TOGUARD H50

TOGUARD H50 Trail Camera User Manual

Model: H50

INTRODUCTION

The TOGUARD H50 Game and Wildlife Trail Camera is an advanced device designed for capturing high-quality images and videos of wildlife or for surveillance purposes. It features a rapid 0.5-second trigger speed, 120-degree wide-angle detection, and infrared night vision capabilities, ensuring comprehensive coverage day and night. This manual provides detailed instructions for setting up, operating, and maintaining your H50 trail camera.

PRODUCT FEATURES

- **Ultra-Fast Trigger Speed:** Captures images in 0.5 seconds with a 1-second delay between triggers (for photos only) and up to 3 multi-shot photos.
- **High-Quality Imaging:** 12 Megapixel HD photos and Full HD 1080p video recording, providing clear color images during the day and black & white images at night.
- **Wide Detection & Night Vision:** Equipped with a 120° PIR motion detection angle, a 120° viewing angle lens, and 48 invisible 940nm infrared LEDs for a night vision range of up to 20 meters (65 feet).
- **User-Friendly Operation:** Pre-configured settings for most wildlife applications. Simple setup requiring only AA batteries and a Micro SD card. Remote control for easy adjustments.
- **Durable Design:** Robust, waterproof (IP54 rated) construction suitable for outdoor use over extended periods. Features a tripod thread and a strap mount for versatile placement.

PACKAGE CONTENTS

Please check the package for the following items:

- TOGUARD H50 Trail Camera
- Mounting Strap
- Remote Control
- USB Cable
- User Manual

Note: 4 or 8 AA 1.5V batteries and a Micro SD card (up to 32GB) are **not included** and must be purchased separately.

SETUP

1. **Battery Installation:** Open the battery compartment. Insert 4 or 8 new 1.5V AA batteries, ensuring correct polarity. Close the compartment securely.

2. **Micro SD Card Insertion:** Locate the Micro SD card slot. Insert a Micro SD card (Class 10 or higher, up to 32GB) with the contacts facing the correct direction until it clicks into place.

3. **Power On:** Switch the camera to the "ON" position. The camera will enter standby mode.

4. **Mounting the Camera:**

   - **Strap Mount:** Thread the provided mounting strap through the slots on the back of the camera and secure it to a tree or pole.
   - **Tripod Mount:** Use the 1/4-inch threaded insert on the bottom of the camera to attach it to a tripod or other compatible mounting accessory.

5. **Initial Settings (Optional):** While the camera has ideal default settings, you can use the remote control to access the menu and adjust parameters such as photo/video resolution, trigger interval, and multi-shot settings if desired.

OPERATING INSTRUCTIONS

Once powered on and in standby mode, the H50 camera is ready to detect motion and capture media. The camera's PIR sensor will trigger recording when motion is detected within its range.

- **Automatic Operation:** The camera will automatically capture photos or videos based on your selected mode and settings when motion is detected.

- **Accessing Settings:** Use the included remote control to navigate the camera's menu on the 2.0 TFT LCD screen. This allows you to change recording modes (photo, video, photo+video), resolution, video length, trigger interval, and other advanced settings.

- **Viewing Media:** To view captured images and videos, remove the Micro SD card from the camera and insert it into a compatible card reader connected to a computer or other viewing device.

- **Audio Recording:** Audio recording can be toggled on or off via the camera settings.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and PIR sensor window with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.

- **Battery Replacement:** Replace batteries when the low battery indicator appears or when performance degrades. Always use fresh, high-quality AA batteries.

- **SD Card Management:** Regularly check the Micro SD card capacity. Format the card periodically to maintain optimal performance and prevent data corruption. Back up important files before formatting.

- **Storage:** When not in use for extended periods, remove batteries and the SD card, and store the camera in a cool, dry place.

- **Water Resistance:** The camera is IP54 rated for water resistance, meaning it is protected against splashing water. However, avoid submerging the camera in water. Ensure all ports and compartments are securely closed.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera not powering on.	Check battery installation and ensure batteries are fresh. Verify the power switch is in the "ON" position.
No images/videos captured.	Ensure the Micro SD card is inserted correctly and has sufficient free space. Check PIR sensitivity settings. Verify the camera is in an active mode (not just setup).
Poor image/video quality at night.	Ensure there are no obstructions in front of the IR LEDs. Check battery level, as low power can affect IR performance.
Camera triggers too often or not enough.	Adjust PIR sensitivity settings in the menu. Consider camera placement to avoid false triggers from swaying branches or direct sunlight.
Remote control not working.	Ensure the remote's battery is functional. Point the remote directly at the camera's IR receiver.

SPECIFICATIONS

Feature	Detail
Image Sensor	12 Mega Pixels Color CMOS
LCD Display	2.0" TFT LCD Color
Video Resolution	1080p/30fps, 720p/30fps, 640x480/30fps
Video Length	10s/30s/60s/90s (configurable)
Video Format	AVI
Photo Resolution	12MP/8MP/5MP
Multi-Shot	1/3/6/9 Photos
Photo Format	JPEG
PIR Detection Angle	120 degrees
Lens Viewing Angle	120 degrees (F=3.1)
IR LEDs	48 Invisible 940nm LEDs
PIR Detection Distance	Up to 20 meters (65 feet)
Trigger Speed	0.5 seconds
Trigger Interval	1 second ~ 30 minutes (default 1 sec)
Waterproof Level	IP54
Storage	Micro SD card up to 32GB (not included)

Feature	Detail
Power Supply	4/8 Pcs 1.5V AA batteries (not included), supports 5-9V DC power in (solar power compatible)
Operating Temperature	-30°C ~ +70°C (-22°F ~ +158°F)
Language Support	English, French, German, Spanish, Russian

WARRANTY AND SUPPORT

TOGUARD products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official TOGUARD website. If you encounter any issues or require technical assistance, please contact TOGUARD customer support through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

For the latest support information and FAQs, please visit:www.toguard.cc

Documents - TOGUARD – H50

no relevant documents