MAXDONE PH970S-218

MAXDONE Solar Trail Camera Instruction Manual

Model: PH970S-218

Brand: MAXDONE

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your MAXDONE Solar Trail Camera. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

2. Package Contents

Verify that all items listed below are included in your package:

- 1x WiFi Solar Trail Camera
- 1x Stand Mount & Stand Support & 3x Bolts & Stoppers & 1x Installation Belt
- 1x 32GB Micro SD card (pre-installed in the camera)
- 1x Type-C Cable
- 1x User Guide

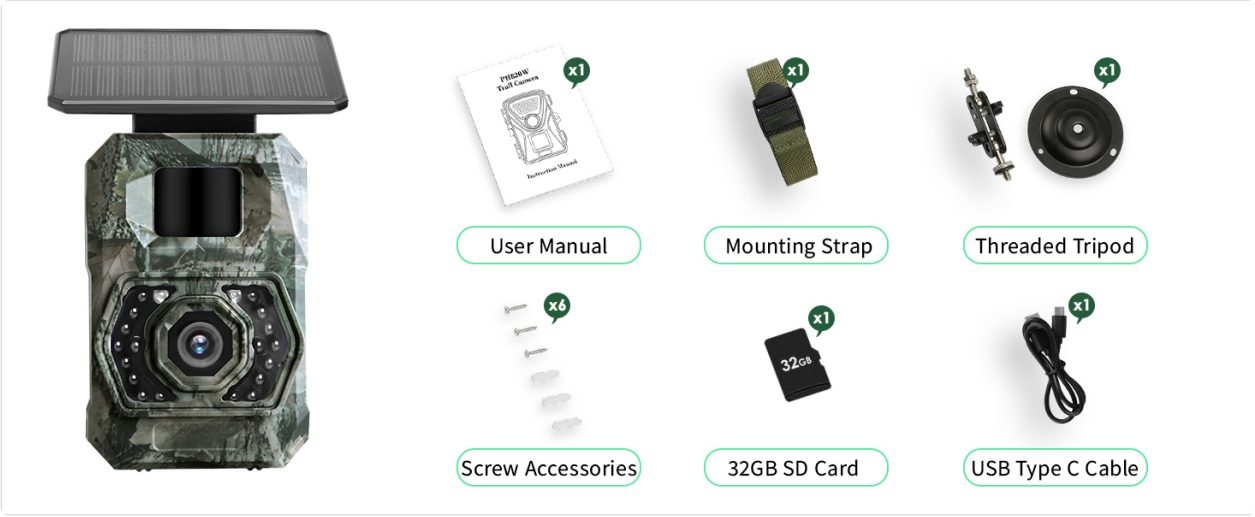

Figure 2.1: Included Package Contents

3. Product Overview

The MAXDONE Solar Trail Camera features an integrated design with a solar panel for continuous charging and a robust, waterproof casing suitable for outdoor use.

Figure 3.1: MAXDONE Solar Trail Camera

Key Components:

- **Solar Panel:** Located on top, charges the built-in lithium battery.
- **Camera Lens:** Central component for capturing images and videos.
- **Infrared LEDs:** Provide invisible illumination for clear night vision without disturbing wildlife.
- **Motion Sensor (PIR):** Detects movement within a 100° angle to trigger recording.
- **Micro SD Card Slot:** For storage of photos and videos (32GB card included).
- **USB-C Port:** For manual charging and data transfer.

