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› VOOPEAK TC24 4K 48MP Trail Camera User Manual

VOOPEAK TC24

VOOPEAK TC24 4K 48MP Trail Camera User Manual

Model: TC24

1. INTRODUCTION

Thank you for choosing the VOOPEAK TC24 Trail Camera. This camera is designed for capturing high-quality photos and videos of wildlife or for surveillance purposes. It features 4K video recording, 48MP photo resolution, a 120° wide-angle lens, and a rapid 0.1-second trigger speed. Its IP66 waterproof rating ensures reliable performance in various outdoor conditions.

Please read this manual carefully before operating the camera to ensure proper use and to maximize its performance.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x VOOPEAK TC24 Trail Camera
- 1x Mounting Belt
- 1x Tree Mount / Metal Base Disc
- 1x USB Data Cable
- 3x Screws
- 3x Plastic Expansion Tubes
- 1x User Manual

Images et Vidéos Ultra HD 4K 48MP



Image: VOOPEAK TC24 Trail Camera with its accessories, including the camera unit, mounting belt, USB cable, and screws.

3. CAMERA FEATURES

- **4K UHD Video & 48MP Photo Resolution:** Captures clear 4K videos and high-resolution 48MP photos.
- **120° Wide-Angle Lens:** Provides a broad field of view to capture more of the environment.
- **0.1s Trigger Speed:** Ensures rapid capture of detected movements.
- **Infrared Night Vision:** Equipped with 2 high-power 850nm LEDs for clear black and white images/videos at night, with a range of up to 20 meters.
- **PIR Sensors:** Passive Infrared sensors detect motion up to 25m during the day and 20m at night.
- **IP66 Waterproof:** Durable casing protects against rain, dust, and harsh weather conditions.
- **Time-Lapse Function:** Allows for capturing images or videos at set intervals.
- **Power Source:** Operates on 8 AA batteries (not included).
- **Storage:** Supports SD cards up to 32GB (not included).

4. SETUP

4.1 Battery Installation

1. Open the camera casing latches.
2. Locate the battery compartments. The camera requires 8 AA batteries (not included).
3. Insert the batteries, ensuring correct polarity (+/-).
4. Close the battery compartments securely.

Note: For optimal performance and longevity, use high-quality alkaline or rechargeable AA batteries. The camera can operate with 4 batteries, but 8 are recommended for extended use.

4.2 SD Card Installation

1. Ensure the camera is powered off.
2. Locate the SD card slot.
3. Insert an SD card (up to 32GB, not included) into the slot until it clicks into place.
4. It is highly recommended to format the SD card before first use. Format it on a computer first, then format it again using the camera's menu.

Important: An SD card is essential for saving photos and videos. The camera will not function without one.

4.3 Mounting the Camera

The VOOPEAK TC24 offers flexible mounting options:

- **Using the Mounting Belt:** Thread the provided belt through the slots on the back of the camera and secure it around a tree or pole.
- **Using the Tree Mount/Metal Base:** Attach the metal base to a tree or wall using the provided screws and expansion tubes. Then, attach the camera to the mount.

Le Paquet Comprend



» 1x Caméra de Chasse «



» 1x Câble USB «



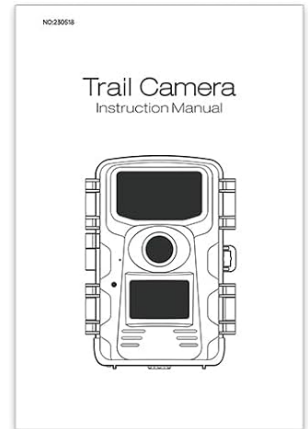
» 1x Support Mural «



» 3x Vis «



» 1x Ceinture de Montage «



» 1x Manuel de l'utilisateur «

Image: The VOOPEAK TC24 camera mounted on a tree, showcasing its IP66 waterproof design during rainfall.

Position the camera to ensure a clear view of the desired area, considering the 120° wide-angle lens and PIR detection range.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Basic Settings

1. After installing batteries and an SD card, switch the camera to the "ON" position.
2. The internal screen will activate, allowing you to navigate the menu using the control buttons.
3. Set the date, time, and language (French is available).
4. Adjust photo/video resolution, PIR sensitivity, and operating mode (Photo, Video, Photo+Video, Time-Lapse).

