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TKENPRO CB84S

TKENPRO CB84S 4G LTE Cellular Trail Camera User Manual

Model: CB84S

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INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TKENPRO CB84S 4G LTE Cellular Trail Camera. This camera is designed for outdoor use, offering 2K live streaming, PIR motion detection, night vision, and remote access without the need for Wi-Fi, powered by an integrated solar panel and rechargeable battery.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Trail Camera (1)
- Camera Bracket (1)
- Camera Screw Pack (1)
- Charging Cable (1)
- Screwdriver (1)
- Strap (1)
- Solar Panel Screw Pack (1)
- Solar Panel Bracket (1)
- Solar Panel (1)
- Positioning Sticker (1)
- Instruction Manual (1)

Foolproof Detection

Zero Shots Missed, Every Opportunity Seized



Image: All components included in the TKENPRO CB84S package, laid out on a surface. This includes the camera, solar panel, various mounting accessories, and cables.

SETUP

1. Initial Charging

Before first use, fully charge the camera's internal 7800mAh battery using the provided USB-C charging cable. Connect the cable to the camera's charging port (located under a protective flap) and to a standard USB power adapter (not included). A full charge ensures optimal performance from the start.

2. SIM Card Activation

The camera features a built-in, non-removable SIM card. Upon first activation, you will receive 7 days of unlimited data. After this trial period, a data plan subscription is required for continued cellular service. Plans start at \$19.9 per camera per month or \$169.9 annually. The SIM card is for use within the United States only and does not support cross-region usage. Wi-Fi is not supported by this device.

3. Micro SD Card Installation (Optional)

The camera supports a Micro SD card up to 128GB (not included) for local storage of recordings. Locate the SD card slot, insert the card until it clicks into place, and ensure the protective cover is securely closed to maintain IP65 weatherproofing.



Image: Close-up of the TKENPRO CB84S camera showing the Micro SD card slot, indicating where to insert the memory card for local storage.

4. Mounting the Camera

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

- **Strap Mounting:** Thread the strap through the camera bracket and secure it around a tree or post.
- **Screw Mounting:** Use the positioning sticker to mark drill holes. Secure the camera bracket to a wall or surface using the provided screws.



Image: Two examples of camera installation: one showing the camera strapped to a tree, and another showing it screw-mounted on a wall, demonstrating versatile placement options.

5. Solar Panel Connection

Connect the solar panel to the camera's charging port using the long cable. Position the solar panel to maximize direct sunlight exposure throughout the day for continuous power. The adjustable mount for the solar panel allows for optimal angle adjustment.

All-Weather IP65 Waterproof

Functions flawlessly from -4°F to 122°F (-20°C to 50°C), built to withstand heavy rain, scorching sun, and extreme temperatures.

-4°F to 122°F

IP65 Waterproof



Image: The TKENPRO CB84S camera mounted on a tree with its solar panel positioned above it, connected via a cable to ensure continuous power.

6. App Installation and Pairing

Download the Ubox app from your smartphone's app store. Follow the in-app instructions to pair your camera. You will typically scan a QR code on the camera to establish the connection. Ensure the camera is powered on and has cellular signal during this process.

Your browser does not support the video tag.

Video: A demonstration of unboxing the TKENPRO CB84S camera, showing its components and the process of connecting it to the Ubox app on a smartphone. The video highlights the camera's 4G LTE capabilities and solar charging feature.

OPERATING INSTRUCTIONS

Live View and Remote Control

Access the Ubox app to view live 2K HD video from your camera. The app allows for remote control of the camera's 355° pan and 120° tilt functions, providing a 360° panoramic view. You can also use the 4x digital zoom to focus on specific areas.



Image: A smartphone screen displaying the live 360° panoramic view from the TKENPRO CB84S camera, with controls for pan and tilt visible.

PIR Motion Detection

The camera utilizes advanced PIR motion detection technology to minimize false triggers. When motion is detected, the camera captures high-quality video within 0.2 seconds and sends instant alerts to your phone. The built-in microphone and speaker enable real-time two-way audio communication.

