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## TKENPRO RBX-H10

# TKENPRO RBX-H10 Cellular Trail Camera User Manual

Model: RBX-H10

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your TKENPRO RBX-H10 Cellular Trail Camera. Designed for outdoor surveillance and wildlife monitoring, this camera features 2K live video feed, 4G cellular connectivity, solar power, night vision, and motion activation. Please read this manual thoroughly to ensure proper use and optimal performance of your device.



Image 1.1: The TKENPRO RBX-H10 Cellular Trail Camera with its solar panel, shown alongside a smartphone displaying the live feed interface.

## 2. PRODUCT FEATURES

- **2K Live Feed & Remote Access:** Capture high-quality 2K video and access live footage remotely via the Ucon App on your smartphone.
- **4G Cellular Connectivity:** Equipped with a built-in SIM card for reliable 4G network connection (Verizon, T-Mobile, AT&T supported).

- **Unlimited Data Plan:** Offers flexible data plan subscriptions for continuous operation.
- **940nm Low-Glow Night Vision:** Provides clear images in low-light conditions without a visible glow, minimizing disturbance to wildlife.
- **Solar Power & IP66 Waterproof:** Features a 4W solar panel and 7800mAh rechargeable battery for dual power, and an IP66 rating for weather resistance.
- **0.2s Trigger Time & PIR Motion Alerts:** Rapidly detects movement with a PIR sensor, triggering recording within 0.2 seconds and sending real-time alerts to your app.
- **Two-Way Communication:** Utilize the communication system to interact with the monitored area.

### 3. PACKAGE CONTENTS

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Verify that all items listed below are included in your package. If any components are missing or damaged, please contact customer support.

- TKENPRO RBX-H10 Cellular Trail Camera
- Solar Panel (4W)
- Mounting Strap
- Wall Mount Brackets (2)
- USB Charging Cable
- Screws and Wall Anchors
- Instruction Manual
- Tweezers (for SIM card handling, if applicable)



Image 3.1: Contents of the TKENPRO RBX-H10 package, including the camera, solar panel, mounting hardware, and manual.

## 4. SETUP GUIDE

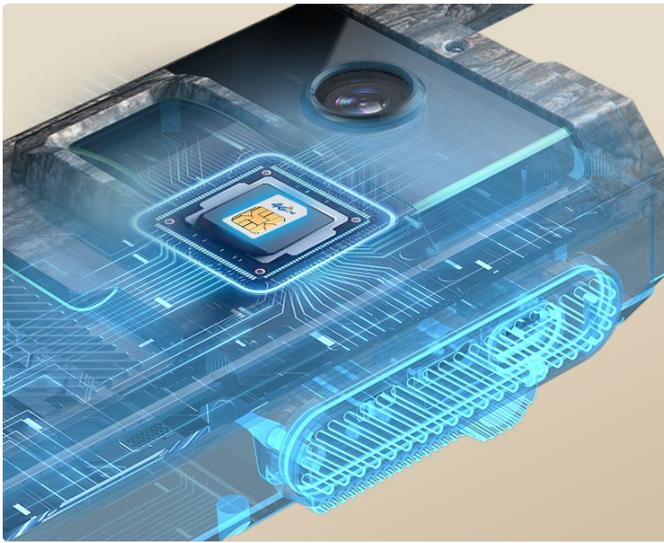
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### 4.1. Initial Charging

Before first use, fully charge the camera's internal 7800mAh battery using the provided USB cable. Connect the cable to the camera's DC 5V port and a standard USB power adapter (not included).

### 4.2. SIM Card Activation & Data Plan

The camera includes a built-in 4G SIM card. This SIM card is not detachable and is essential for cellular connectivity. It supports Verizon, T-Mobile, and AT&T networks in the U.S., Canada, and Mexico. Upon connecting to a 4G network, a complimentary 300 MB trial valid for 7 days will activate. To continue service, you must subscribe to a data plan via the Ucon App. Each camera requires a separate data plan subscription.



## Built in SIM Card

This SIM card can effectively identify the strength of signals from various communication providers, in order to allocate better network configurations.

※Only the SIM card that comes with the camera can be used

Image 4.2.1: Illustration of the camera's built-in SIM card, which automatically connects to the strongest available signal.

