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KLARVUE Guardian Pro

KLARVUE Guardian Pro WiFi Trail Camera - User Manual

Model: Guardian Pro | Brand: KLARVUE

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your KLARVUE Guardian Pro WiFi Trail Camera. Designed for wildlife monitoring, property security, and outdoor observation, this camera captures high-resolution images and videos with advanced features like 4K UHD recording, 32MP photos, and no-glow night vision. Please read this manual thoroughly before using your camera to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1x KLARVUE Guardian Pro WiFi Trail Camera
- 1x 32GB SD card
- 1x Mounting Strap
- 1x USB Micro-A cable
- 1x User Manual & Warning Sticker

3. KEY FEATURES

- **WiFi Connectivity & App Control:** Connect via Bluetooth to the camera's WiFi for easy settings adjustment, live streaming, and media download via the intuitive user app. No monthly fees or remote control required. (Note: The app connects to the built-in WiFi of the trail camera and does not support connecting to home WiFi.)
- **Native 4K Ultra High-Definition Video & True 32MP High-Resolution Photos:** Capture genuine 32MP (7680x4320) images and authentic 4K (3840x2160@30fps) UHD video. Features a built-in 2.4-inch full-color LCD screen for viewing.
- **IP67 Waterproof Rating & 0.2s Instant Shot Activation:** Fully waterproof design provides

protection against heavy rain, snow, dust, and extreme temperatures. Ultra-responsive 0.2-second trigger speed ensures rapid capture of motion.

- **100ft No Glow Night Vision:** Advanced no-glow infrared technology delivers detailed black-and-white video and images from up to 100 feet away, ensuring stealthy monitoring.
- **Hassle-free Setup and Operation:** Easy installation with the included mounting strap. Supports on-demand photo and video capture.

4. SETUP GUIDE

4.1. Battery Installation

The KLARVUE Guardian Pro requires 8xAA batteries (not included). Ensure correct polarity when inserting batteries into the battery compartment.



Image: Inserting 8xAA batteries into the camera's battery tray.

4.2. SD Card Installation

Insert the included 32GB SD card into the designated SD card slot. Ensure the card is inserted correctly until it clicks into place.