5.2 Recording Modes

- **Photo Mode:** Captures still images when motion is detected.
- **Video Mode:** Records video clips when motion is detected.
- **Photo + Video Mode:** Takes a set number of photos, then records a video clip upon motion detection. Note that this

sequence might cause a slight delay in video capture after photos.

- **Time-Lapse Mode:** Captures photos or videos at predefined intervals, regardless of motion.

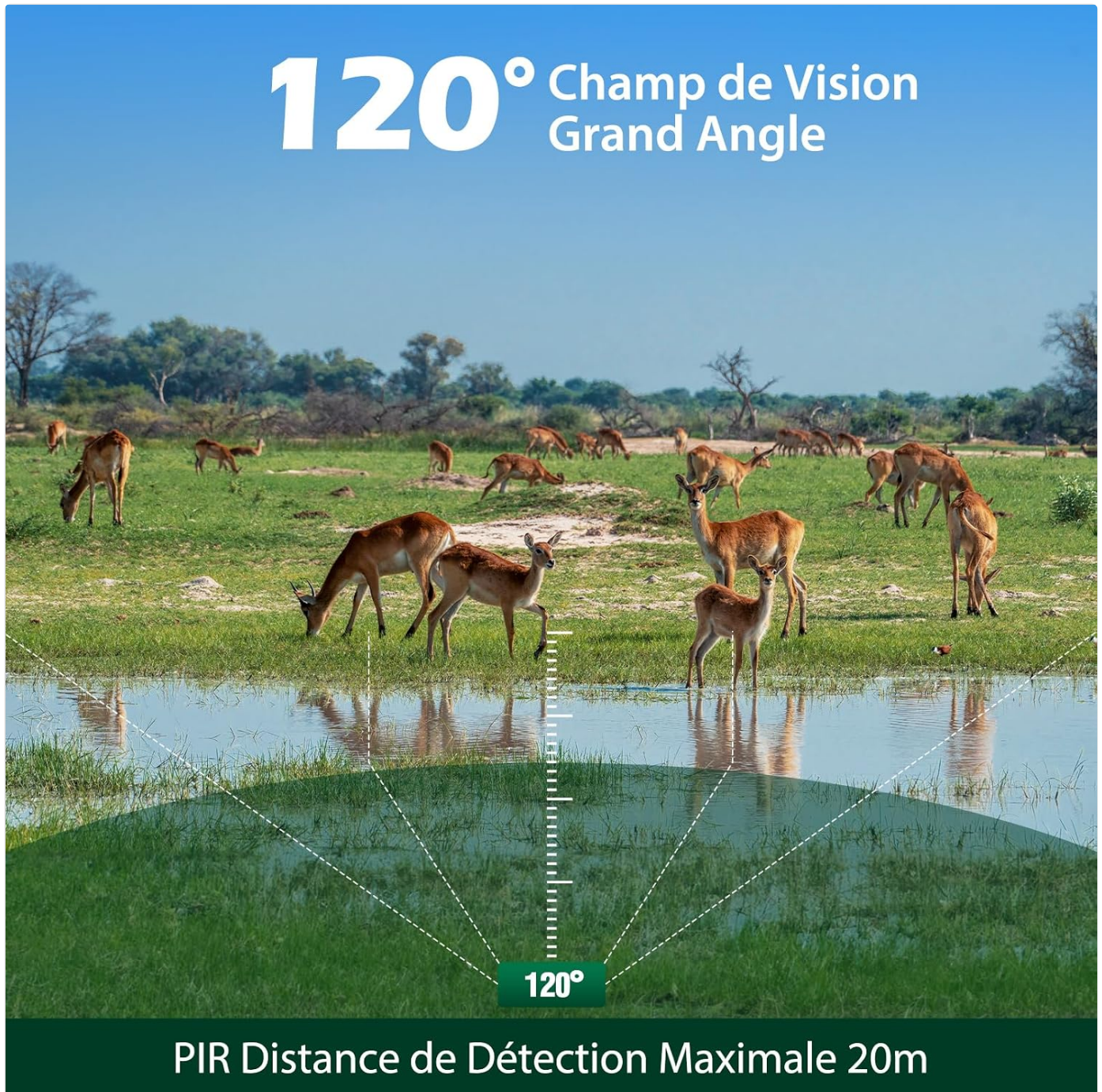


Image: Visual comparison highlighting the superior detail of 4K/48MP capture compared to 1080p/20MP.