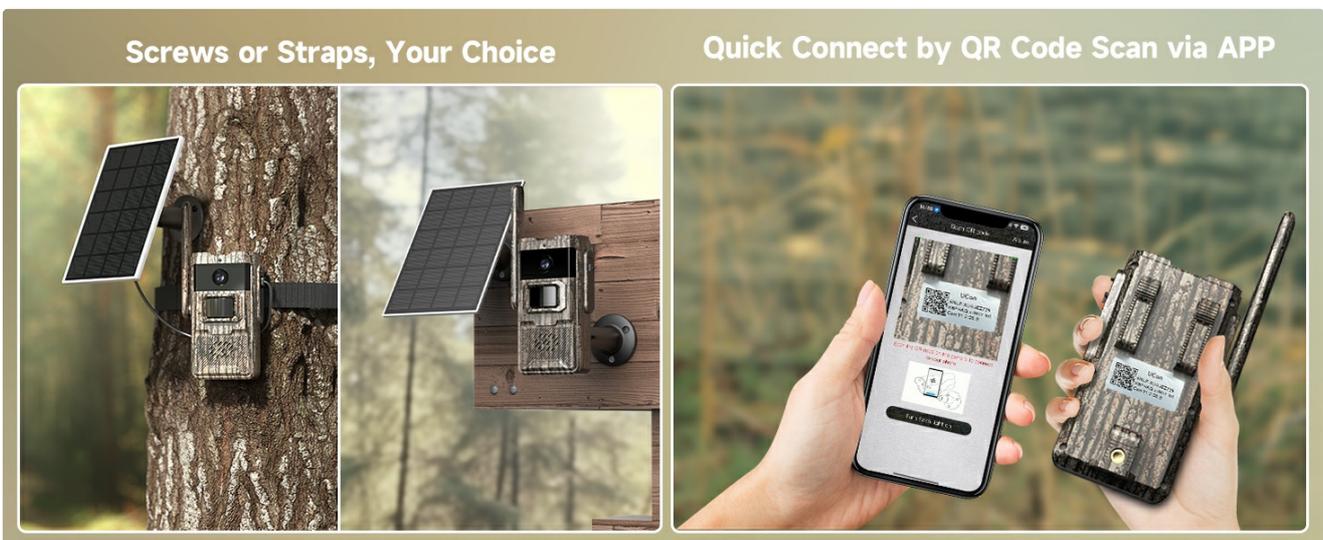


Image 4.2.2: Overview of available unlimited data plan subscriptions for the built-in SIM card.

## 4.3. App Installation

Download the 'Ucon' app from your smartphone's app store (iOS or Android). Follow the on-screen instructions to create an account and log in.

## 4.4. Camera Pairing

1. Power on the camera.
2. Open the Ucon app and select 'Add Device'.
3. Scan the QR code located on the camera or in the manual to pair the device with your app.
4. Follow any additional prompts within the app to complete the connection.

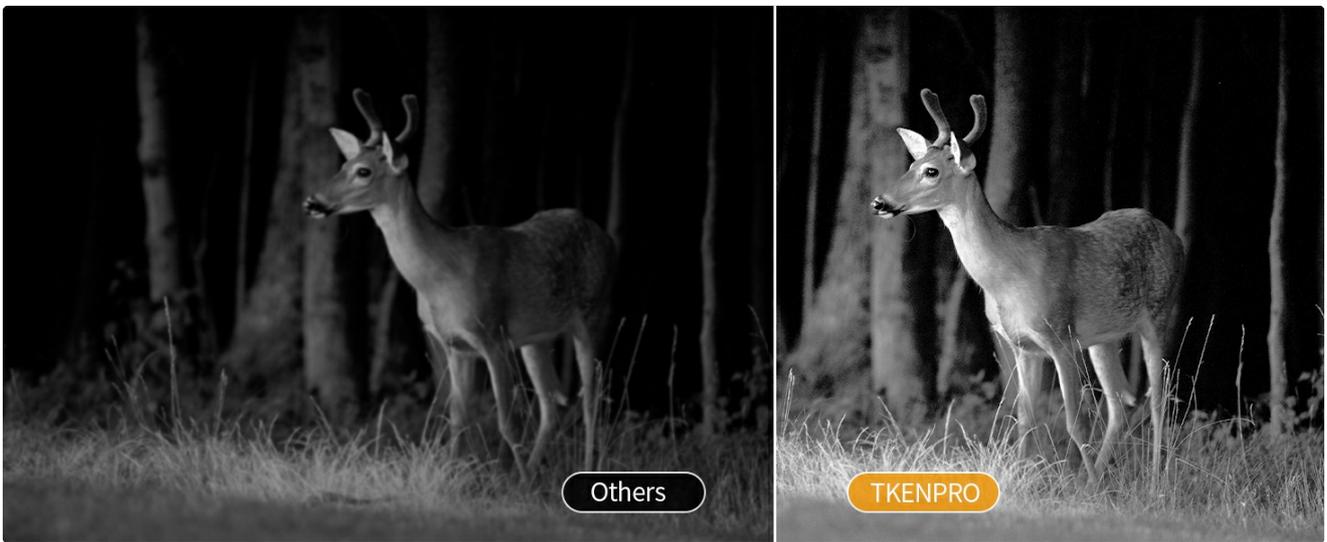


Image 4.4.1: Visual guide for mounting the camera using straps or screws, and connecting it to the app via QR code scan.

