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› WiMiUS H6 Trail Camera User Manual

WiMiUS H6

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MODEL: H6

Introduction

Welcome to the WiMiUS H6 Trail Camera User Manual. This guide provides detailed instructions for setting up, operating, and maintaining your WiMiUS H6 Trail Camera. Please read this manual thoroughly to ensure proper use and to maximize the performance of your device. The WiMiUS H6 is designed for various applications including wildlife monitoring, hunting, farm surveillance, and home security.



Figure 1: Front view of the WiMiUS H6 Trail Camera, showcasing its camouflage design and lens array.

Product Overview

Key Features

- **16MP Clearer Image + 1080P Sharper Video Resolution:** Captures 16 Mega Pixel crystal images and full HD 1080P videos, with clear and colorful images during the day and high-resolution black and white images at night.
- **Excellent Night Vision Mode:** Utilizes advanced 940nm infrared technology and 100% invisible light for discreet night captures without attracting animal attention.
- **Very Fast Shutter:** Features a 120° wide-angle lens, 65-foot detection range, and 0.5-second trigger speed, capable of taking 3 continuous photos.
- **IP66 Waterproof & Reliable:** Sturdy mechanical design with IP66 waterproof rating, operating in temperatures from -15°C to 60°C.
- **Versatile Applications:** Suitable for deer hunting, scouting, wildlife monitoring, farm observation, and security surveillance.

Package Contents

- Trail Camera (1)
- Metal bracket (1)
- Belt (1)
- USB cable (1)
- Long screw for metal bracket (3)
- Plastic expansion tube (3)
- Instruction manual (1)



Figure 2: All items included in the WiMiUS H6 Trail Camera package, such as the camera, mounting accessories, and cables.

Setup

Battery and Power Supply

The WiMiUS H6 Trail Camera requires 8 Pcs 1.5V AA batteries (not included) or an external power supply (not included). For external power, use a DC 6V/2.0A supply with a 3.5MMx1.3MM Coaxial DC Interface. Solar panel power is also supported.

SD Card Installation

1. Ensure the camera is powered off.
2. Locate the SD/SDHC card slot.
3. Turn on the SD/SDHC card switch (UP).
4. Insert a Class 6 or faster SD/SDHC card (max support 32GB) into the slot. If using a micro-SD card, an adapter is required.

Initial Preparation

- Before first use, remove the blue protective film from the camera lens and sensors.



Figure 3: Diagram illustrating the various components of the WiMiUS H6 Trail Camera, including the lens, infrared lights, PIR sensor, display, and battery compartment.

Operating Instructions

Modes of Operation

- **OFF Mode:** The camera is powered off. Use this mode for battery installation, SD card insertion, or when not in use.
- **TEST Mode:** Allows you to access the camera's menu, view captured media, and adjust settings. The screen will be active in this mode.
- **ON Mode (Working Mode):** The camera is active and ready to capture images or videos based on motion detection. In this mode, the screen will turn black after a short period to conserve power and avoid detection. To exit ON mode, press the "OFF" or "TEST" button.

Capturing Images and Videos

The WiMiUS H6 captures high-quality images and videos with its 16MP camera and 1080P video capabilities. The 0.5-second trigger speed ensures that fast-moving subjects are captured effectively. The 120° wide-angle lens provides a broad field of view.



Figure 4: Comparison of image quality between 1080P/12MP and 720P/8MP settings, demonstrating the clarity of higher resolution captures.

Night Vision Functionality

The camera's 940nm no-glow infrared LEDs provide clear black and white images and videos in complete darkness without emitting a visible flash, making it ideal for discreet observation.



Figure 5: Examples of images captured by the WiMiUS H6 Trail Camera during the day (color) and at night (black and white infrared).

Maintenance

Cleaning the Camera

- Gently wipe the lens and PIR sensor window with a soft, lint-free cloth to remove dust or smudges.
- Avoid using abrasive cleaners or solvents that could damage the camera's surface or lens.

Water Resistance

The camera has an IP66 waterproof rating, protecting it from dust ingress and powerful water jets. While it is designed to withstand various weather conditions, avoid submerging the camera in water.

MULTIPLE FUNCTIONS



Figure 6: The WiMiUS H6 Trail Camera mounted on a tree, illustrating its robust design and IP66 waterproof capability for outdoor use.

Storage

When not in use for extended periods, remove batteries and store the camera in a cool, dry place away from direct sunlight.

Troubleshooting

Common Issues and Solutions

- **Camera not powering on:** Check battery orientation and charge level. Ensure external power supply (if used) is correctly connected and providing sufficient power.
- **Poor image/video quality:** Ensure the lens is clean. Check settings for resolution and night vision mode. Verify sufficient lighting for day captures.
- **SD card error:** Ensure the SD card is properly inserted and the switch is in the UP position. Format the SD card in the camera's settings menu. Try a different SD card (Class 6 or faster, max 32GB).
- **No motion detection:** Adjust PIR sensitivity settings. Ensure the camera is positioned correctly within the detection

range (up to 65 feet). Clear any obstructions in front of the PIR sensor.

- **Short battery life:** Use high-quality 1.5V AA batteries. Consider using an external power supply or solar panel for prolonged use. Reduce the frequency of captures or video length in settings.

For more detailed troubleshooting, please refer to the comprehensive manual included in your package.

Technical Specifications

Model Name	H6
Image Resolution	16 Megapixels
Video Resolution	1080p HD
Night Vision	940nm No Glow Infrared
Trigger Speed	0.5 seconds
Viewing Angle	120 Degrees
Night Vision Range	65 Feet (20 meters)
Water Resistance Level	IP66 Waterproof
Storage	SD/SDHC Card (max 32GB, Class 6 or faster)
Power Source	8 x 1.5V AA Batteries or DC 6V/2.0A External Power Supply
Operating Temperature	-15°C to 60°C
Material	Metal
Connectivity Technology	Wireless (Wi-Fi)

Warranty and Customer Support

WiMiUS offers a 30-day money-back guarantee and a 24-month warranty for the H6 Trail Camera. In case of any defective issues, a new replacement will be provided.

For technical assistance, troubleshooting, or warranty claims, please contact our professional customer service team. We aim to respond within 24 hours.

You can visit the official WiMiUS store for more information and support:[WiMiUS Official Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question