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> [usogood TC80 WiFi 4K 48MP Trail Camera User Manual](#)

usogood TC80

usogood TC80 WiFi 4K 48MP Trail Camera User Manual

Model: TC80

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1. INTRODUCTION

The usogood TC80 Trail Camera is designed for capturing high-quality photos and videos of wildlife and for outdoor security monitoring. Featuring 4K video recording and 48MP still image capabilities, this camera provides clear visuals day and night. It includes Wi-Fi and Bluetooth connectivity for remote control via the 'TrailCam GO' app, allowing for convenient media download and settings adjustment without physically accessing the camera. Equipped with motion-activated sensors and infrared night vision, the TC80 is built to perform in various environmental conditions.



Image 1.1: The usugood TC80 Trail Camera in its natural outdoor setting.

2. WHAT'S IN THE BOX

Please verify that all components are present upon opening the package:

- Trail Camera (1)
- Mounting Belt (1)
- USB Cable (1)
- Instruction Manual (1)
- AA Batteries (8)
- 32GB Memory Card (1)

WHAT'S IN THE BOX?

(With 8 batteries and memory card)



Image 2.1: All included accessories and the TC80 Trail Camera.

3. SETUP

3.1. Battery Installation

1. Open the camera's casing by unlatching the side clips.
2. Locate the battery compartment at the bottom of the camera.
3. Insert 8 AA 1.5V batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment securely.