## 4.5. Mounting the Camera

The camera can be mounted using the provided strap or wall mount brackets. Choose a location that offers a clear view of the desired monitoring area and receives adequate sunlight for the solar panel.

- **Strap Mounting:** Secure the camera to a tree or pole using the adjustable strap.
- **Wall Mounting:** Use the provided screws and anchors to attach the brackets to a flat surface, then secure the camera.

# 4G Cellular Network

Supports **Verizon**, **T-Mobile** and **AT&T** and 4G/LTE networks.



Image 4.5.1: The camera and solar panel mounted on a tree, demonstrating outdoor placement.

# Install once, Using Life Forever

Get non-stop power with 7800mAh+4W solar panel.



Image 4.5.2: Close-up of the camera and solar panel setup, emphasizing the dual power system.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Power On/Off

Locate the power switch on the camera. Slide it to the 'ON' position to power on the device. To power off, slide the switch to 'OFF'.

### 5.2. Accessing Live View

Open the Ucon app on your smartphone. Select your paired camera from the device list. You can then access the 2K live video feed to monitor the area in real-time.



Image 5.2.1: A smartphone screen showing the 2K live video feed from the camera.

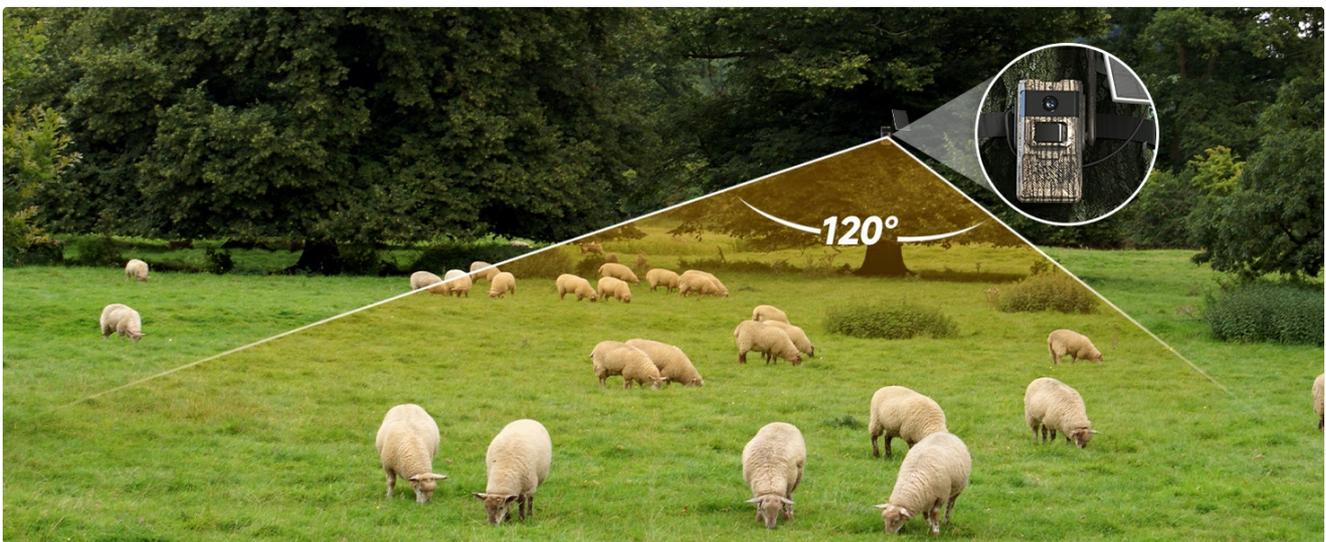


Image 5.2.2: Demonstrates remote access to the live feed, allowing users to monitor from a distance.

### 5.3. Motion Detection and Alerts

The camera's PIR sensor detects movement within a 120-degree range, triggering recording within 0.2 seconds. When motion is detected, the Ucon app will send real-time notifications to your smartphone.

