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Strex SP48

Strex SP48 Wildlife Camera User Manual

Model: SP48 | Brand: Strex

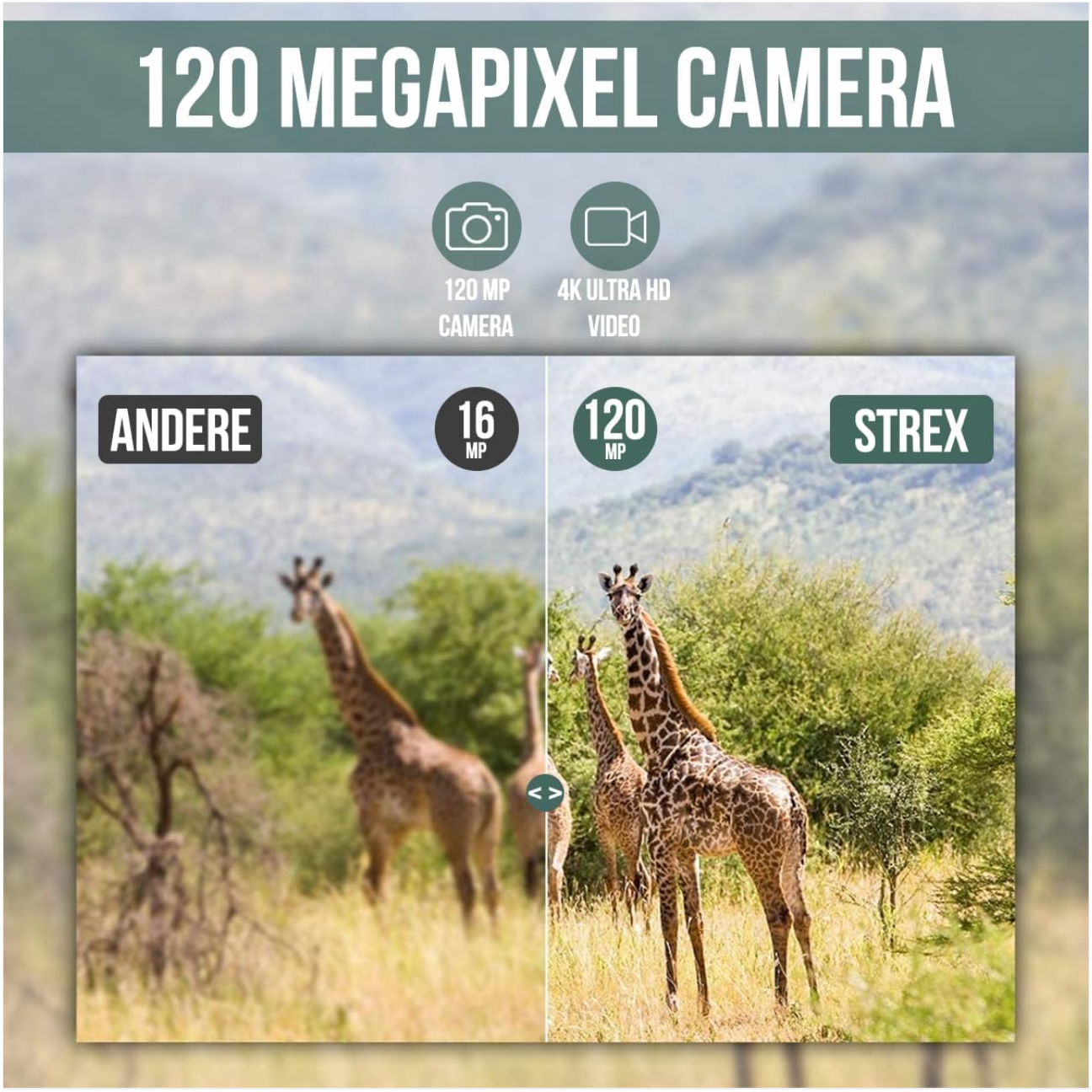
1. Introduction

Thank you for choosing the Strex SP48 Wildlife Camera. This advanced camera is designed to capture high-quality images and videos of wildlife in their natural habitat, day or night. With its robust, waterproof design and intelligent features, it is an ideal tool for nature observation, hunting, or property surveillance.

Please read this manual carefully before operating the camera to ensure proper use and optimal performance. Keep this manual for future reference.

2. Key Features

- **High-Resolution Imaging:** Capture stunning 36 MP photos (up to 120 MP interpolated) and 4K Ultra HD videos (1080p recording resolution).



The Strex SP48 camera offers exceptional image clarity and detail, capturing wildlife with high fidelity.

- **Rapid Motion Detection:** Features a sensitive motion detection system with an ultra-fast 0.2-second trigger speed, capturing up to 5 photos per second within a 25-meter range.



Capture fast-moving subjects with the camera's quick trigger and continuous shooting capabilities.

- **Advanced Night Vision:** Equipped with 36 invisible 940 Nm No-Glow infrared LEDs and 3 IR sensors, providing clear night vision up to 20 meters without disturbing wildlife.



Experience clear and discreet night monitoring with the camera's advanced infrared technology.

- **IP66 Waterproof Design:** The robust casing ensures the camera is completely waterproof and protected against dust, making it suitable for all weather conditions.



The IP66 rating ensures the camera's durability and performance in challenging outdoor environments.

- **Integrated LCD Screen:** View captured images and videos directly on the built-in LCD screen.
- **Wide-Angle Lens:** Features a 120° wide-angle lens for a broader detection and capture area.



The 120° wide-angle lens captures a comprehensive view of the monitored area.