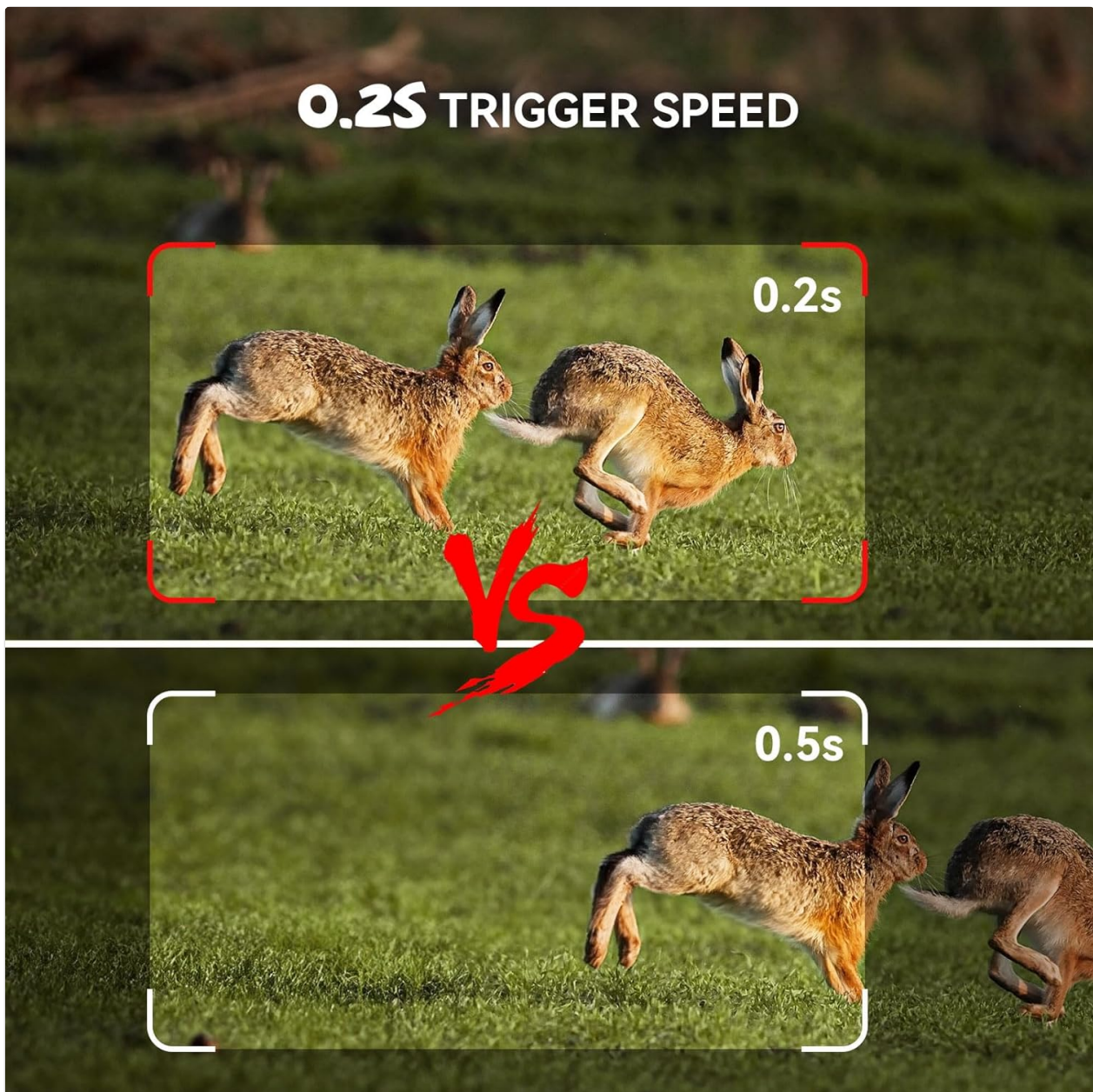


Image 3.1: Proper insertion of AA batteries into the camera's battery slot.

3.2. Memory Card Installation

1. Locate the Micro SD card slot on the side of the camera, typically beneath a protective cover.
2. Insert the provided 32GB Micro SD card (or another compatible card up to 128GB) into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.



Image 3.2: The Micro SD card slot for media storage.

3.3. Initial Power On and Basic Settings

1. Slide the power switch from 'OFF' to 'TEST' mode. The camera's internal screen will activate.
2. Use the navigation buttons (MENU, UP, DOWN, OK) to access the settings menu.
3. Set the correct language, date, and time.
4. It is recommended to format the memory card before first use to ensure optimal performance. Navigate to the 'Format' option in the settings and confirm.
5. After configuring settings, press MENU to exit. The camera will then enter working mode after a brief countdown, indicated by the screen turning black and the indicator light stopping flashing.

Your browser does not support the video tag.

Video 3.1: A detailed guide on unboxing, battery and memory card installation, and initial setup of the usogood TC80 Trail Camera.

3.4. App Installation and Connection

1. Download the 'TrailCam GO' app from your smartphone's app store.
2. Enable Bluetooth and Wi-Fi on your smartphone.

3. Open the 'TrailCam GO' app and follow the on-screen instructions to connect to your TC80 camera. The camera uses a Wi-Fi hotspot (not a home network) for direct connection.
4. Once connected, you can adjust camera settings, view live feed, and download media directly to your phone.

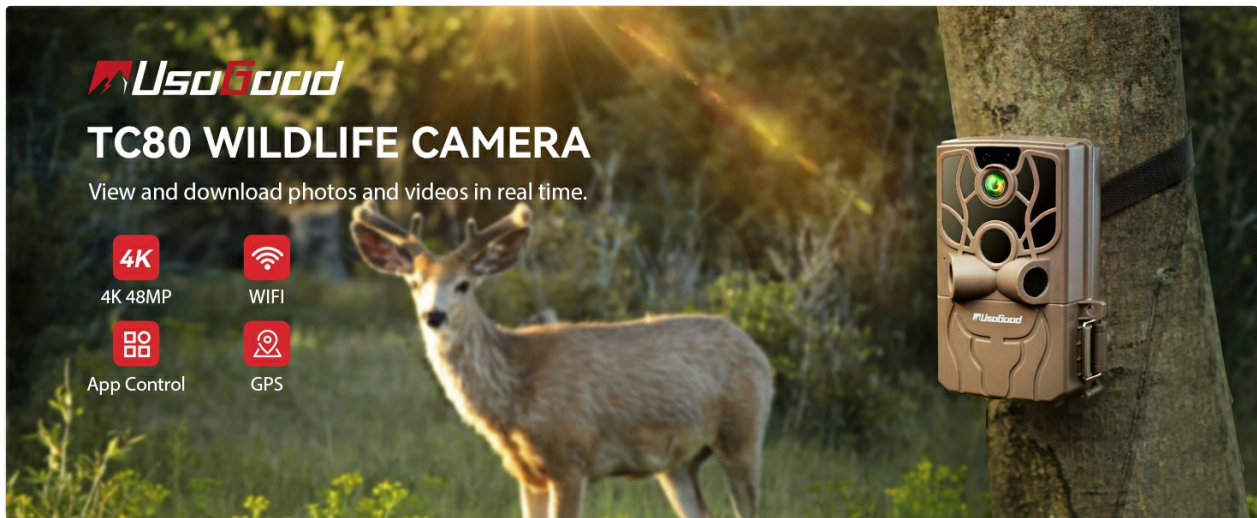


Image 3.3: Remote control and viewing via the 'TrailCam GO' app.

4. OPERATING THE CAMERA

4.1. Shooting Modes

The TC80 offers three primary shooting modes:

- **Photo Mode:** Captures still images.
- **Video Mode:** Records video clips.
- **Hybrid Mode:** Captures both a photo and a video clip for each trigger event.