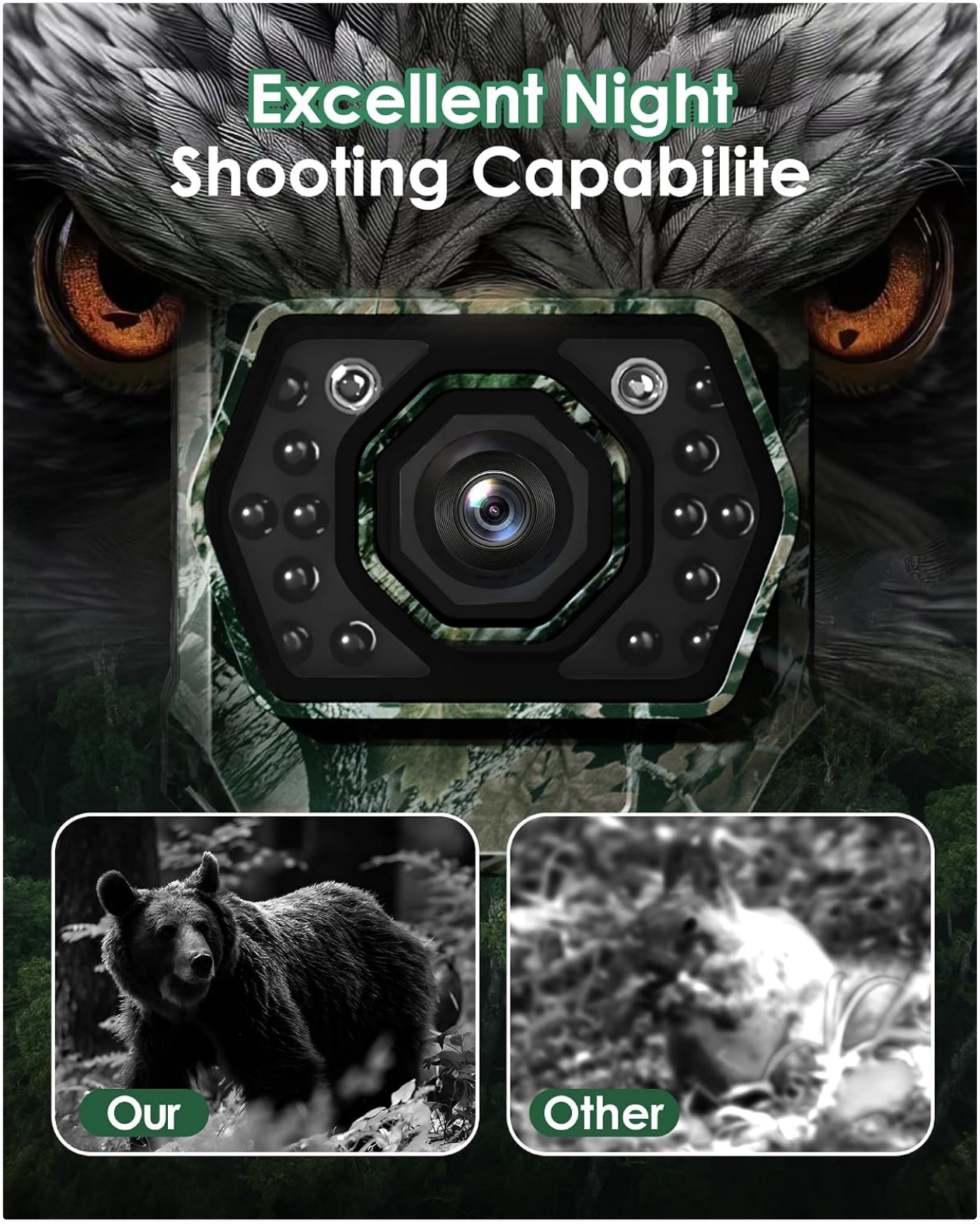

Figure 3.2: Camera Lens and Infrared System

4. Setup

4.1 Initial Charging

The camera features a built-in 5200mAh rechargeable lithium battery. While the solar panel provides continuous charging, it is recommended to fully charge the camera via the USB-C port before first use, especially if stored for extended periods or during low sunlight conditions.

Figure 4.1: Rechargeable Battery System

4.2 SD Card Installation

A 32GB Micro SD card is included and typically pre-installed. Ensure it is properly seated in the Micro SD card

slot located at the bottom of the camera. The camera supports up to 256GB memory cards.

4.3 Mounting the Camera

The camera can be mounted using the included installation belt around a tree or a pole, or with the threaded tripod mount for semi-permanent installations on flat surfaces.

Figure 4.2: Mounting on a Tree

5. Operating Modes

The camera offers three primary recording modes:

- **Time-Lapse:** Captures images at set intervals, useful for observing long-term changes or animal patterns.
- **Timer:** Allows you to set specific times for the camera to be active.
- **Motion Detection:** Triggers recording when movement is detected by the PIR sensor. This mode is ideal for capturing wildlife activity.