# Capture Meaningful Moment

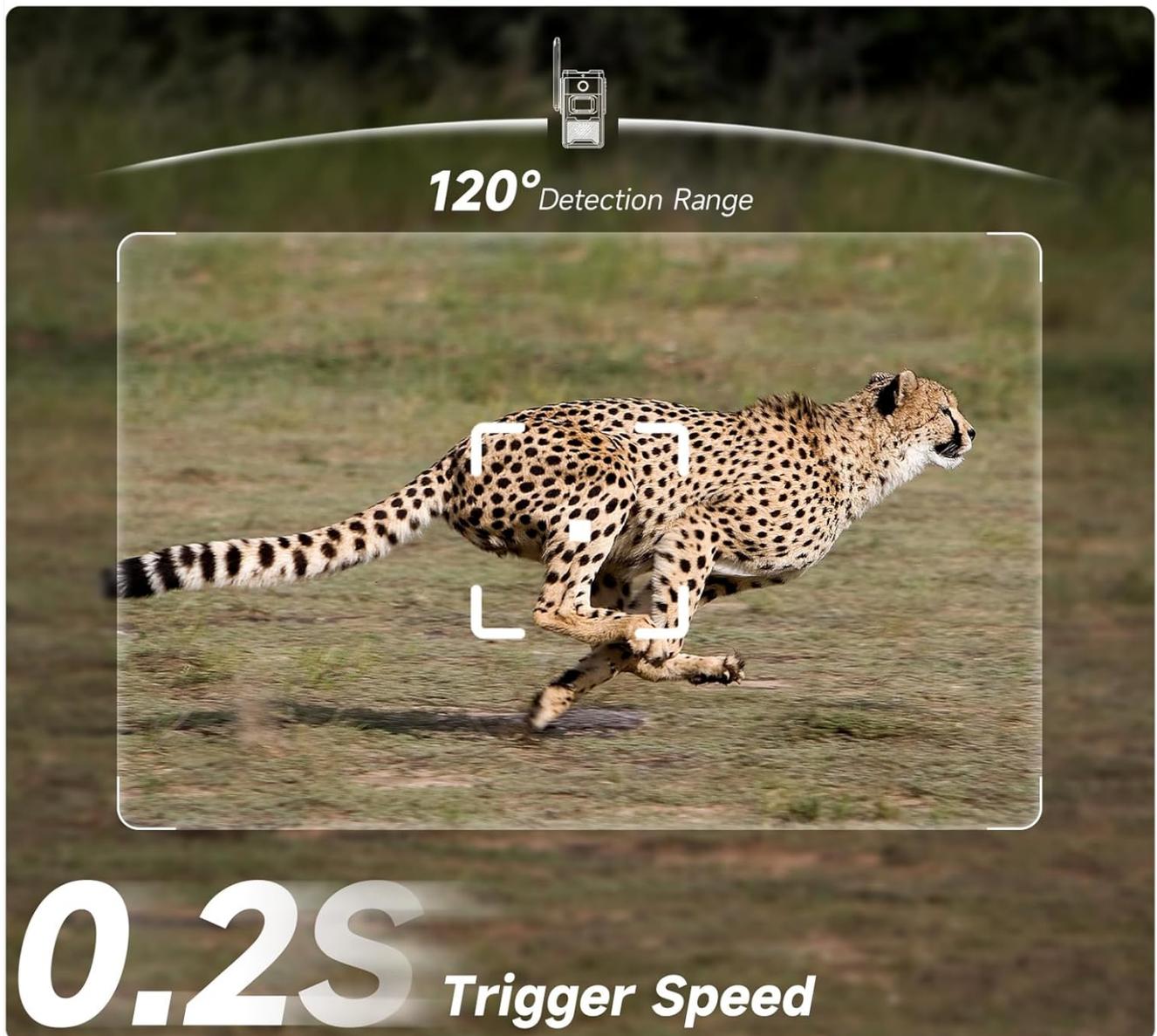


Image 5.3.1: Illustrates the camera's rapid 0.2-second trigger speed and 120-degree detection range.



Image 5.3.2: Visual representation of the camera's broad 120-degree detection field.

# Real-Time Notifications

PIR Motion detects moving animals and will pop up an APP message.



Image 5.3.3: Example of real-time activity notifications received on a smartphone.

## 5.4. Night Vision

The 940nm low-glow infrared LEDs enable the camera to capture clear images and videos in complete darkness without emitting a visible red light. This ensures discreet monitoring and prevents startling wildlife.

# 2K HD Resolution

Get crystal-clear video and photos both day and night  
Capture more details with crystal-clear video