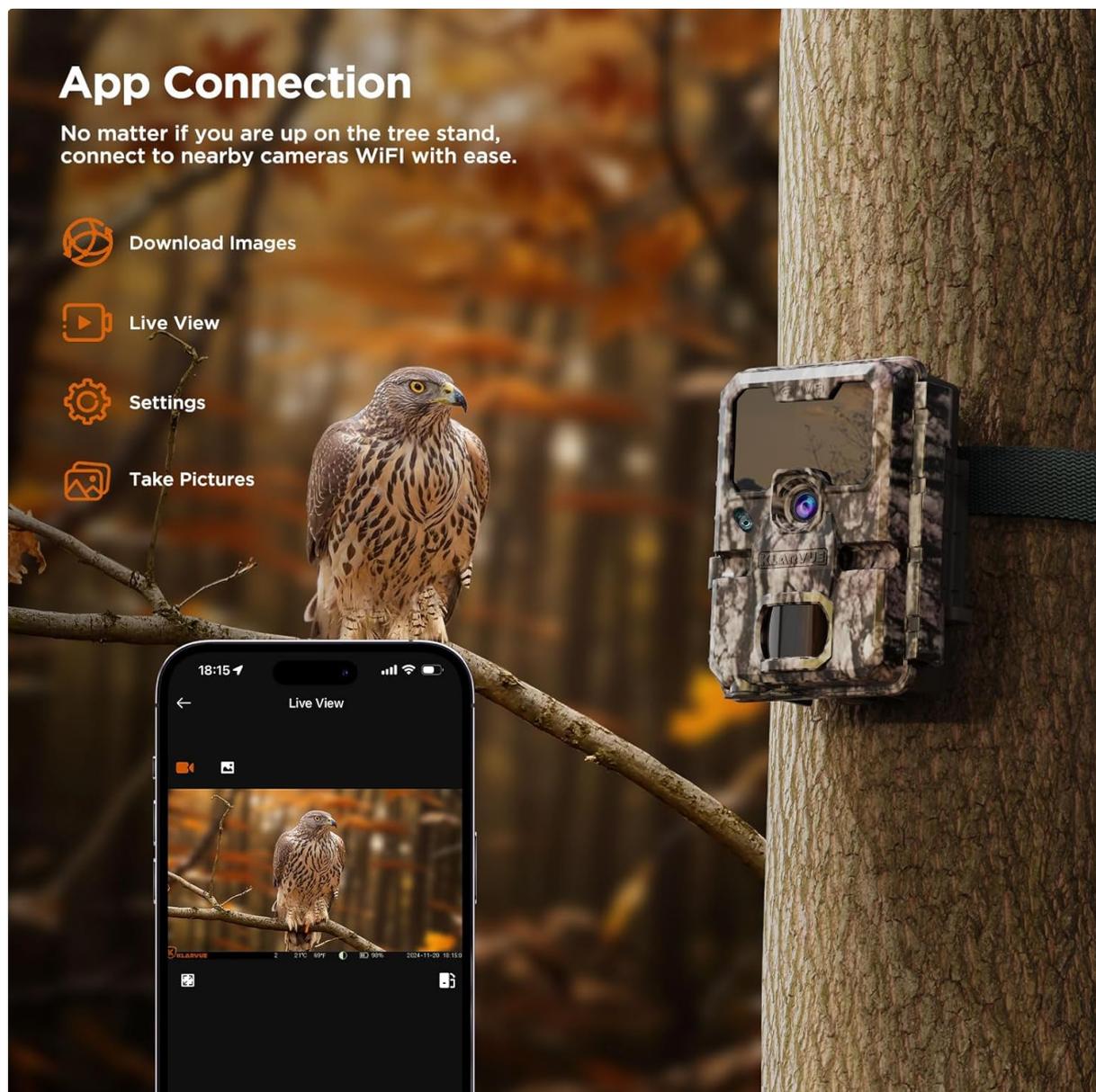


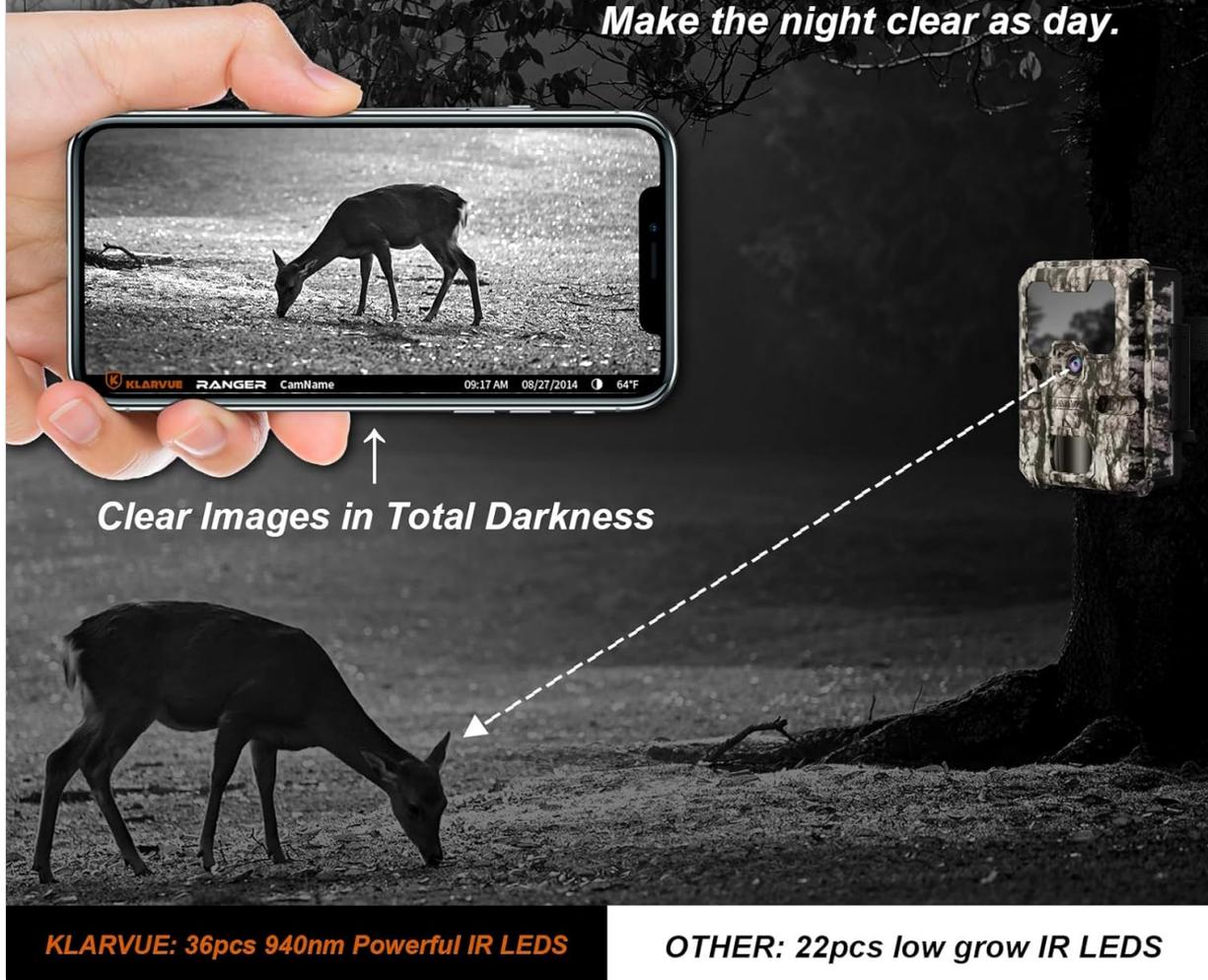
Image: Inserting the 32GB SD card into the camera.