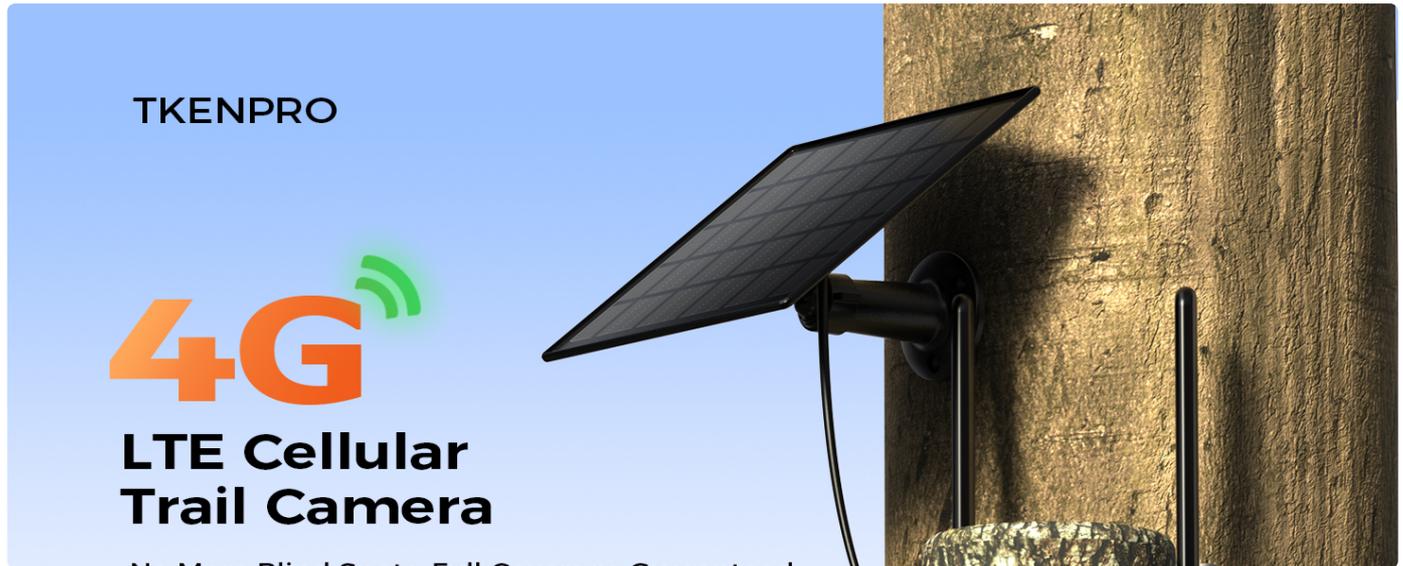


Image: The TKENPRO CB84S camera capturing a deer in a forest setting, with a smartphone notification indicating motion detection, showcasing the PIR feature.

Night Vision

Equipped with low-light infrared technology, the camera provides clear HD nighttime images and videos up to 85 feet (98 feet in specifications). It operates silently to avoid disturbing wildlife.

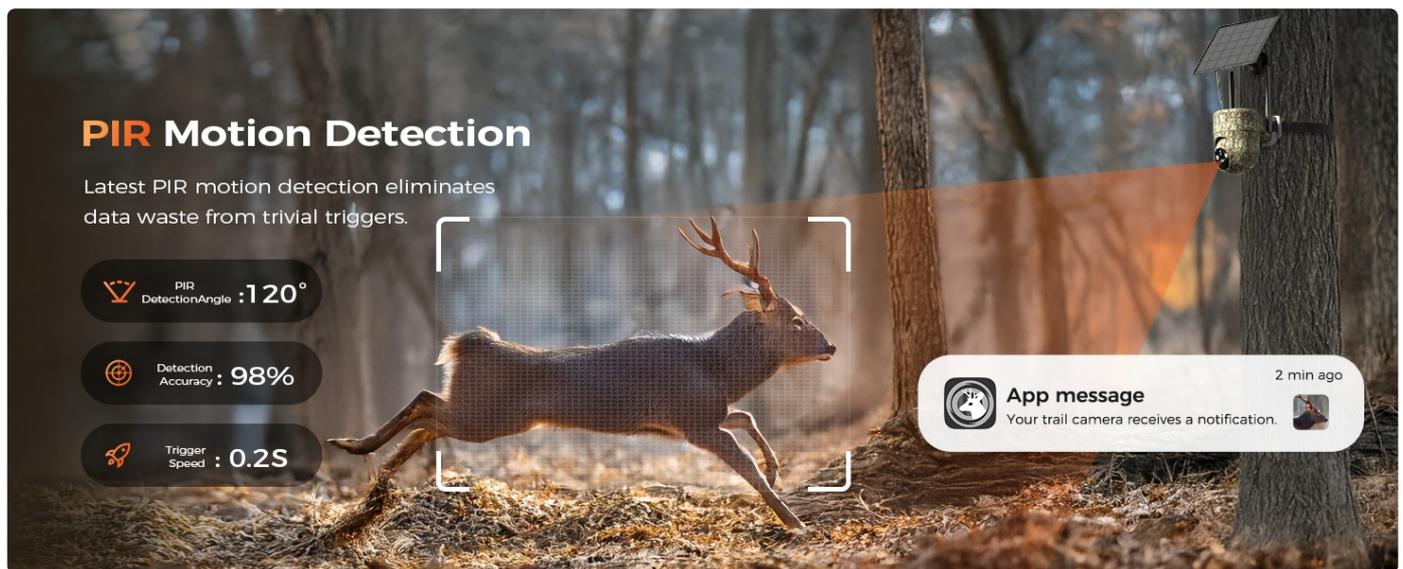


Image: A split image demonstrating the TKENPRO CB84S camera's 2K HD resolution in daylight and its clear infrared night vision capturing a wild boar without visible glow.

