

MAXDONE PH960W-SGE

MAXDONE PH960W-SGE Solar WiFi Trail Camera User Manual

Model: PH960W-SGE

INTRODUCTION

Thank you for choosing the MAXDONE PH960W-SGE Solar WiFi Trail Camera. This camera is designed for wildlife observation, outdoor surveillance, and home security, offering high-resolution images and videos with advanced features like solar power, WiFi connectivity, and night vision. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

The camera features a 64MP photo resolution, 4K video recording with sound, a 0.1-second trigger speed, and 850nm low-glow LEDs for clear night vision. Its integrated 6000mAh lithium battery and flexible solar panel provide extended operation, while IP66 waterproofing ensures reliability in various weather conditions.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- MAXDONE PH960W-SGE Trail Camera
- Detachable Solar Panel (with 1.4m cable)
- USB Charging/Data Cable
- Mounting Strap
- Wall/Tree Mounting Bracket
- Screws for Mounting
- 32GB MicroSD Card
- User Manual (this document)

PRODUCT FEATURES

- **High-Resolution Imaging:** Captures 64 Megapixel still images and records 4K Ultra HD video with audio.
- **Fast Trigger Speed:** PIR sensor activates recording in 0.1 seconds.

- **Advanced Night Vision:** Equipped with 14 low-glow 850nm infrared LEDs for clear nighttime recording without disturbing wildlife.
- **Solar Power & Long Battery Life:** Features a detachable solar panel and an integrated 6000mAh lithium-polymer battery for extended operation and environmental friendliness.
- **WiFi & Bluetooth Connectivity:** Connects directly to the "TrailCam Go" mobile app via integrated WiFi and Bluetooth for remote viewing, downloading, and sharing of media within approximately 15 meters.
- **Durable Design:** IP66 waterproof rating ensures reliable performance in rain, snow, and heat.
- **Storage:** Supports up to 256GB MicroSD cards (32GB card included).
- **Versatile Functions:** Includes timestamp, timelapse, operating times, password protection, and loop recording.

SETUP

1. Battery and SD Card Installation

1. **Charge the Battery:** Before first use, fully charge the integrated 6000mAh lithium-polymer battery using the provided USB cable and a standard USB power adapter (not included). The solar panel will maintain the charge during outdoor use.
2. **Insert MicroSD Card:** Open the camera's housing. Locate the MicroSD card slot. Insert the included 32GB MicroSD card (or another compatible card up to 256GB) with the gold contacts facing the back of the camera until it clicks into place. Ensure the card is formatted before first use (refer to the Operating Instructions section).

2. Solar Panel Connection

Connect the detachable solar panel to the camera's designated power input port. The solar panel can be mounted independently in a sunny location using its 1.4m cable to ensure optimal charging, regardless of the camera's orientation.

3. Mounting the Camera

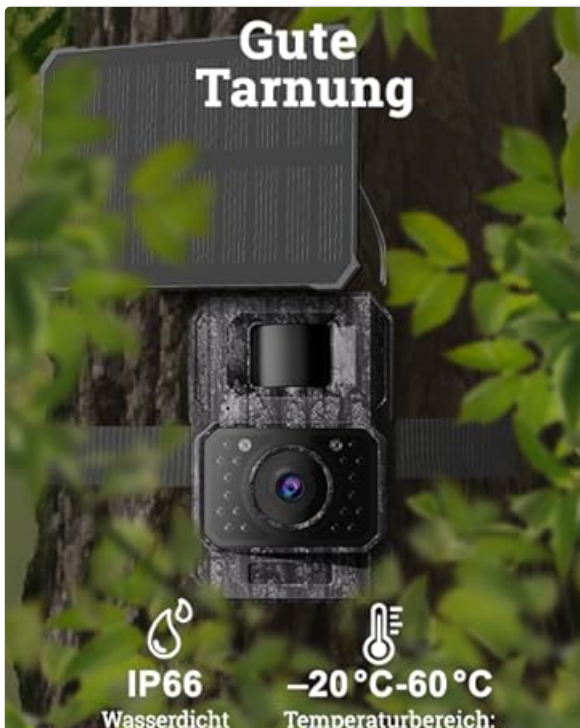


Image: MAXDONE PH960W-SGE Trail Camera mounted on a tree with its solar panel, highlighting its IP66 waterproof rating and operating temperature range of -20°C to 60°C.



Image: The trail camera secured to a tree using the provided mounting strap, demonstrating a typical outdoor installation.

The camera can be mounted using the included strap or the wall/tree mounting bracket and screws. Choose a location that provides a clear view of the area you wish to monitor and allows the solar panel to receive adequate sunlight.

- **Strap Mounting:** Thread the mounting strap through the slots on the back of the camera and secure it around a tree or pole.
- **Bracket Mounting:** Use the screws to attach the mounting bracket to a wall or tree. Then, attach the camera to the bracket. Adjust the camera angle as needed.

4. App Installation and Connection



Image: The trail camera connected to a smartphone running the 'TrailCam Go' app, illustrating the WiFi remote control feature.

