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MAXDONE PH970S

MAXDONE Solar Trail Camera User Manual

Model: PH970S

		Introduction		Safety Information		What's in the	
Box	Setup	Operation	Maintenance	Troubleshooting	Specifications	Warranty & Support	

1. INTRODUCTION

Thank you for choosing the MAXDONE Solar Trail Camera. This advanced game camera is designed for outdoor surveillance and wildlife monitoring, featuring a solar panel for continuous power, WiFi and Bluetooth connectivity for easy data access, and high-resolution imaging capabilities. This manual provides detailed instructions to help you set up, operate, and maintain your camera for optimal performance.



Image: The MAXDONE Solar Trail Camera, showcasing its solar panel, included 32GB Micro SD card, and wireless connectivity to a smartphone displaying a captured image of a deer.

2. SAFETY INFORMATION

Please read all safety instructions before using the camera to prevent injury or damage. Keep this manual for future reference.

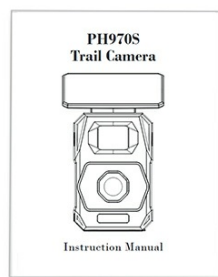
- Do not attempt to disassemble or modify the camera. This may void the warranty and cause damage.
- Keep the camera away from extreme temperatures, direct sunlight for prolonged periods (beyond normal operation), and corrosive materials.
- Ensure all ports are properly sealed when the camera is exposed to moisture or dust to maintain its IP66 waterproof rating.
- Use only the specified charging cable (Type-C) and power sources.
- Dispose of the camera and its components responsibly according to local regulations.

3. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- 1x MAXDONE WiFi Trail Camera
- 1x Integrated Solar Panel (attached to camera)
- 1x 32GB Micro SD Card (pre-installed in camera)
- 1x Type-C Charging Cable
- 1x Stand Mount & Stand Support
- 3x Bolts & Stoppers
- 1x Installation Belt
- 1x User Guide (this manual)

What's in the box?



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

Image: A visual representation of all items included in the product packaging, such as the camera, solar panel, SD card, cables, mounting accessories, and user manual.

4. SETUP

4.1. Charging the Battery

The camera features a built-in 5200mAh rechargeable battery and an integrated solar panel for continuous charging. For first-time use or after prolonged storage, it is recommended to fully charge the battery via the Type-C cable.

- **Via Type-C Cable:** Connect the provided Type-C cable to the camera's charging port and a standard USB power adapter (not included). The charging indicator will show progress.
- **Via Solar Panel:** Once deployed outdoors, the solar panel will automatically charge the internal battery when exposed to sunlight. Ensure the solar panel is positioned to receive maximum direct sunlight.

Solar and Rechargeable Power System

Save on batteries, lower costs, and relish non-stop surveillance



5200mAh



Solar Panel

365 DAYS

Image: The MAXDONE Solar Trail Camera highlighting its solar and rechargeable power system, showing the 5200mAh battery and solar panel for 365 days of operation.

Charging Methods



1 Type-C Cable



2 Solar Panel

Image: Illustration of the two charging methods: 1) via Type-C cable connected to a wall adapter, and 2) via the integrated solar panel in an outdoor setting.

4.2. Inserting the SD Card

The camera comes with a 32GB Micro SD card pre-installed. If you need to replace it or use a different one (up to 256GB), follow these steps:

1. Locate the SD card slot on the camera (usually under a protective cover).
2. Insert the Micro SD card with the gold contacts facing the correct direction (refer to the diagram near the slot).
3. Push the card gently until it clicks into place. To remove, push again until it springs out.

4.3. Mounting the Camera

The camera can be mounted using the provided installation belt or the stand mount.

- **Tree Mount (Installation Belt):** Thread the installation belt through the slots on the back of the camera and secure it around a tree or pole. Adjust for desired angle.
- **Stand Mount:** Attach the stand mount to the camera using the provided bolts. Secure the stand to a flat surface or use the stand support for ground placement.

4.4. App Installation and Connection

The camera connects wirelessly to your smartphone via the "TrailCam Go" app (available for iOS and Android). This allows for live viewing, photo/video management, and settings adjustment.

1. Download the "TrailCam Go" app from your smartphone's app store.
2. Ensure Bluetooth and WiFi are enabled on your smartphone.
3. Open the app and follow the on-screen instructions to connect to your camera. The camera uses its own WiFi signal, not your home WiFi.
4. The WiFi connection range is approximately 55 feet (16.76 meters) without obstacles.

WiFi Bluetooth Connection & APP Control



Image: The MAXDONE Solar Trail Camera demonstrating its WiFi and Bluetooth connection capabilities to a smartphone, indicating a connection range of up to 55 feet.

5. OPERATING THE CAMERA

5.1. Power On/Off

To power on the camera, slide the power switch to the ON position. The camera will enter monitoring mode. To power off, slide the switch to the OFF position.