Customized Alert Settings

The Ubox app allows you to customize motion detection zones, adjust sensitivity levels, and schedule specific alert activation/deactivation times to suit your monitoring needs.

Customized Alert Time

Schedule alert activation/deactivation for any time period via the app

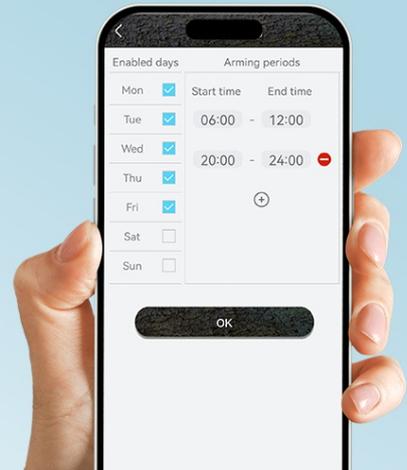
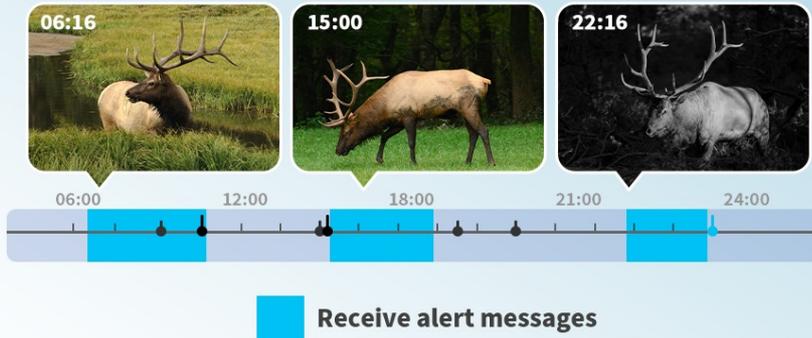


Image: A smartphone app interface showing options to set customized motion detection zones and schedule specific alert times for the camera.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal image quality and charging efficiency.
- **Battery Check:** Monitor the battery level via the Ubox app. Although solar-powered, prolonged cloudy periods may require manual charging.
- **Firmware Updates:** Check the Ubox app periodically for firmware updates to ensure your camera has the latest features and security enhancements.
- **Data Plan:** Ensure your cellular data plan is active and topped up to avoid service interruptions.

TROUBLESHOOTING

Problem	Possible Solution
Camera not connecting to app.	Ensure camera is powered on and fully charged. Verify cellular signal strength. Re-pair the camera through the Ubox app.
No motion detection alerts.	Check motion detection settings in the app (sensitivity, detection zones). Ensure camera is positioned correctly to capture motion.
Poor image/video quality.	Clean the camera lens. Ensure adequate lighting (daytime) or proper night vision activation (nighttime). Check for obstructions.
Battery not charging.	Ensure solar panel is clean and receiving direct sunlight. Check cable connection between solar panel and camera.
Cellular data issues.	Verify active data plan subscription. Check cellular signal strength in the camera's location.

SPECIFICATIONS

- **Model:** CB84S
- **Connectivity:** 4G LTE Cellular (Built-in SIM, US only)
- **Video Resolution:** 2K HD

- **Pan/Tilt:** 355° Pan, 120° Tilt (360° Panoramic View)
- **Zoom:** 4x Digital Zoom
- **Night Vision:** Infrared, 98 Feet Range
- **Motion Detection:** PIR (0.2s Trigger Speed)
- **Audio:** Two-Way Audio (Built-in Microphone & Speaker)
- **Power Source:** 5W Solar Panel, 7800mAh Rechargeable Battery
- **Weather Resistance:** IP65 Waterproof
- **Operating Temperature:** -20°C to 50°C (-4°F to 122°F)
- **Storage:** Micro SD Card (Up to 128GB, not included)
- **App:** Ubox
- **Dimensions:** 6.89 x 5.91 x 9.45 inches
- **Weight:** 2.14 pounds

WARRANTY & SUPPORT

TKENPRO offers continuous support for a lifetime. For any product-related inquiries, technical assistance, or warranty claims, please contact TKENPRO customer service. Refer to the contact information provided in your product packaging or on the official TKENPRO website.

- **Customer Service:** Prompt replies within 24 hours.
- **Returns:** 30-day hassle-free return and exchange policy.