:	
Place of Purchase:	
Camera Model & Serial #:	
CodeLoc™ Password:	
www.reconyx.com Login Info:	

Register your Camera

Your new HyperFire 4K™ camera is covered by a 5-year warranty. For the warranty to take effect, you must register your camera online within 90 days of purchase at **www.reconyx.com/warranty**

Copyright & Trademark Information

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