5.2. Capturing Images and Videos

The camera features a motion-activated trigger system. When motion is detected within its 100° detection range and 65ft trigger distance, it will automatically capture images or videos based on your settings.

- **Resolution:** Captures 48MP still images and 1296P@30fps video.

- **Trigger Speed:** Ultra-fast 0.1s trigger speed ensures quick capture of moving subjects. You can set it to take 1 to 5 shots per trigger event.
- **H.264 Video:** Efficient compression for high-quality video with smaller file sizes.

Higher 48MP Images & 1296P@30fps UHD Video

1296P

Day time



10°C/50°F 15/06/2024 04:49:54

48MP

Night time



10°C/50°F 15/06/2024 04:49:54

Image: Examples of high-resolution images captured by the camera, showing a 1296P daytime video frame of a rabbit and a 48MP nighttime image of a raccoon.

0.1S Ultra Fast Trigger Speed

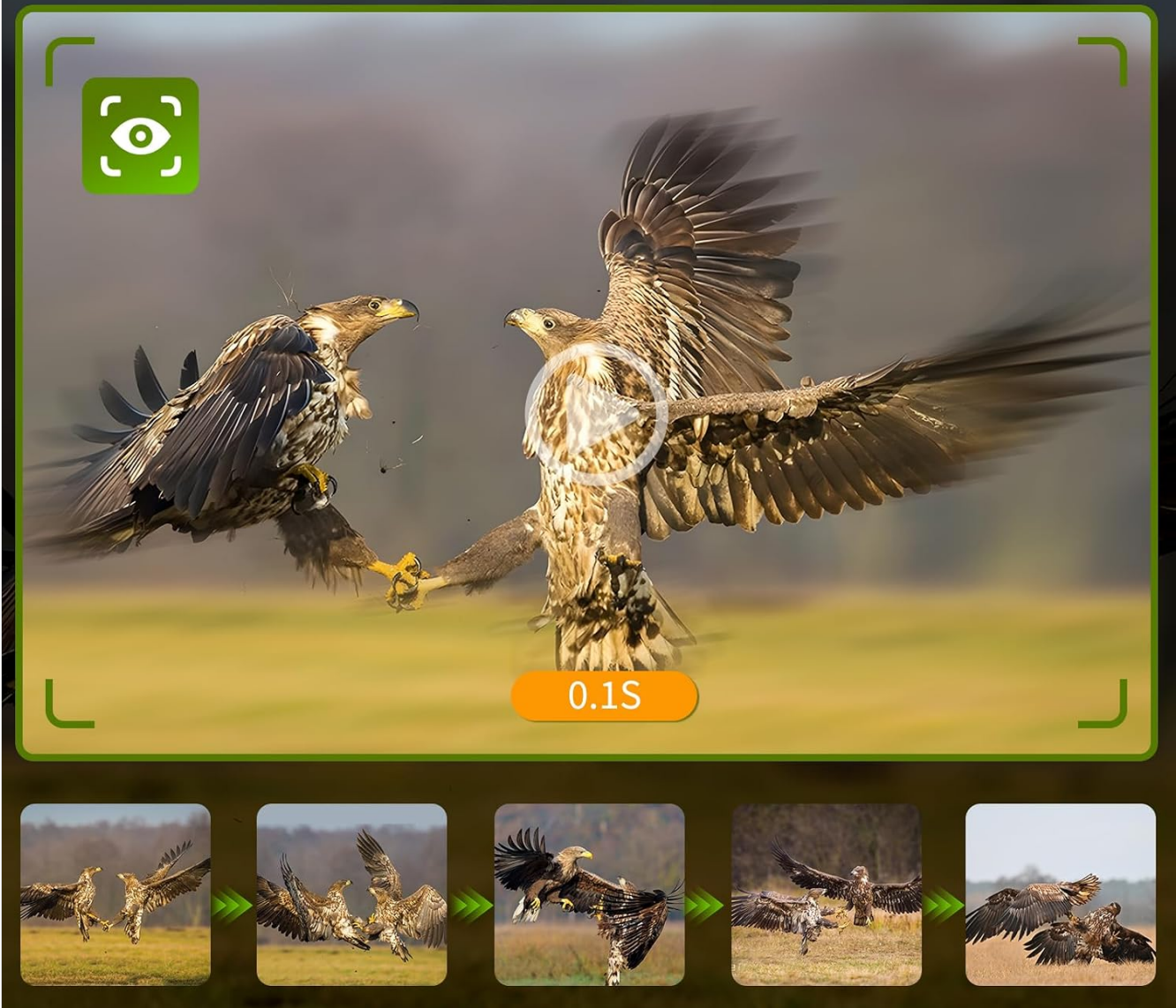


Image: A visual demonstration of the camera's 0.1-second ultra-fast trigger speed, capturing a sequence of an eagle in flight.