- **Versatile Applications:** Ideal for hunting, wildlife discovery, animal monitoring, and property security.



The Strex SP48 is a versatile tool for various outdoor monitoring needs.

3. Package Contents

Ensure all items are present in the package:

- Strex SP48 Wildlife Camera
- USB Cable
- Mounting Strap
- 32 GB SD Card
- User Manual



Verify all components are included in your Strex SP48 Wildlife Camera package.

4. Product Diagram

Familiarize yourself with the different parts of your Strex SP48 Wildlife Camera:



1. **Photo Sensor:** Main light sensor for image capture.
2. **LED Indicator:** Status light.
3. **Latch:** Secures the camera housing.
4. **Lens:** Primary camera lens.
5. **PIR Sensor:** Passive Infrared motion sensor (main).
6. **Side PIR Sensors:** Additional motion sensors for wider detection angle.
7. **Display:** LCD screen for viewing and settings.
8. **Battery Compartment:** Holds the batteries.
9. **Settings Buttons:** Navigation and selection buttons for menu.
10. **SD Card Slot:** For inserting the memory card.
11. **USB Port:** For connecting to a computer.

5. Setup

5.1 Inserting Batteries

The Strex SP48 camera is powered by 6 Volts (battery powered). Open the battery compartment located at the bottom or side of the camera (refer to Product Diagram). Insert the required batteries, ensuring correct polarity (+/-). Close the compartment securely to maintain the waterproof seal.

5.2 Inserting the SD Card

Locate the SD card slot. Insert the provided 32 GB SD card (or another compatible SD card, up to 128GB, Class 10 or higher recommended) into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage. It is recommended to format the SD card via the camera's menu before first use.

5.3 Mounting the Camera

Use the included mounting strap to secure the camera to a tree, pole, or other stable surface. Ensure the camera is positioned at an appropriate height and angle to capture the desired area. Avoid placing the camera directly facing the sun or in areas with excessive movement (e.g., swaying branches) that could trigger false detections.

6. Operating Instructions

6.1 Powering On/Off

To power on the camera, slide the power switch to the 'ON' position. The camera will enter test mode or setup mode. To power off, slide the switch to 'OFF'.

6.2 Menu Navigation and Settings

In test mode, use the navigation buttons (refer to Product Diagram) to access the menu. Here you can adjust various settings:

- **Mode:** Select Photo, Video, or Photo+Video.
- **Photo Resolution:** Set image quality (e.g., 36MP, 120MP interpolated).
- **Video Resolution:** Set video quality (e.g., 4K, 1080p).
- **PIR Sensitivity:** Adjust motion sensor sensitivity (High, Medium, Low).
- **Trigger Interval:** Set the delay between detections.
- **Time Lapse:** Enable time-lapse mode for continuous recording at set intervals.
- **Date & Time:** Set the current date and time.
- **Format SD Card:** Erase all data on the SD card.

6.3 Capturing Images/Videos

Once settings are configured, switch the camera to 'ON' (or 'ARM' if available). The camera will then enter monitoring mode. It will automatically capture images or videos based on motion detection and your selected settings.

6.4 Viewing Media

You can view captured media directly on the camera's LCD screen by navigating to the playback mode in the menu. Alternatively, connect the camera to your computer using the provided USB cable, or remove the SD card and insert it into a card reader on your computer to access the files.

7. Maintenance

- **Cleaning:** Gently wipe the lens and PIR sensors with a soft, dry cloth to remove dust or smudges. Do not use abrasive cleaners.
- **Battery Check:** Regularly check battery levels via the camera's display. Replace batteries when low to ensure continuous operation.

- **Waterproof Seals:** Periodically inspect the rubber seals around the battery compartment and ports to ensure they are clean and intact. This maintains the camera's IP66 waterproof rating.
- **SD Card Management:** Format the SD card regularly to prevent data corruption and ensure optimal performance. Back up important files before formatting.
- **Storage:** When not in use for extended periods, remove batteries and store the camera in a cool, dry place.

8. Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Low or dead batteries; incorrect battery insertion.	Replace batteries; ensure correct polarity.
Poor image/video quality.	Dirty lens; low light conditions; incorrect resolution settings.	Clean lens; ensure adequate lighting; adjust resolution settings.
Camera not detecting motion.	PIR sensitivity too low; obstructions in detection zone; camera positioned too high.	Increase PIR sensitivity; clear detection path; adjust camera height/angle.
SD card error.	SD card full; corrupted; incompatible.	Format SD card (backup data first); try a different, compatible SD card.
Excessive false triggers.	PIR sensitivity too high; heat sources; swaying branches.	Decrease PIR sensitivity; reposition camera away from heat sources or moving foliage.

9. Specifications

Feature	Detail
Model	SP48
Image Resolution	36 MP (up to 120 MP interpolated)
Video Resolution	4K Ultra HD (1080p recording resolution)
Trigger Speed	0.2 seconds
Motion Detection Range	Up to 25 meters
Night Vision Range	Up to 20 meters (940 Nm No-Glow IR LEDs)
Water Resistance	IP66 Waterproof
Lens Angle	120° Wide-Angle
Power Source	6 Volts (Battery Powered)
Material	Plastic, Metal

Feature	Detail
Dimensions (L x W x H)	13.5 x 9 x 7.6 cm
Weight	480 grams
Connectivity	Wired, Wi-Fi (for specific functions)

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Information regarding spare parts availability is not provided in this manual. For any technical assistance or inquiries, please reach out to Strex customer service through their official channels.

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.

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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