Figure 5.1: Playback of Captured Moments

6. App Control & Connectivity

The camera utilizes WiFi 6 and Bluetooth for seamless connectivity with your smartphone via a dedicated app (e.g., TrailCam Go app). This allows for direct Wi-Fi signal creation, enabling connection even without a home Wi-Fi network.

6.1 Live View & Data Transfer

Connect your phone directly to the camera's Wi-Fi signal to view live footage, take pictures, record videos, and download captured media directly to your phone. This eliminates the need to physically retrieve the SD card.

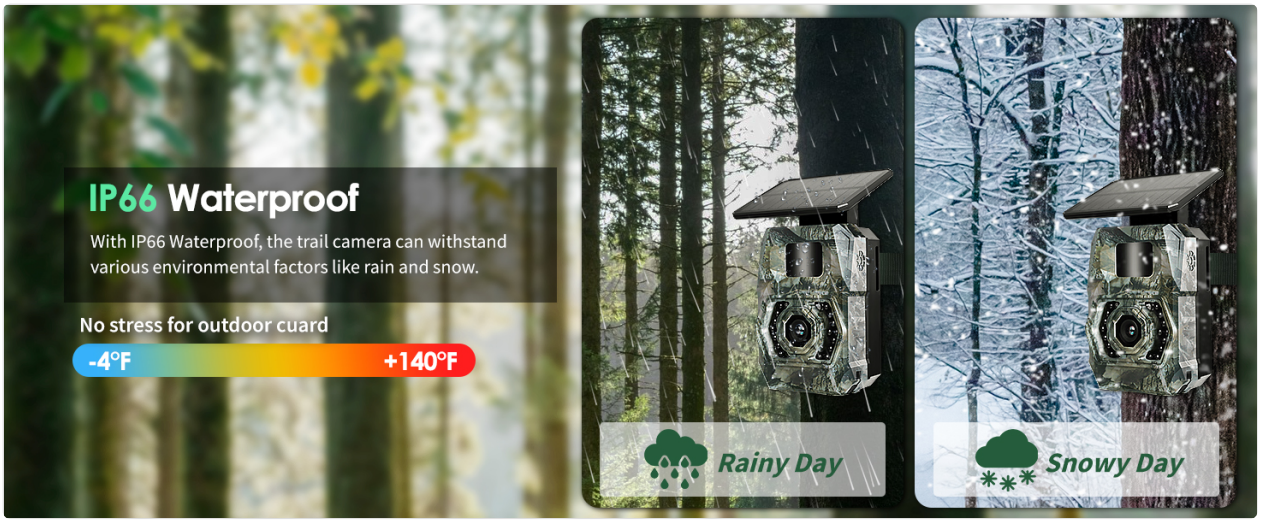

Figure 6.1: Live View via Smartphone App

6.2 Location Marking Feature

The app includes a location marking tool to log the camera's coordinates and view them on terrain maps. This assists in analyzing terrain, vegetation, and optimizing camera placement for effective wildlife monitoring.

Figure 6.2: Location Marking on Map

7. Imaging & Night Vision

The camera captures high-quality images and videos with advanced features:

- **Ultra HD Imaging:** 48MP photos and 1296p videos at 30fps with sound. H.264 video compression optimizes storage.
- **0.1-Second Lightning Capture:** Fast trigger speed and 100° detection angle ensure quick capture of moving subjects.
- **No Glow Infrared Technology:** Invisible IR LEDs capture clear nighttime footage without alerting wildlife or humans, making it suitable for discreet monitoring.

Figure 7.1: Ultra HD Imaging

Figure 7.2: Ultra-Fast Trigger Speed

Figure 7.3: HD Night Vision

8. Durability & Environment

The camera is designed for robust outdoor performance:

- **IP66 Waterproof & Dustproof:** Ensures protection against rain, snow, and dust, allowing reliable operation in various weather conditions.
- **Temperature Range:** Operates effectively in harsh temperatures from -4°F to 140°F (-20°C to 60°C).