5.3 Field of View and Motion Detection

The VOOPEAK TC24 features a 120° wide-angle lens, providing an expansive field of view to capture more of the surrounding area. Coupled with Passive Infrared (PIR) sensors, the camera detects movement up to 25 meters during the day and 20 meters at night. Upon detection, the camera triggers within 0.1 seconds to ensure no moment is missed.

0.1S Temps de Déclenchement Rapide

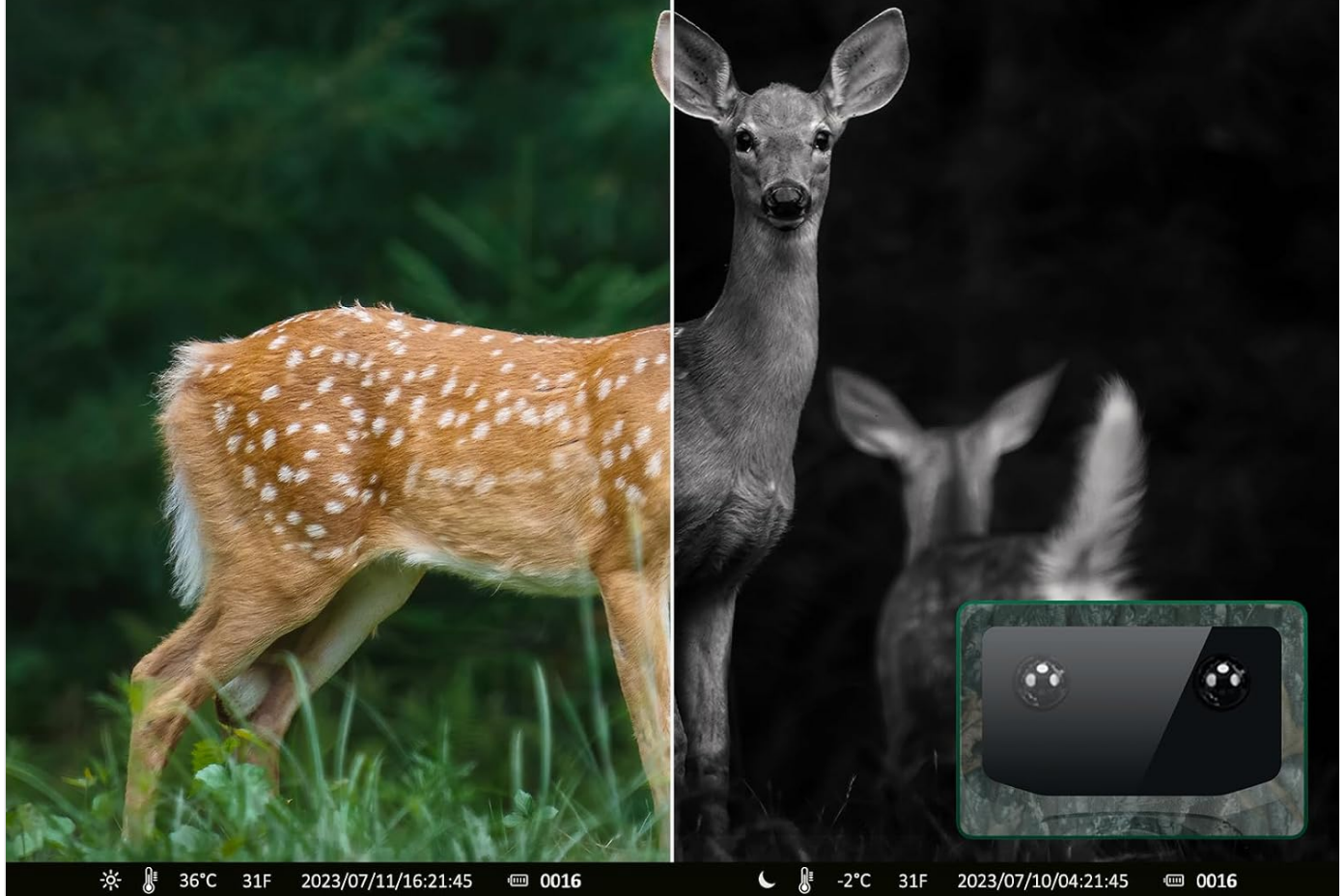


Saisissez Rapidement Ce Moment Merveilleux

Image: An illustration of the camera's 120-degree wide field of view and its 20-meter PIR detection range, showing deer in a landscape.