You can select your preferred mode and adjust resolution settings (e.g., 48MP for photos, 4K for video) within the camera's menu or via the 'TrailCam GO' app.



Image 4.1: High-definition photo and video capabilities.

4.2. Motion Detection

The camera features a 0.3-second trigger speed and a 120° detection angle, utilizing three PIR (Passive Infrared) sensors to capture movement. This ensures that wildlife or other activity is quickly detected and recorded.



Image 4.2: The wide 120° PIR detection angle.

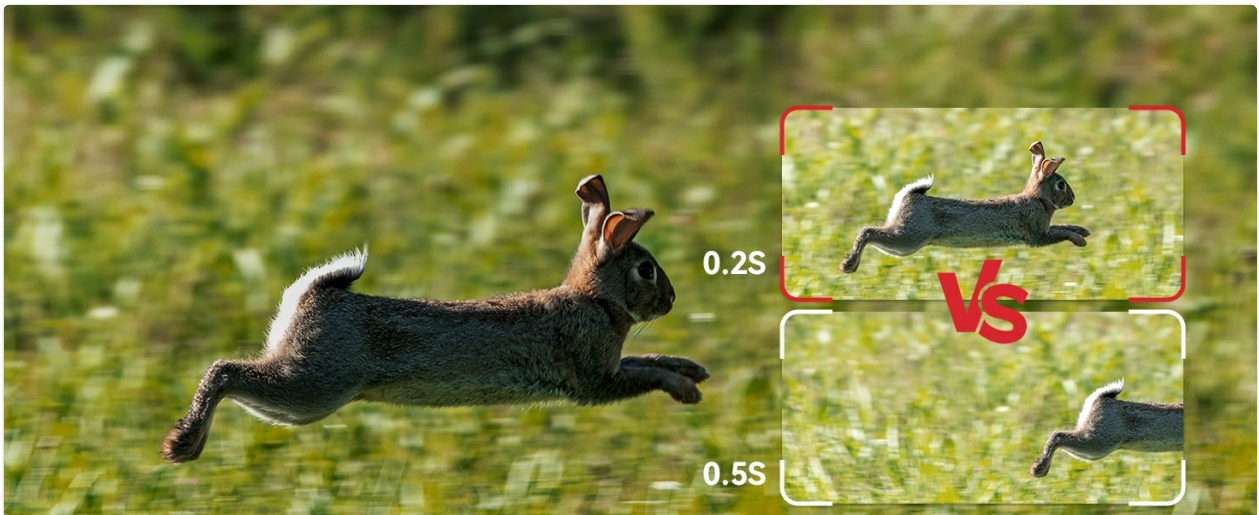


Image 4.3: The rapid 0.3-second trigger speed ensures no moment is missed.

4.3. Night Vision

For nighttime recording, the TC80 utilizes 36 pieces of 850nm infrared LEDs, providing clear black-and-white footage up to 65 feet (20 meters) without disturbing wildlife.



Image 4.4: Night vision captures clear images in low-light conditions.

4.4. Viewing and Downloading Media

You have several options for accessing your captured photos and videos:

- **Via 'TrailCam GO' App:** Connect your smartphone to the camera's Wi-Fi hotspot using the app. You can then browse, view, and download media directly to your phone.
- **Direct USB Connection:** Connect the camera to a computer using the provided USB cable. The camera will appear as a removable disk, allowing you to transfer files.
- **Memory Card Reader:** Remove the Micro SD card from the camera and insert it into a compatible card reader connected to a computer.



Image 4.5: Options for accessing captured media.

5. MAINTENANCE

5.1. Environmental Protection

The TC80 camera has an IP66 waterproof rating, making it resistant to dust and strong jets of water. It is designed to operate in temperatures ranging from -20°C to 60°C, suitable for various outdoor conditions.