Figure 8.1: IP66 Waterproof & Dustproof

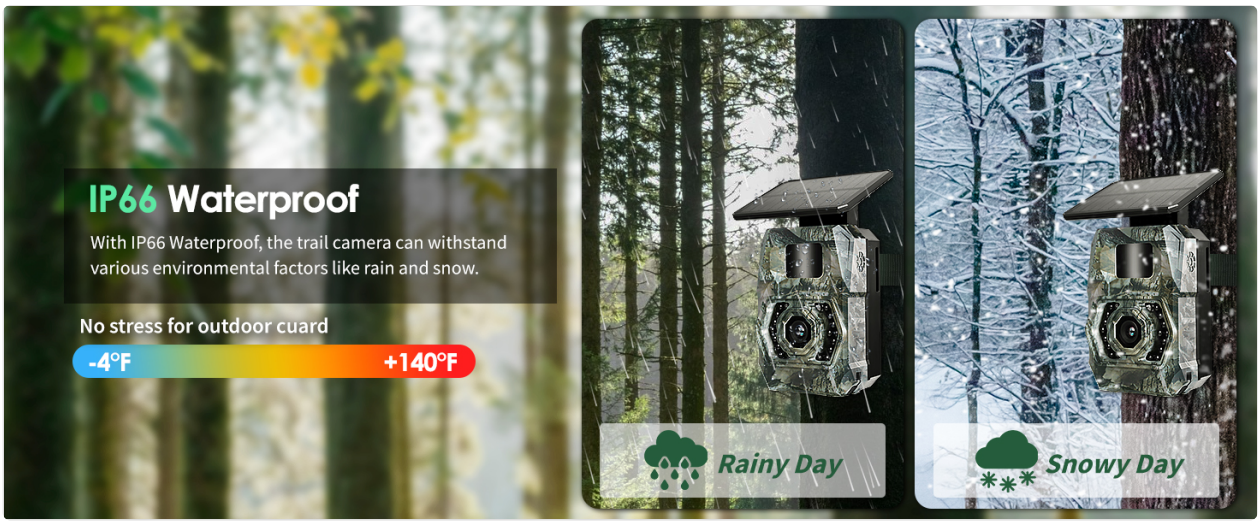

Figure 8.2: All-Weather Performance

9. Maintenance

- Regularly check the solar panel for debris or dirt and clean it to ensure efficient charging.
- Monitor battery levels via the app, especially during prolonged periods of low sunlight.
- Periodically check the SD card for storage capacity and transfer data to prevent it from becoming full.
- Ensure the camera's seals are intact to maintain its IP66 waterproof rating.

10. Troubleshooting

- **Camera Not Powering On:** Ensure the battery is charged. If using solar, confirm the panel is exposed to sufficient sunlight.
- **Poor Image/Video Quality:** Check for obstructions on the lens. Ensure the camera is within optimal range for night vision. Low battery can also affect quality.
- **WiFi Connectivity Issues:** Ensure your phone is within direct Wi-Fi range of the camera. The camera creates its own Wi-Fi signal and is not compatible with home Wi-Fi networks.
- **Motion Detection Not Triggering:** Verify the motion sensor is clear of obstructions. Adjust sensitivity settings in the app if necessary.

11. Specifications

Feature	Detail
Model Name	PH970S Solar Trail Camera
Effective Still Resolution	48 MP
Video Capture Resolution	1296p at 30fps
Video Encoding	H.264
Video Format	MP4
Power Source	Battery Powered, Solar Powered
Battery Capacity	5200mAh Rechargeable Lithium Battery

Connectivity Technology	WiFi & Bluetooth, Wireless
Detection Angle	100°
Trigger Speed	0.1 seconds
Night Vision Range	65 Feet
International Protection Rating	IP66 (Waterproof & Dustproof)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Storage	32GB Micro SD card included (supports up to 256GB)
Dimensions (L x W x H)	2.76 x 1.97 x 5.51 inches
Item Weight	1.06 pounds

12. Warranty & Support

MAXDONE is committed to customer satisfaction. Your MAXDONE Solar Trail Camera comes with:

- 360 days Replacement & Lifetime Service
- 24-Hour Customer Support
- 7 Days No Reason to Return

For any inquiries or support, please contact MAXDONE customer service.

Figure 12.1: MAXDONE Customer Support