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› Highwild Trail Game Camera HT33 User Manual

Highwild HT33

Highwild Trail Game Camera HT33 User Manual

Model: HT33

1. INTRODUCTION

The Highwild Trail Game Camera HT33 is designed for wildlife monitoring, hunting scouting, and property surveillance. It captures high-resolution images and videos with advanced features like a rapid trigger speed and robust weather resistance. This manual provides detailed instructions to help you set up, operate, and maintain your camera effectively.



Image 1.1: Front view of the Highwild Trail Game Camera HT33, showcasing its camouflage design and lens.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Highwild Hunting Camera
- 1 x Strap
- 1 x USB Cable
- 1 x AV Cable
- 1 x Wall bracket
- 1 x Instruction Manual



Image 2.1: Illustration of all included accessories and a detailed diagram of the camera's components.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Highwild Trail Game Camera:

2.4" TFT Color LCD: For viewing images, videos, and navigating menus.

Keypad: Buttons for menu navigation, playback, and settings.

Lens: Captures images and videos.

IR LEDs: Provide illumination for night vision.

PIR Sensors: Detect motion to trigger recording.

Battery Slot: Holds 4xAA batteries, expandable to 8xAA.

TF Card Slot: For inserting a Micro SD card (up to 256GB, Class 6 or above).

DC Port (6V/1.5A): For external power supply.

Mini USB Port: For connecting to a computer.

AV Cable Port: For connecting to a TV or monitor.

Mode Switch: To select operating modes.

Tripod Socket: For mounting on a tripod.



Image 3.1: A comprehensive diagram labeling all external ports, buttons, and internal compartments of the camera.

4. SETUP GUIDE

4.1. Battery Installation

1. Open the camera casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 4 or 8 (recommended for extended use) 1.5V AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment securely.

4.2. TF Card Insertion

1. Locate the TF card slot inside the camera.
2. Insert a Class 6 or higher Micro SD (TF) card (up to 256GB) with the gold contacts facing down.

3. Push the card in until it clicks into place.
4. **Important:** Format the memory card before first use through the camera's menu settings to ensure compatibility and optimal performance.

4.3. Mounting the Camera

The camera offers multiple mounting options:

- **Strap:** Thread the included strap through the camera's mounting slots and secure it around a tree or pole.
- **Wall Bracket:** Use the provided wall bracket and screws to mount the camera on a flat surface.
- **Tripod:** Attach the camera to any standard tripod using the tripod socket at the bottom.



Multiple Application Scenes

You could apply the user-friendly device to indoor/outdoor activities, such as hunting, wildlife monitoring, farm burglar, home security and property surveillance.

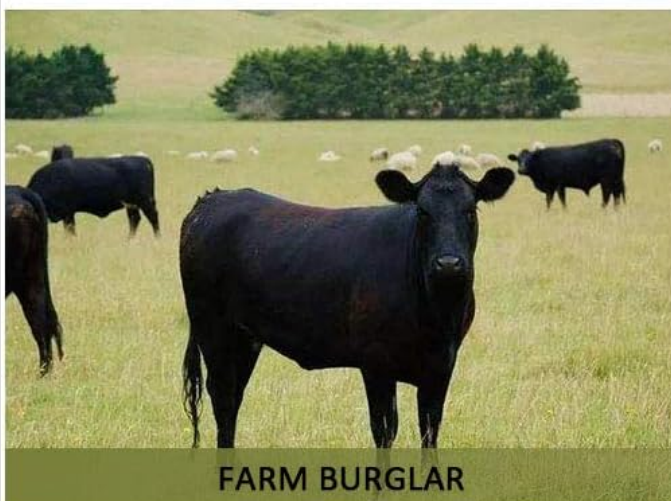


Image 4.1: Examples of camera placement for hunting, wildlife monitoring, farm security, and home security.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off and Mode Selection

1. To power on, slide the mode switch to the 'ON' position. The LCD screen will light up.

2. To power off, slide the mode switch to the 'OFF' position.
3. The camera has different modes (e.g., Setup, ON, Test). Use the mode switch to select the desired operation.

5.2. Menu Navigation and Settings

Use the keypad buttons (MENU, SHOT, PLAY, OK, and directional arrows) to navigate the 2.4" LCD menu and adjust settings such as:

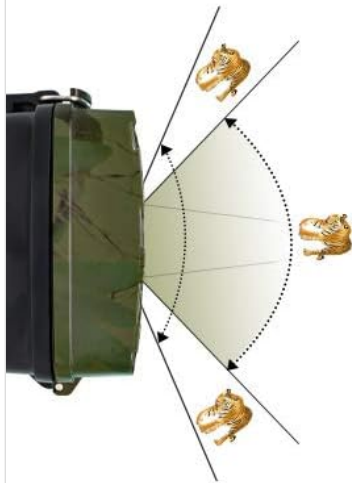
- **Photo Resolution:** 20M/16M/12M/8M/5M/3M
- **Video Resolution:** 3840x2160/10fps; 2688x1520/20fps; 1920x1080/30fps; 1280x720/60fps; 1280x720/30fps
- **Trigger Interval:** 5s-60min programmable
- **Video Length:** 3sec-10min programmable
- **PIR Sensing Angle:** On/Off; Main PIR + Side PIR = 100°
- **PIR Sensitivity:** High/Normal/Low
- **Shooting Numbers:** 1/2/3/10 (for burst photos)
- **Date/Time Stamp:** Enable/disable date, time, moon phase, and temperature icons on photos/videos.