5.3. Night Vision

The camera is equipped with 18pcs 850nm IR lights for no-glow night vision, allowing it to capture clear images and videos up to 65 feet in complete darkness without disturbing wildlife.

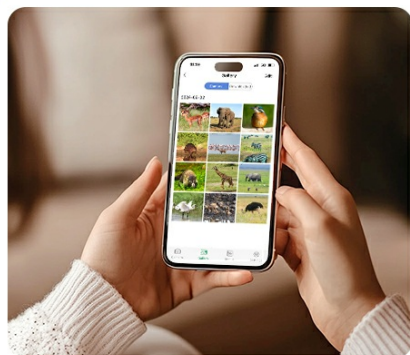


Image: An illustration demonstrating the camera's 65-foot advanced night vision capability, showing its infrared beam illuminating two small nocturnal animals.

5.4. App Features (TrailCam Go)

The "TrailCam Go" app provides comprehensive control and access to your camera's data.

- **View/Download/Share:** Browse captured images and videos, download them to your smartphone, or share them directly from the app.
- **Custom Shooting Areas:** Define specific detection zones to reduce unnecessary recordings and optimize battery life and storage.
- **Time Lapse:** Set the camera to automatically take photos at specified intervals and compile them into a video.
- **Map Function:** Mark the location of your camera on a map within the app, useful for navigating back to its position.
- **Settings Adjustment:** Modify camera settings such as photo/video mode, resolution, trigger interval, and more.



APP Connection



Type-C Data Cable Connection



Card Reader Connection

Image: Three methods for data transfer: APP Connection for wireless access, Type-C Data Cable Connection for direct transfer, and Card Reader Connection for accessing files via an external card reader.

6. MAINTENANCE

6.1. Cleaning

Regularly clean the camera lens, PIR sensor, and solar panel to ensure optimal performance. Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by drying.

6.2. Battery Care

While the solar panel provides continuous charging, ensure the camera receives adequate sunlight. If storing the camera for extended periods, fully charge the battery before storage and recharge every few months to maintain battery health.

6.3. Storage

When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures.

6.4. IP66 Waterproof Rating

The camera is designed with an IP66 waterproof rating, protecting it against dust and strong jets of water. This ensures reliable performance in various weather conditions, including rain, fog, ice, and snow. Always ensure the battery compartment and ports are securely closed.



Image: The MAXDONE Solar Trail Camera demonstrating its IP66 waterproof rating, showing it can withstand ice & snow, rain & fog, and dust & mud.

7. TROUBLESHOOTING

If you encounter issues with your MAXDONE Solar Trail Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; Power switch off; SD card issue.	Charge the battery fully. Ensure power switch is ON. Reinsert or replace SD card.

Problem	Possible Cause	Solution
Poor image/video quality.	Dirty lens; Incorrect settings; Insufficient light.	Clean the lens. Adjust resolution settings in the app. Ensure adequate lighting or proper night vision activation.
Cannot connect to app.	Camera WiFi/Bluetooth off; Out of range; App issue.	Ensure camera is ON and within 55ft. Restart camera and app. Check phone's WiFi/Bluetooth settings.
No motion detection.	PIR sensor blocked; Incorrect sensitivity settings; Object out of range.	Clear any obstructions from PIR sensor. Adjust PIR sensitivity in app. Ensure objects are within 65ft detection range.
Battery drains quickly.	Frequent triggers; Insufficient solar charging; Extreme temperatures.	Reduce trigger frequency/sensitivity. Reposition solar panel for more sun. Camera performance may vary in extreme cold/heat.

If the problem persists, please contact MAXDONE customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	PH970S Solar Trail Camera
Effective Still Resolution	48 MP
Video Capture Resolution	1296P@30fps (H.264)
Trigger Speed	0.1 seconds
Detection Range	100 Degrees (Viewing Angle)
Trigger Distance	65 Feet
Night Vision Range	65 Feet (18pcs 850nm IR LEDs)
Power Source	Built-in 5200mAh Rechargeable Battery, Solar Powered
Connectivity	WiFi, Bluetooth (App: TrailCam Go)
Water Resistance Level	IP66 Waterproof
Storage	Supports Micro SD card up to 256GB (32GB included)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions (L x W x H)	2.76 x 1.97 x 5.51 inches
Item Weight	1.06 pounds

9. WARRANTY & SUPPORT

MAXDONE products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included in your packaging or visit the official MAXDONE website.

For technical support, troubleshooting assistance, or any inquiries regarding your MAXDONE Solar Trail Camera, please contact our customer support team:

- **Email:** [Refer to product packaging or official website]
- **Website:** [Refer to product packaging or official website]

Please have your model number (PH970S) and purchase information ready when contacting support.