4.3. Powering On and Basic Settings

Toggle the power switch to the "ON" position. Use the navigation buttons (up, down, left, right, OK, Menu) to access and adjust settings on the built-in 2.4-inch LCD screen. Set the date, time, and preferred capture mode (Photo, Video, or Dual).

Night OwlVision™

No-Glow LEDs with 100ft illumination
Make the night clear as day.



↑

Clear Images in Total Darkness

KLARVUE: 36pcs 940nm Powerful IR LEDs

OTHER: 22pcs low grow IR LEDs

Image: Navigating the camera's internal menu for settings adjustment.

4.4. App Connection

Download the "KLARVUE" app from the App Store or Google Play. Enable Bluetooth and Wi-Fi on your smartphone. Follow the in-app instructions to connect to your camera's built-in Wi-Fi. This allows for remote control, live view, and media download within Wi-Fi range.

Native **32MP** Crisp Image Native **4K UHD** Video

No Upscaling, No Gimmick



Image: Smartphone displaying the KLARVUE app connected to the camera.

5. OPERATING INSTRUCTIONS

5.1. Capture Modes

- **Photo Mode:** Captures still images. Adjust image quality (up to 32MP) and photo burst settings.
- **Video Mode:** Records video clips. Adjust video quality (up to 4K UHD) and video length (up to 10 seconds).
- **Dual Mode:** Captures both a still image and a video clip per trigger event.

5.2. Advanced Settings

- **PIR Interval:** Set the delay between trigger events.
- **PIR Sensitivity:** Adjust the motion sensor's sensitivity (Auto, Low, Medium, High) to prevent false triggers.
- **Operating Hours:** Define specific timeframes for the camera to be active.
- **Time Lapse:** Configure the camera to take photos at set intervals for time-lapse sequences.
- **Night Mode:** Select "Long Range" for optimal 100ft no-glow night vision.

6. MEDIA INTEGRATION

6.1. Product Images



Image: KLARVUE Guardian Pro trail camera securely mounted on a tree using the provided strap.