Vision Nocturne Claire

2 LED Infrarouges Haute Puissance à Faible Luminosité



☀️ 36°C 31F 2023/07/11/16:21:45 0016

🌙 -2°C 31F 2023/07/10/04:21:45 0016

Image: The camera's rapid 0.1-second trigger speed capturing a cheetah and an impala in motion.

5.4 Night Vision

The VOOPEAK TC24 is equipped with 2 infrared LEDs that provide clear black and white images and videos in low-light or complete darkness, with a night vision range of up to 20 meters. These LEDs are not visible to the human eye, ensuring discreet operation.

IP66 Étanche

Protège La Caméra de Chasse de La Pluie et de La Poussière



-20°C / -4°F

50°C / 122°F



Image: A side-by-side comparison showing a deer captured in color during the day and in black and white using infrared night vision.

5.5 Viewing and Transferring Files

- **On Camera:** Use the internal screen to review captured photos and videos directly.
- **Via USB:** Connect the camera to a computer using the provided USB cable to transfer files.
- **SD Card Reader:** Remove the SD card and insert it into a computer's card reader for faster file access.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and casing. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** Replace all 8 AA batteries when the low battery indicator appears or when performance degrades.
- **SD Card Management:** Regularly back up important files and format the SD card to maintain optimal performance and prevent data corruption.
- **Storage:** When not in use for extended periods, remove batteries and store the camera in a cool, dry place.

7. TROUBLESHOOTING

7.1 Camera Not Turning On

- Ensure batteries are inserted correctly with proper polarity.
- Check if batteries are fully charged or replace them with new ones.
- Verify the power switch is in the "ON" position.

7.2 Poor Image/Video Quality

- Clean the camera lens.
- Ensure the camera is set to the desired resolution (4K for video, 48MP for photos).
- Check for sufficient lighting conditions. Night vision will produce black and white images.
- While the camera supports 4K, actual perceived quality can vary based on environmental factors and playback device.

7.3 Motion Not Detected or Missed Shots

- Adjust PIR sensor sensitivity in the camera settings.
- Ensure there are no obstructions in front of the PIR sensors.
- Position the camera to cover the desired detection area effectively, considering the 120° field of view.
- In Photo + Video mode, the initial photos might cause a slight delay before video recording begins.

7.4 Excessive Battery Consumption

- Ensure all 8 AA batteries are used for maximum lifespan.
- Reduce the frequency of captures or video length in settings.
- Use high-quality alkaline or rechargeable batteries.
- Extreme temperatures can affect battery performance.

7.5 SD Card Errors

- Ensure the SD card is properly inserted.
- Format the SD card using the camera's menu.
- Try a different SD card (up to 32GB, Class 10 recommended).
- Ensure the SD card is not locked (write-protected).

8. SPECIFICATIONS

Feature	Specification
Brand	VOOPEAK
Model Name	TC24
Video Resolution	4K (30fps)
Photo Resolution	48 Megapixels
Lens Angle	120 Degrees
Trigger Speed	0.1 seconds

Feature	Specification
PIR Detection Range (Day)	Up to 25 meters
PIR Detection Range (Night)	Up to 20 meters
Night Vision Range	Up to 20 meters
IR LEDs	2 (850nm)
Water Resistance	IP66
Storage Type	SD Card (up to 32GB)
Power Source	8x AA Batteries (6 Volts)
Connectivity Technology	Wired (USB)
Video Capture Format	AVI
Weight	1.06 Pounds (approx. 0.48 kg)

9. WARRANTY AND SUPPORT

VOOPEAK is committed to providing high-quality products and customer satisfaction. This product comes with a lifetime after-sales service for VOOPEAK trail cameras, as indicated by the manufacturer.

For any questions, technical assistance, or warranty claims, please contact VOOPEAK customer support. Our team is available to respond quickly to your inquiries.

Please refer to the contact information provided on the product packaging or the official VOOPEAK website for the most up-to-date support channels.