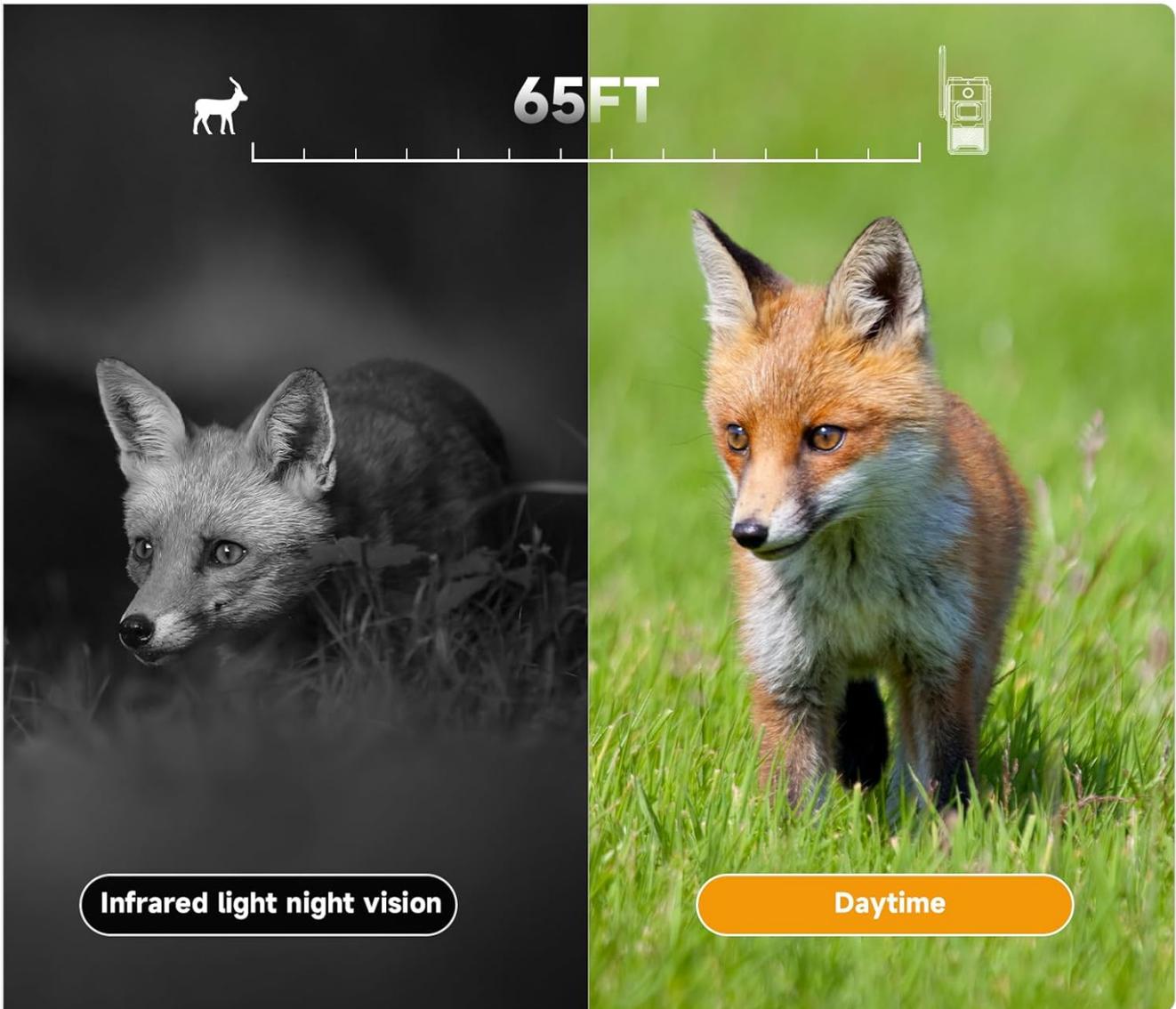


Image 5.4.1: Comparison of daytime color capture and infrared night vision capture.