1. **Download the App:** Search for "TrailCam Go" in your smartphone's app store (iOS or Android) and install it.
2. **Enable Camera WiFi/Bluetooth:** Turn on the camera. Activate its WiFi and Bluetooth functions (refer to the camera's internal menu or quick start guide for specific steps).
3. **Connect to App:** Open the "TrailCam Go" app. The app will use Bluetooth to discover the camera. Once discovered, it will prompt you to connect via the camera's integrated WiFi hotspot. Follow the on-screen instructions to establish the connection.
4. **Note:** The camera connects to your mobile phone via its own hotspot WiFi and does not support connection to home Wi-Fi networks. The connection range is approximately 15 meters.

OPERATING INSTRUCTIONS

1. Basic Operation

- **Power On/Off:** Use the power switch located inside the camera housing to turn the camera ON or OFF.
- **Mode Selection:** The camera typically has modes like 'OFF', 'SETUP', and 'ON' (or 'MONITOR'). Use 'SETUP' mode to configure settings and 'ON' to activate recording.
- **Menu Navigation:** Use the camera's internal buttons (usually 'MENU', 'UP', 'DOWN', 'LEFT', 'RIGHT', 'OK') to navigate through settings on the built-in screen.

2. Formatting the SD Card

It is recommended to format the MicroSD card before first use and periodically thereafter to ensure optimal performance and prevent data corruption.

1. In 'SETUP' mode, navigate to the 'Format SD Card' option in the menu.
2. Select 'Yes' and confirm to format the card. All data on the card will be erased.

3. Configuring Camera Settings

Access the camera's menu in 'SETUP' mode to adjust various parameters:

- **Mode:** Select 'Photo', 'Video', or 'Photo + Video'.

- **Photo Resolution:** Choose from available options, up to 64MP.
- **Video Resolution:** Choose from available options, up to 4K.
- **Video Length:** Set the duration for each video clip.
- **PIR Sensitivity:** Adjust the motion sensor sensitivity (Low, Medium, High) based on the environment.
- **PIR Interval:** Set the delay between consecutive triggers.
- **Operating Hours:** Define specific times of day for the camera to be active.
- **Time Lapse:** Enable time-lapse photography for long-term observation.
- **Timestamp:** Enable or disable date and time stamps on recordings.
- **Loop Recording:** If enabled, the camera will overwrite the oldest files when the SD card is full.
- **Password Protection:** Set a password to prevent unauthorized access to camera settings.

4. Using the "TrailCam Go" App

Once connected via WiFi, the app allows you to:

- **Live View:** See a real-time feed from the camera.
- **Browse Gallery:** View photos and videos stored on the SD card.
- **Download Media:** Transfer photos and videos directly to your smartphone.
- **Change Settings:** Adjust camera settings remotely.
- **Share Content:** Easily share captured moments.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and PIR sensor window with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Ensure the solar panel is clean and positioned to receive maximum sunlight for continuous charging. If storing the camera for an extended period, fully charge the battery and store it in a cool, dry place.
- **SD Card Management:** Periodically review and delete unnecessary files from the SD card to free up space and maintain performance. Reformat the card every few months.
- **Environmental Protection:** While the camera is IP66 waterproof, avoid submerging it in water. Ensure the housing is securely closed to prevent moisture ingress.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; Power switch off.	Charge the battery fully. Ensure the power switch is in the 'ON' or 'SETUP' position.
No photos/videos recorded.	SD card full/corrupted; PIR sensitivity too low; Camera in 'SETUP' mode; Incorrect settings.	Format the SD card. Increase PIR sensitivity. Switch camera to 'ON' mode. Verify recording settings (mode, resolution).
Poor night vision quality.	IR LEDs obstructed; Objects too far/close; Low battery.	Ensure IR LEDs are clear. Position camera appropriately. Ensure battery is sufficiently charged.
Cannot connect to "TrailCam Go" app.	Camera WiFi/Bluetooth off; Out of range; App issues.	Ensure camera WiFi/Bluetooth is enabled. Move closer to the camera (within 15m). Restart the app and camera.

Problem	Possible Cause	Solution
Solar panel not charging.	Insufficient sunlight; Panel obstructed/dirty; Cable disconnected.	Relocate the solar panel to a sunnier spot. Clean the panel surface. Check cable connection.

SPECIFICATIONS

Feature	Detail
Model Number	PH960W-SGE
Manufacturer	MAXDONE
Product Dimensions	7 x 5 x 10 cm
Weight	520 g
Battery Type	Integrated 6000mAh Lithium-polymer
Photo Resolution	Up to 64MP
Video Resolution	Up to 4K
Trigger Speed	0.1 seconds
Night Vision LEDs	14 x 850nm Low-Glow IR LEDs
Connectivity	WiFi, Bluetooth (for app connection)
App Compatibility	"TrailCam Go" (iOS/Android)
WiFi Range	Approx. 15 meters
Storage	MicroSD card, up to 256GB (32GB included)
Waterproof Rating	IP66
Operating Environment	Outdoor
Mounting Type	Tree mounting (strap/bracket)
Color	Taupe

SUPPORT AND WARRANTY INFORMATION

MAXDONE is committed to providing excellent customer service. For any questions, technical assistance, or warranty claims, please contact our support team.

- **Customer Support:** Available 24 hours for assistance.
- **Return Policy:** 7-day return without reason.
- **Replacement Service:** 365-day lifetime replacement service.

Please refer to your purchase documentation or the MAXDONE official website for the most up-to-date contact information and detailed warranty terms.