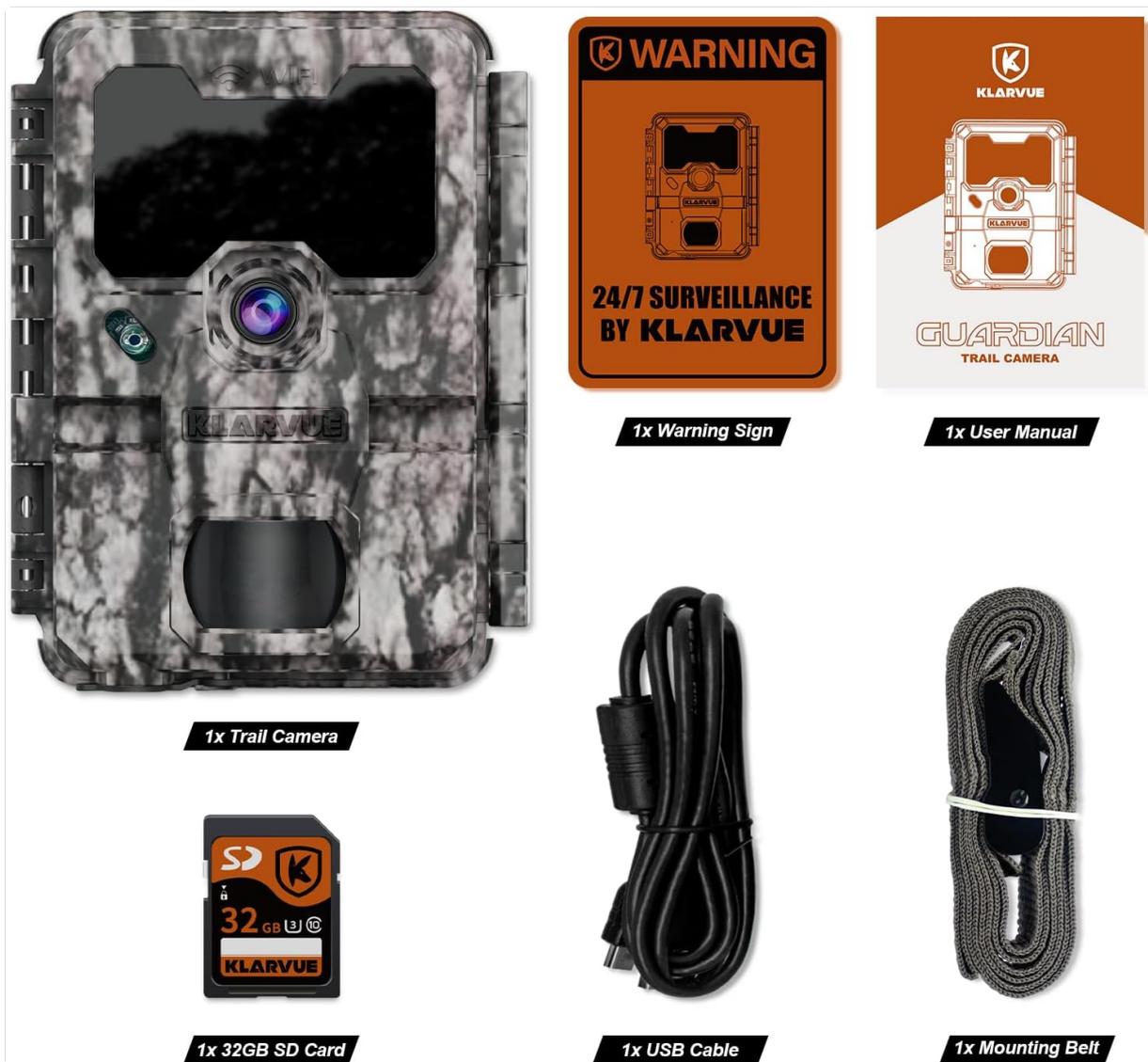


Image: Dimensions of the compact KLARVUE Guardian Pro trail camera, measuring 5.03 inches in height, 3.74 inches in width, and 2.55 inches in depth.

6.2. Official Product Videos

The following videos provide additional guidance on setting up and using your KLARVUE Guardian Pro WiFi Trail Camera:

[Klarvue Guardian Pro WiFi Game Camera - Quick Start](#)

Your browser does not support the video tag.

Video: A quick start guide demonstrating the initial setup and basic functions of the Klarvue Guardian Pro WiFi Game Camera.

[WiFi Trail Camera](#)

Your browser does not support the video tag.

Video: An overview of the WiFi connectivity features of the Klarvue Trail Camera, showing how to connect and manage the device.

7. TROUBLESHOOTING

If you encounter issues with your KLARVUE Guardian Pro, please refer to the following common solutions:

- **Camera Not Powering On:** Ensure batteries are correctly inserted and fully charged. Check that the power switch is in the "ON" position.
- **No Images/Videos Captured:** Verify the SD card is properly inserted and not full. Check PIR sensitivity settings and ensure the camera is in an active operating hour.
- **App Connectivity Issues:** Ensure your phone's Bluetooth and Wi-Fi are enabled. Make sure you are within the camera's Wi-Fi signal range. Restart both the camera and your phone, then try connecting again.
- **Poor Image/Video Quality:** Check the selected image and video quality settings. Ensure the lens is clean and free from obstructions.

8. MAINTENANCE

To ensure the longevity and optimal performance of your KLARVUE Guardian Pro WiFi Trail Camera, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the camera lens and PIR sensor window with a soft, dry cloth to remove dust, dirt, or smudges.
- **Battery Check:** Monitor battery levels regularly, especially before extended deployment. Replace batteries when low to prevent interruption of recording.
- **SD Card Management:** Format the SD card periodically to maintain optimal performance and prevent data corruption. Back up important media before formatting.
- **Environmental Protection:** While IP67 rated, avoid prolonged submersion or direct high-pressure water exposure. Ensure all latches are securely closed to maintain waterproof integrity.

9. SPECIFICATIONS

Feature	Detail
Brand	KLARVUE
Model Name	Guardian Pro
Image Resolution	32 MP (7680x4320)
Video Resolution	4K UHD (3840x2160@30fps)
Trigger Speed	0.2 Seconds
Night Vision Range	100 Feet (No-Glow Infrared)
Water Resistance	IP67 Waterproof
Connectivity	Bluetooth, Wi-Fi
Storage	32GB SD Card (included), supports up to 512GB
Power Source	8xAA Batteries (not included)
Display	2.4-inch Full-Color LCD

Dimensions	5 x 3.9 x 2.7 inches
Weight	1.12 pounds

10. WARRANTY AND SUPPORT

The KLARVUE Guardian Pro WiFi Trail Camera comes with a 1-Year Worry-Free Warranty and life-long technical support. For any questions or assistance, please do not hesitate to contact KLARVUE customer service via Amazon.