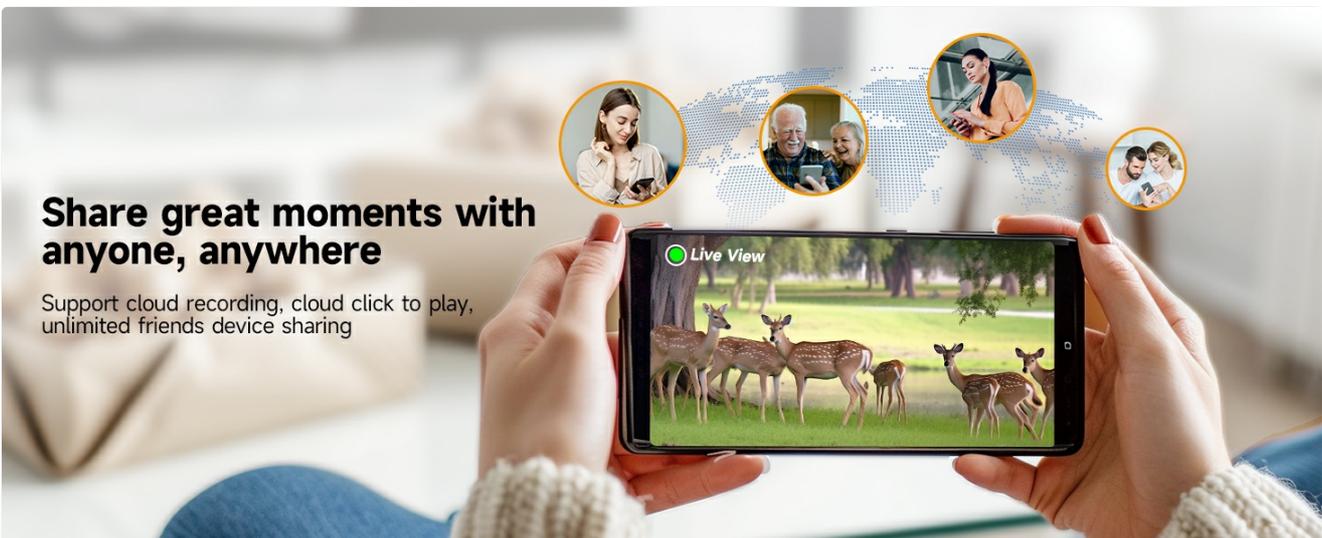


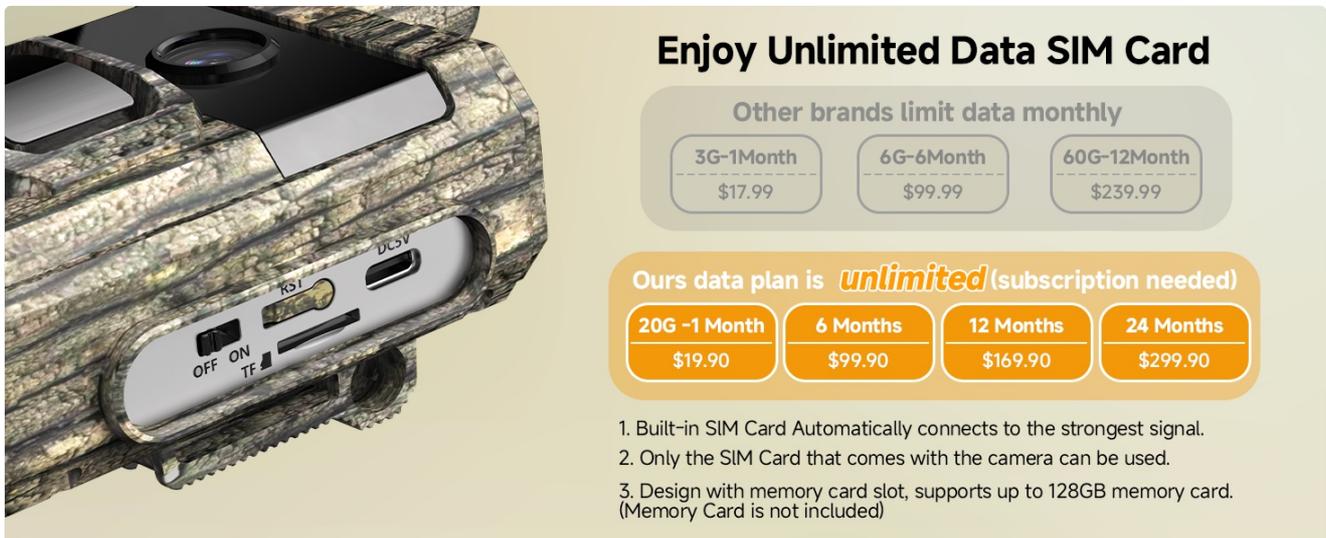
Image 5.4.2: Demonstrates the enhanced clarity of TKENPRO's night vision compared to other systems.

## 5.5. Two-Way Communication

Utilize the app's communication feature to speak through the camera. This can be used to deter unwanted visitors or animals from the monitored area.

## 5.6. Sharing Access

The Ucon app allows you to share access to your camera's live feed and recordings with family or friends, enabling multiple users to monitor the same location.



**Enjoy Unlimited Data SIM Card**

Other brands limit data monthly

3G-1Month \$17.99	6G-6Month \$99.99	60G-12Month \$239.99
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Ours data plan is **unlimited** (subscription needed)

20G -1 Month \$19.90	6 Months \$99.90	12 Months \$169.90	24 Months \$299.90
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1. Built-in SIM Card Automatically connects to the strongest signal.
2. Only the SIM Card that comes with the camera can be used.
3. Design with memory card slot, supports up to 128GB memory card. (Memory Card is not included)

Image 5.6.1: Illustration of the camera's sharing capabilities, allowing multiple users to view the feed.

## 6. MAINTENANCE

### 6.1. Cleaning

- **Camera Lens:** Gently wipe the lens with a soft, lint-free cloth to remove dust or smudges. Avoid abrasive materials.
- **Solar Panel:** Periodically clean the solar panel surface to ensure maximum sunlight absorption and charging efficiency.
- **Camera Body:** Wipe the camera body with a damp cloth as needed. Ensure all ports are securely sealed after cleaning.

