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Loatos UB9

Loatos 48MP 2K Live Cellular Trail Camera UB9 User Manual

Model: UB9

1. Introduction

The Loatos 48MP 2K Live Cellular Trail Camera (Model UB9) is designed for advanced outdoor monitoring, wildlife observation, and security applications. Featuring a 48MP image sensor and 2K live video capabilities, it captures high-resolution photos and real-time footage. With built-in 4G LTE connectivity and a solar power system, this camera offers reliable, continuous operation in remote areas without the need for Wi-Fi. Its robust, waterproof design ensures performance in various environmental conditions.

2. Product Overview

The Loatos UB9 Trail Camera combines high-performance imaging with cellular connectivity for remote access and monitoring. Key features include:

- **48MP Photos & 2K Live Video:** Capture crystal-clear 48-megapixel still images and smooth 2K live video, with real-time HD live broadcast via the mobile app.
- **0.1s Ultra-Fast Trigger Speed:** Ensures rapid capture of motion, minimizing missed events.
- **120° Wide-Angle Lens:** Provides expansive coverage for broader monitoring areas.
- **940nm Infrared Night Vision:** Offers clear monochrome night vision without startling animals, suitable for 24/7 covert observation.
- **4G LTE Cellular Connectivity:** Built-in SIM card automatically connects to the strongest signals (Verizon, T-Mobile, AT&T) for seamless remote access without Wi-Fi. Includes a 7-day unlimited data trial for new users.
- **Solar Powered with 7800 mAh Battery:** Integrated 3W high-efficiency solar panel and 7800 mAh battery provide up to 365 days of non-stop energy supply.
- **IP66 Waterproof & Dustproof:** Sealed housing protects against rain, blizzards, dust storms, and extreme temperatures (-4 °F to 122 °F).
- **Dual Storage Options:** Supports 30-day trial cloud storage (for new users) and local storage via a memory card (up to 128GB, not included).
- **Real-Time Alerts & Temperature Sensor:** Receive instant push notifications upon motion detection and live temperature data via the mobile app.
- **Multi-User Sharing:** Up to four devices can simultaneously access live streams and captured content through the app.

3. What's in the Box

Verify that all components are present upon unboxing:

- Loatos 48MP 2K Live Cellular Trail Camera (Model UB9)
- 3W High-Efficiency Solar Panel
- Mounting Bracket for Solar Panel
- Mounting Strap
- USB Charging Cable
- Instruction Manual
- Positioning Stickers (x2)
- Screws and Wall Anchors for Mounting



Image: All components included in the Loatos UB9 Trail Camera package.

4. Setup

4.1 Charging the Camera

Before initial use, fully charge the camera by plugging it into a power source using the provided USB cable. Charging typically takes 10-13 hours. The LED indicator light will be red during charging and turn blue when fully charged.

4.2 Installing the SIM Card and Memory Card

The camera comes with a pre-installed SIM card. Insert a Micro SD card (8GB-128GB, Class 10 or higher, not included) into the designated slot. Ensure the waterproof cover is securely closed after installation.

4.3 Mounting the Camera and Solar Panel

The camera and solar panel can be mounted using the provided strap or wall mounts. For optimal solar charging efficiency, place the solar panel horizontally and tilt it towards the south (for US users, 30-40° tilt; for EU users, 40-50° tilt). Ensure the solar panel receives direct sunlight and is not obstructed by leaves, debris, snow, or other objects.



Image: Loatos UB9 Trail Camera and solar panel securely mounted on a tree, demonstrating outdoor installation.

4.4 App Download and Account Registration

Download the 'UCon' app from the Google Play Store or Apple App Store. Register an account using your email address and set a secure password. Allow the app to access mobile data, phone location, and push notifications for full functionality.