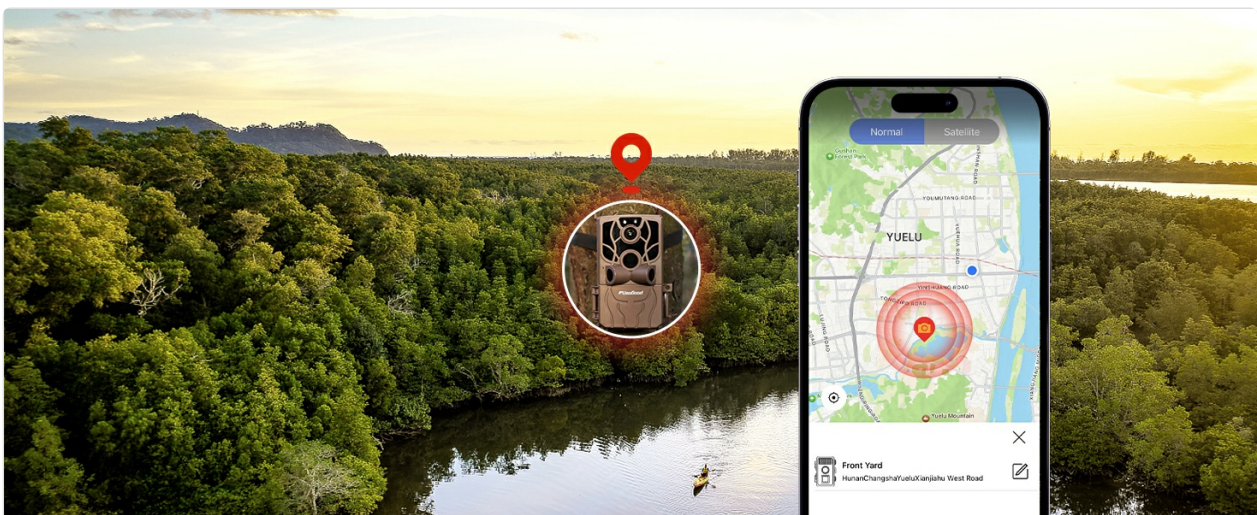


Image 5.1: The camera's robust, waterproof design.

5.2. Battery Management

Regularly check the battery level, especially before deploying the camera for extended periods. Replace all 8 AA batteries simultaneously to ensure consistent power. Do not mix new and old batteries.

5.3. Memory Card Care

To maintain optimal performance and prevent data corruption, format the Micro SD card periodically using the camera's internal menu. Ensure you back up any important data before formatting.

5.4. Cleaning

Use a soft, dry cloth to clean the camera lens and PIR sensors. Avoid abrasive materials or harsh chemicals that could damage the surfaces. Ensure the camera casing is free of dirt and debris, especially around seals, to maintain its waterproof integrity.

6. TROUBLESHOOTING

6.1. Camera Not Powering On

- Ensure all 8 AA batteries are correctly inserted with the proper polarity.
- Check if the batteries are fully charged or replace them with new ones.
- Verify that the power switch is set to 'TEST' or 'ON'.

6.2. No Images/Videos Captured

- Confirm the camera is in 'ON' mode for active recording, not 'TEST' or 'OFF'.
- Check if the memory card is correctly inserted and has sufficient free space. Format the card if necessary (after backing up data).
- Adjust the PIR sensitivity settings if the camera is not detecting motion.
- Ensure the detection area is clear of obstructions that might block the PIR sensors.

6.3. Wi-Fi Connection Issues

- Ensure the camera's Wi-Fi is enabled (usually by switching to 'TEST' mode and activating Wi-Fi via the menu or app).
- Confirm your smartphone's Wi-Fi and Bluetooth are enabled.
- Make sure you are connecting to the camera's direct Wi-Fi hotspot, not your home network.
- Reduce the distance between your smartphone and the camera for a stronger signal.

6.4. Poor Image/Video Quality

- Check the resolution settings in the camera menu or app and ensure they are set to the desired quality (e.g., 48MP for photos, 4K for videos).
- Clean the camera lens and IR LEDs to remove any dirt or condensation.
- Ensure the camera is mounted stably to prevent blurry images due to movement.

7. SPECIFICATIONS

Feature	Detail
Model Name	TC80
Effective Still Resolution	48 Pixels
Video Capture Resolution	4K
Connectivity Technology	Bluetooth, Wi-Fi (hotspot, not SIM)
Power Source	Battery Powered (8x AA batteries)
Flash Memory Installed Size	32 GB (Micro SD card included)
Flash Memory Supported Size Maximum	128 GB
Viewing Angle	120 Degrees
Night Vision Range	65 Feet (20 meters)
Number of IR LEDs	40
Trigger Speed	0.3 seconds
International Protection Rating	IP66
Operating Temperature	-20°C to 60°C
Dimensions (L x W x H)	8.07 x 5.19 x 4 inches
Item Weight	1.74 pounds (790 grams)

8. WARRANTY & SUPPORT

8.1. Warranty Information

usogood products come with a warranty and return commitment. Please refer to the product packaging or the official usogood website for specific warranty terms and conditions.

8.2. Customer Support

For any questions, technical assistance, or support needs, usogood offers 24/7 customer support with responses typically within 48 hours. You can reach out through the contact information provided on the official usogood website or via the 'TrailCam GO' app's support section.

For more information, visit the official [usogood Store](#).