### 6.2. Battery Management

The camera's 7800mAh rechargeable battery is continuously charged by the 4W solar panel. In areas with limited sunlight, monitor the battery level via the Ucon app and recharge manually if necessary using the USB cable.

### 6.3. Storage

The camera supports a memory card (up to 128GB, not included) for local storage of recordings. Regularly check the storage status via the app and manage files as needed to prevent storage full issues.

## 7. TROUBLESHOOTING

- **No Power:** Ensure the camera is switched 'ON'. Check battery level in the app. Verify the solar panel is clean and receiving direct sunlight. If manually charging, ensure the USB cable and adapter are functioning.
- **No Cellular Signal/Connectivity:** Confirm the camera is in an area with 4G coverage (Verizon, T-Mobile, AT&T). Check your data plan subscription status in the Ucon app. The built-in SIM card is not removable; ensure it is properly activated.
- **Poor Image/Video Quality:** Clean the camera lens. Ensure there are no obstructions in front of the lens. Check camera settings in the app for resolution and night vision modes.

- **Motion Detection Not Working:** Adjust the PIR sensitivity settings in the Ucon app. Ensure the camera is positioned correctly to cover the desired area and that there are no objects (e.g., swaying branches) causing false triggers.
- **App Connection Issues:** Ensure your smartphone has a stable internet connection. Restart the Ucon app or reinstall it if problems persist. Ensure the camera's firmware is up to date (check app for updates).
- **Weather Resistance:** The camera has an IP66 waterproof rating, suitable for various weather conditions. However, avoid submerging the camera in water.