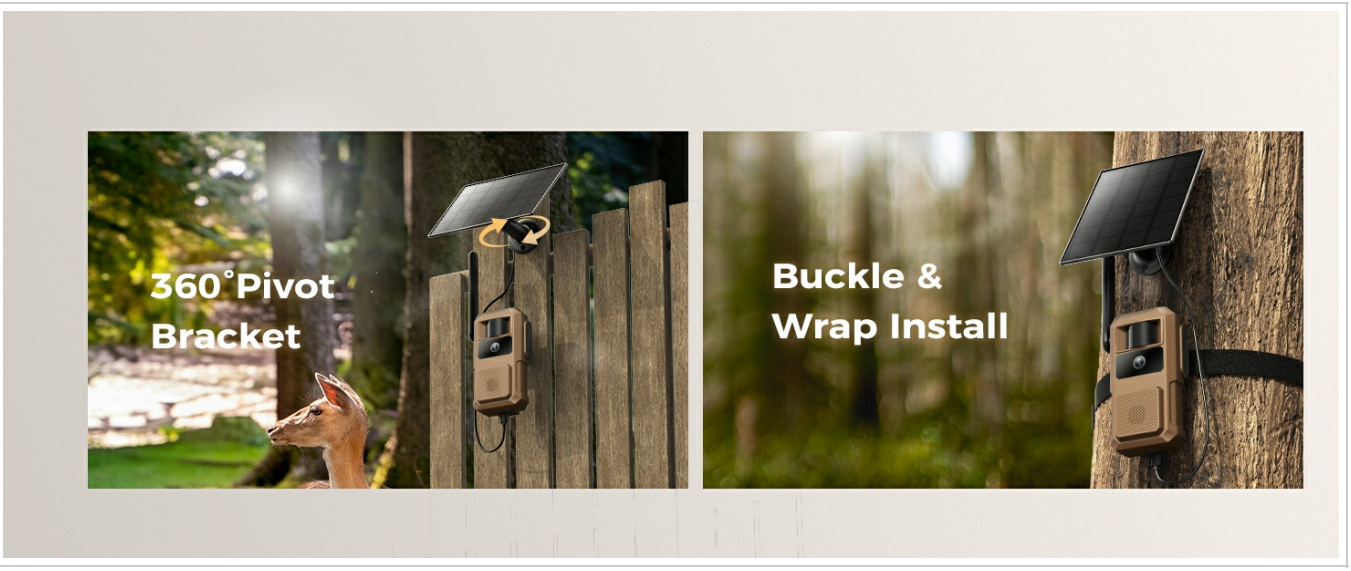

Image: Step-by-step guide for connecting the camera to the UCon mobile application.

5. Operating Instructions

5.1 Powering On and Connecting

Turn on the camera using the ON/OFF switch. Wait for approximately 1 minute for the indicator light to turn solid blue, signifying a successful connection. Use the UCon app to scan the QR code on the camera to add it to your device list.

5.2 Live View and Remote Control

Once connected, you can access live video streams, take snapshots, record videos, and use the two-way audio feature (if applicable) directly from the UCon app. The app also allows for multi-user sharing, enabling up to four devices to view simultaneously.

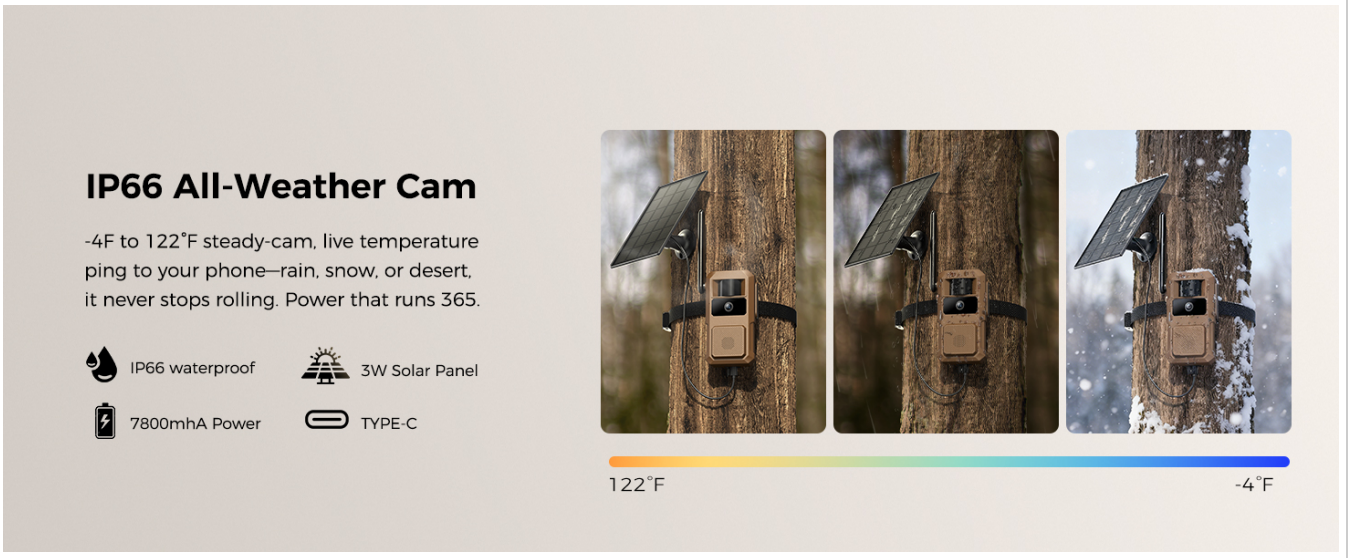

Image: Live view of wildlife captured by the camera, accessible via the mobile app.

5.3 Motion Detection Settings

Customize motion detection sensitivity (High, Medium, Low) and designate specific motion zones within the app to reduce false alerts. The integrated temperature sensor provides live temperature data, which can help anticipate wildlife activity.



Image: Mobile app interface for customizing motion detection zones and sensitivity settings.

5.4 Scheduled Recording

Set optional recording times to activate the camera only during specific periods, conserving data and battery life. This feature ensures the camera operates when wildlife is most active or during desired monitoring hours.

