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> Wildlife Trail Camera HC-700M 2G User Manual

fgfgkijbhgmsedfod HC-700M

Wildlife Trail Camera HC-700M 2G

USER MANUAL

1. Introduction

Thank you for choosing the fgfgkijbhgmsedfod HC-700M Wildlife Trail Camera. This camera is designed for outdoor wildlife observation, offering high-definition imaging with night vision capabilities. Its robust, waterproof design ensures reliable performance in various environmental conditions. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your camera.

2. Package Contents

Please verify that all items listed below are included in your package:

- Wildlife Trail Camera x 1
- User Manual x 1 (This document)
- Antenna x 1
- USB Cable x 1
- Mounting Strap x 1

3. Product Overview

Familiarize yourself with the components and features of your HC-700M Trail Camera.





Figure 3.1: Front view of the HC-700M Wildlife Trail Camera, displaying its camouflage casing and external antenna.



Figure 3.2: Detailed component diagram of the HC-700M Trail Camera, highlighting the antenna, 6V DC input, 2.0" LCD, IR LEDs/48 night light beads, remote receiver, lens, photosensitive sensor, microphone, PIR sensor, and bottom cover.



Figure 3.3: Internal view of the camera's base, revealing the OFF/TEST/ON switch, USB port, TF (microSD) card slot, and SIM card slot for 2G network connectivity.



Figure 3.4: Physical dimensions of the HC-700M Trail Camera, measuring approximately 16.6cm in height, 8cm in width, and 3.5cm in depth.



Figure 3.5: Top view of the camera, illustrating the antenna screw-in point and the 6V DC power input port.

4. Setup

Follow these steps for initial camera setup:

1. **Install Batteries:** Open the bottom cover of the camera. Insert the required number of AA batteries (not included) into the battery compartment, ensuring correct polarity. Alternatively, connect an external 6V DC power source to the designated input port.
2. **Insert TF Card:** Locate the TF (microSD) card slot. Insert a formatted TF card (up to 32GB, Class 10 recommended) with the gold contacts facing down until it clicks into place.
3. **Insert SIM Card (for 2G models):** If your model supports 2G network functionality (HC-700M 2G), insert a valid 2G SIM card into the SIM card slot. Ensure the SIM card is active and has sufficient credit/data for transmission.
4. **Attach Antenna:** Screw the provided antenna firmly into the antenna port at the top of the camera.
5. **Power On:** Slide the power switch from OFF to **TEST** mode. The LCD screen will illuminate, allowing you to configure settings.
6. **Configure Settings:** Use the camera's buttons and LCD screen to set the date, time, capture mode (photo, video, or photo+video), resolution, PIR sensitivity, and other desired parameters. Refer to the "Operating Instructions" section for details on menu navigation.
7. **Switch to ON Mode:** After configuration, slide the power switch from **TEST** to **ON**. The camera will enter monitoring mode, indicated by a brief LED flash, and the screen will turn off. The camera is now ready to detect motion and capture images/videos.

5. Operating Instructions

5.1. Modes of Operation

- **OFF:** Power off the camera.
- **TEST:** Allows access to the camera's menu for settings configuration, viewing captured media, and manual photo/video capture. The PIR sensor is active in this mode for testing.
- **ON:** The camera enters active monitoring mode. The LCD screen turns off, and the camera will automatically capture photos or videos based on motion detection (PIR sensor) and configured settings.

5.2. Menu Navigation

In **TEST** mode, use the navigation buttons (Up, Down, Left, Right, OK/Menu) to browse through the settings menu on the 2.0" LCD. Press **OK/Menu** to enter a setting and **OK/Menu** again to confirm changes or exit.

5.3. Capture Settings

- **Mode:** Select Photo, Video, or Photo+Video.
 - *Photo:* Captures still images.
 - *Video:* Records video clips.
 - *Photo+Video:* Captures a photo followed by a video clip.
- **Photo Resolution:** Set image quality (e.g., 12MP, 8MP, 5MP). Higher resolution results in larger file sizes.
- **Video Resolution:** Set video quality (e.g., 1080P, 720P).
- **PIR Sensitivity:** Adjust the sensitivity of the Passive Infrared (PIR) motion sensor (Low, Medium, High). Higher sensitivity detects smaller movements or movements at greater distances, but may lead to more false triggers.
- **Trigger Interval:** Set the delay between consecutive triggers after a detection event.
- **Night Vision:** The camera automatically switches to infrared night vision mode in low-light conditions using its 48 IR LEDs. Ensure no obstructions block the IR LEDs for optimal night performance.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and PIR sensor window. Do not use abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the camera will not be used for an extended period to prevent leakage. Use high-quality alkaline or rechargeable batteries.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **TF Card Management:** Regularly format the TF card to ensure optimal performance and prevent data corruption. Back up important files before formatting.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Low or dead batteries; incorrect battery polarity; power switch in OFF position.	Replace batteries; check battery orientation; ensure switch is in TEST or ON.

Problem	Possible Cause	Solution
No images/videos captured.	TF card full or not inserted; incorrect mode selected; PIR sensitivity too low; camera not in ON mode.	Insert/format TF card; select Photo/Video mode; increase PIR sensitivity; switch to ON mode.
Poor night vision quality.	IR LEDs obstructed; objects too close to camera; low battery power.	Clear obstructions; ensure proper distance from subjects; replace batteries.
Camera triggers too often (false triggers).	PIR sensitivity too high; camera facing moving branches or heat sources.	Decrease PIR sensitivity; reposition camera to avoid false triggers.
2G transmission issues.	No SIM card; inactive SIM; poor network signal; incorrect APN settings.	Insert active SIM; check network coverage; configure APN settings (refer to network provider).

8. Specifications

Feature	Detail
Model	HC-700M
Category	Smart Monitoring
Focal Length	6MM (Standard)
Use Environment	Indoor and Outdoor
Effective Distance (PIR)	10m - 30m
Resolution	1.3 million (960P) for video, up to 12MP for photos
Network Protocol	GSM (2G)
Mobile APP Support	Not supported
Display	2.0" LCD
Night Vision	Infrared LEDs (48 night light beads)
Power Supply	AA Batteries (not included) or 6V DC external input
Storage	TF Card (MicroSD), up to 32GB
Dimensions	Approx. 16.6cm (H) x 8cm (W) x 3.5cm (D)

9. Warranty and Support

For any questions, technical support, or warranty inquiries regarding your fgfgkijbhgmsedfod HC-700M Wildlife Trail Camera, please contact the manufacturer or seller through the platform where the product was purchased. Please have your product model (HC-700M) and purchase details ready when contacting support.