## IP66 Weather Resistant for Outdoor Use

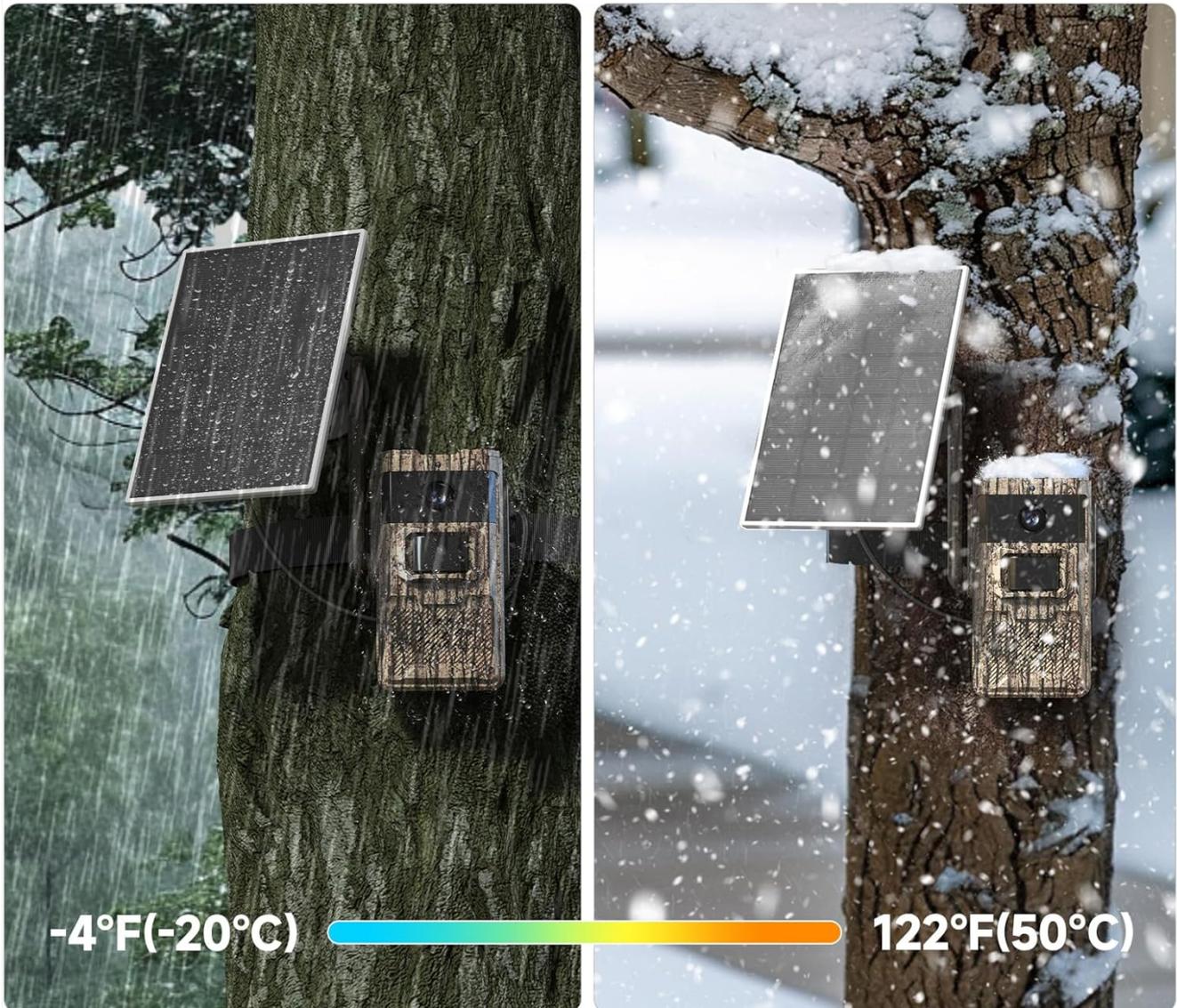


Image 7.1: The camera's IP66 weather resistance in rain and snow conditions.

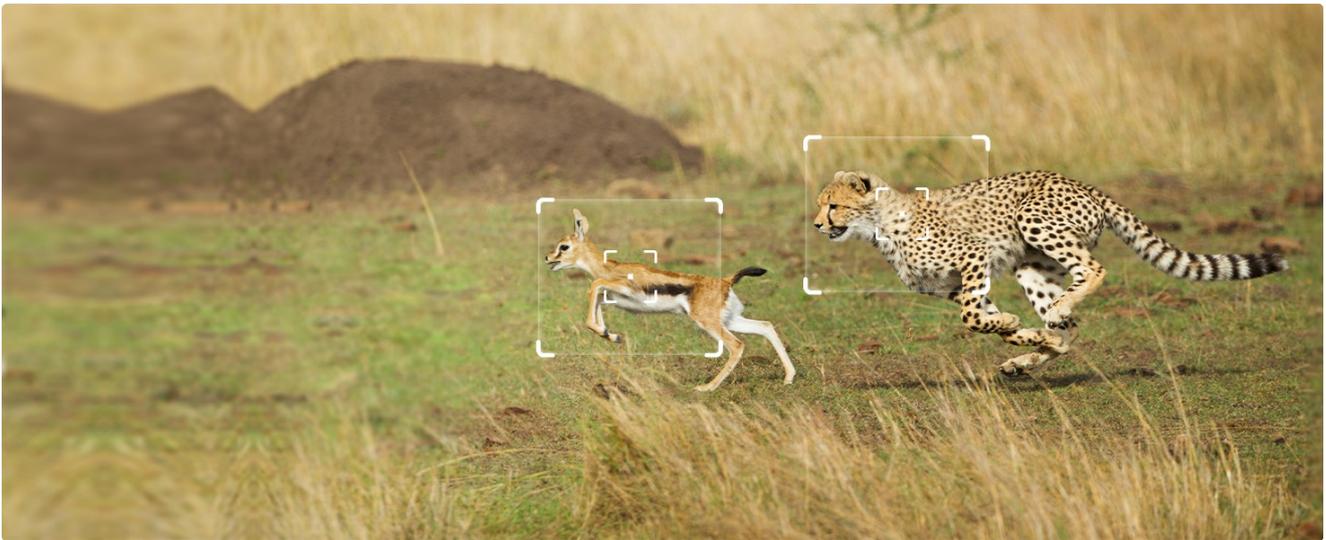


Image 7.2: The camera operating effectively during rainfall, showcasing its waterproof design.

## 8. SPECIFICATIONS

<b>Model Number</b>	RBX-H10
<b>Brand</b>	TKENPRO
<b>Video Capture Resolution</b>	2K
<b>Connectivity Technology</b>	4G LTE Cellular
<b>Power Source</b>	Solar Powered (4W Solar Panel)
<b>Battery</b>	7800mAh Rechargeable
<b>Indoor/Outdoor Usage</b>	Outdoor
<b>Waterproof Rating</b>	IP66
<b>Trigger Time</b>	0.2 seconds
<b>Night Vision</b>	940nm Low-Glow Infrared
<b>Compatible Devices</b>	Smartphone (Ucon App)
<b>Mounting Type</b>	Wall Mount, Strap Mount
<b>Product Dimensions</b>	1 x 1 x 1 inches
<b>Item Weight</b>	1.79 pounds

## 9. WARRANTY AND SUPPORT

TKENPRO products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or contact TKENPRO customer support. If you encounter any issues or have questions regarding your RBX-H10 Cellular Trail Camera, please reach out to our support team for assistance. Contact details can typically be found on our official website or within the Ucon app.