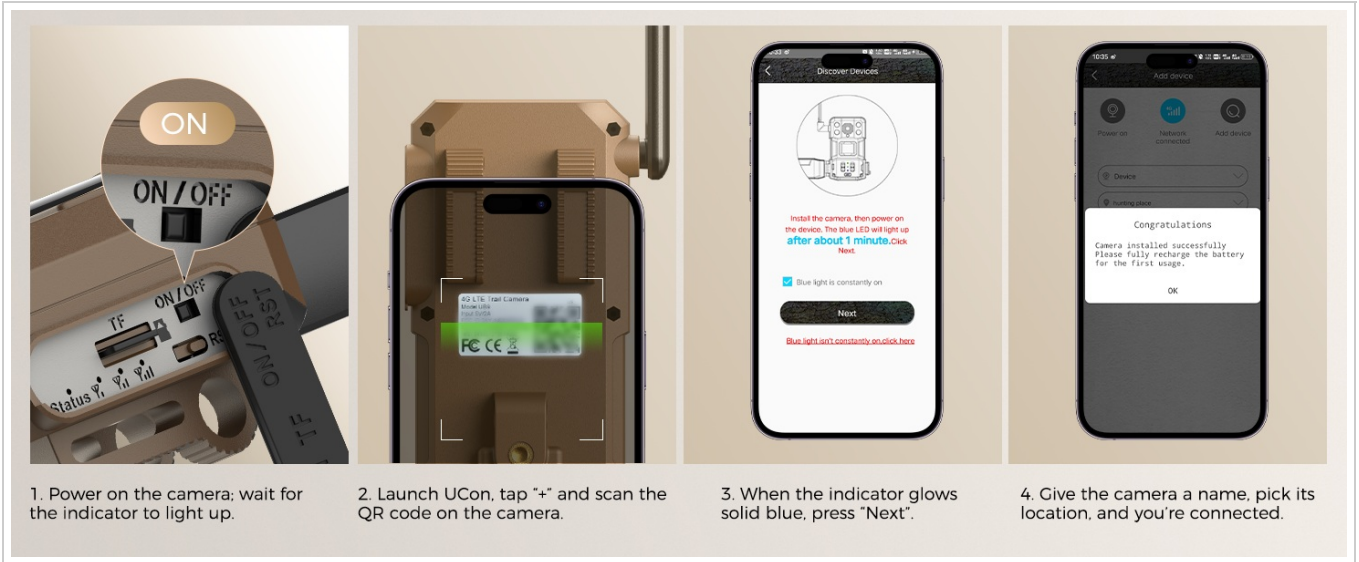

Image: Mobile app interface for scheduling camera operation during specific 'Beast-Time' hours.

6. Maintenance

- **Cleaning:** Regularly clean the camera lens and solar panel surface to ensure optimal performance. Use a soft, dry cloth.
- **Battery Check:** Monitor the battery status via the UCon app. The solar panel continuously charges the internal battery, but in prolonged cloudy or snowy weather, manual charging via the USB cable may be necessary.
- **Firmware Updates:** Check the UCon app for any available firmware updates to ensure the camera operates with the latest features and improvements.
- **Storage Management:** Periodically review and manage recorded content on your Micro SD card or cloud storage to free up space.

7. Troubleshooting

- **No Signal/Connectivity Issues:** Ensure the camera is in an area with 4G LTE coverage. Check the SIM card installation

and ensure your data plan is active. Try restarting the camera.

- **Poor Image/Video Quality:** Clean the camera lens. Ensure the camera is positioned correctly and there are no obstructions. Check app settings for resolution.
- **Battery Not Charging:** Ensure the solar panel is clean and positioned to receive direct sunlight. Verify the charging cable connection. In snowy conditions, clear snow from the panel.
- **Motion Detection Not Working:** Adjust motion detection sensitivity in the app. Ensure the camera's field of view is clear of excessive movement (e.g., swaying branches) that could trigger false alerts.
- **App Issues:** Ensure the UCon app is updated to the latest version. Restart the app or your smartphone.

8. Specifications

Model Name	UB9
Image Resolution	48MP
Video Resolution	2K
Trigger Speed	0.1s
Viewing Angle	120° Wide-Angle
Night Vision	940nm Infrared (No-Glow IR LEDs)
Connectivity	4G LTE Cellular Network (Built-in SIM)
Power Source	Solar Powered (3W Solar Panel) & 7800 mAh Built-in Battery
Waterproof Rating	IP66
Operating Temperature	-4 °F to 122 °F (-20 °C to 50 °C)
Storage	Micro SD Card (up to 128GB) & Cloud Storage
Dimensions	7 x 6 x 3 inches
Item Weight	1.72 pounds

9. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Loatos UB9 Trail Camera, please contact our customer service team.
Email: support@loatos.com
You can also find additional support and FAQs within the 'UCon' mobile application under the 'Customer Service' section.

▶ **Watch video online**
Loatos 48MP 2K Live Cellular Trail Camera

Video: An overview of the Loatos 48MP 2K Live Cellular Trail Camera, highlighting its features and setup process. This video is provided by the seller.

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