5.3. Capturing Images and Videos

Once configured, the camera will automatically capture images or videos when motion is detected within its 100° sensing range. The 0.3-second trigger speed ensures minimal delay.

Super Fast Trigger Speed

0.3S trigger time record every breathtaking moments



0.3S Trigger Speed with 3 PIR Sensors

VS



0.5S Trigger Speed with 1 PIR Sensor

Image 5.1: Visual representation of the camera's fast 0.3-second trigger speed, capturing fast-moving subjects effectively.

5.4. Night Vision

The camera utilizes low-glow black IR LEDs for night vision, allowing it to capture clear black-and-white images and videos in low-light conditions without disturbing wildlife. The effective range is 1.5m-20m at night.

Sharper Day & Night Shots

Day Time Shot



Night Time Shot



Image 5.2: Examples of image quality during daytime (color) and nighttime (black and white) conditions.

5.5. Reviewing Media

You can review captured photos and videos directly on the camera's 2.4" LCD screen using the 'PLAY' button and navigation keys. Alternatively, remove the TF card and insert it into a computer's card reader, or connect the camera directly to a PC using the Mini USB cable.

6. MAINTENANCE

6.1. Cleaning

Gently wipe the camera lens and body with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the camera's surface or lens coating.

6.2. Weather Resistance

The camera has an IP66 waterproof and dustproof rating, protecting it from rain and dust. While designed for outdoor use, avoid submerging the camera in water.



Image 6.1: The camera's IP66 rating ensures protection against dust and strong jets of water, making it suitable for various weather conditions.

6.3. Battery and Memory Card Management

Regularly check battery levels and replace them when low to ensure continuous operation. Periodically back up data from your TF card and format it to maintain optimal recording performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Low or dead batteries; incorrect battery polarity; mode switch in 'OFF' position.	Replace batteries; ensure correct polarity; slide mode switch to 'ON'.
Camera not recording or saving to SD card.	TF card full; TF card not formatted; incompatible TF card; TF card error.	Format TF card; use a Class 6 or higher TF card (up to 256GB); check for TF card errors.

Problem	Possible Cause	Solution
Poor night vision quality.	Subject too far; IR LEDs obstructed; low battery power affecting IR performance.	Ensure subject is within 20m range; clear any obstructions from IR LEDs; replace batteries.
Motion detection issues (missed triggers, false triggers).	PIR sensitivity setting too low/high; obstructions in detection zone; camera angle.	Adjust PIR sensitivity (High/Normal/Low); clear detection area; reposition camera.
Date/Time stamp incorrect.	Date/Time not set in menu.	Access menu settings and set the correct date and time.

8. SPECIFICATIONS

Feature	Detail
Image Sensor	8MP CMOS
Photo Resolution	20M/16M/12M/8M/5M/3M
Video Resolution	3840x2160/10fps; 2688x1520/20fps; 1920x1080/30fps; 1280x720/60fps; 1280x720/30fps
Video & Image Format	AVI / JPEG
Lens	f=3.3; F/NO=2.0; FOV=110; Auto IR filter
Display Screen	2.4" TFT Color LCD
External Memory	TF card, class 6 above, up to 256GB (Not Included)
Trigger Interval	5s-60min programmable
Video Length	3sec-10min; Programmable
Range of IR Flash	82ft/25m
Effectiveness (Day/Night)	Daytime: 1m-infintive; Night time: 1.5m-20m
PIR Sensing Angle	On/Off; Main PIR + Side PIR=100°
PIR Sensitivity	High/Normal/Low
PC Interface	Mini USB2.0
Power Supply	4xAA Battery, Expandable to 8xAA, or external 6V power supply, at least 1.5A
Operation Temperature	-20°C to 60°C (-4°F to 140°F)
Operation Mode	Day/Night
Shooting Numbers	1/2/3/10
Built-in Microphone/Speaker	Yes
Waterproof & Dustproof Level	IP66

Feature	Detail
Temperature Compensation	Support
Item Weight	1.4 pounds
UPC	737269481003

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Highwild customer service directly. You can also visit the official Highwild store for more information: [Highwild Store on Amazon](#).

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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

you@example.com

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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