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> [GOYOJO H881 Tracking Camera User Manual](#)

GOYOJO H881

GOYOJO H881 Tracking Camera User Manual

Model: H881

1. PRODUCT OVERVIEW

The GOYOJO H881 Tracking Camera is an advanced outdoor surveillance device designed for wildlife monitoring, security, and remote observation. It features high-resolution imaging, rapid trigger speed, night vision capabilities, and a robust waterproof design, making it suitable for various environmental conditions. The integrated solar charging option extends battery life for prolonged use.





Image 1.1: Overview of the GOYOJO H881 Tracking Camera, highlighting its main features including 21 million HD pixels, 2.4" TFT LCD, 0.2s trigger time, 25m trigger distance, IP66 waterproof rating, and up to 16 months standby time.

2. KEY FEATURES

- **High-Resolution Imaging:** Captures images up to 21 Megapixels and videos in 1080P resolution.
- **Fast Trigger Speed:** Detects motion and triggers recording in as fast as 0.2 seconds.
- **Night Vision:** Equipped with 40 IR LEDs for clear night recordings up to 25 meters.
- **Durable Design:** IP66 waterproof rating ensures reliable operation in harsh weather.
- **Integrated Display:** 2.4-inch TFT LCD screen for easy setup and playback.
- **Solar Charging:** Built-in solar panel for continuous power and extended battery life.

0.2S QUICK TRIGGER

When the animal approaches from the front, the trigger time is 0.2s
When the animal approaches from the side, the trigger time is 0.5s



Image 2.1: Illustration of the camera's quick trigger speed. The camera activates in 0.2 seconds when an animal approaches from the front and 0.5 seconds from the side.

2.4" TFT LCD SCREEN

Playback videos and pictures are clearer



Image 2.2: The 2.4-inch TFT LCD screen of the H881 camera, used for viewing captured photos and videos, and for navigating the camera's settings.

3. SETUP GUIDE

3.1. Battery Installation

1. Open the camera's battery compartment latch.
2. Insert 8 AA batteries (not included) into the designated slots, ensuring correct polarity (+/-).
3. Close the battery compartment securely to maintain the waterproof seal.

3.2. TF Card Insertion

1. Locate the TF card slot, typically next to the LCD screen.
2. Insert a TF (MicroSD) card (8MB-32GB, Class 6 or above recommended) with the gold contacts facing down until it clicks into place.
3. To remove, press the card gently until it springs out.

3.3. Mounting the Camera

- Use the included mounting strap or a tripod 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, avoiding direct sunlight on the lens.
- Verify that the solar panel is exposed to direct sunlight for optimal charging.

3.4. Powering On

- Switch the camera to the 'SETUP' mode to access the menu and configure settings.
- After configuration, switch to 'ON' mode for automatic operation.

4. OPERATING INSTRUCTIONS

4.1. Menu Navigation

- In 'SETUP' mode, use the 'MENU' button to enter the settings menu.
- Use the UP/DOWN arrow buttons to navigate through options and LEFT/RIGHT to change values.
- Press 'OK' to confirm selections.

4.2. Basic Settings

- **Date & Time:** Set the current date and time for accurate timestamps on recordings.
- **Mode:** Select 'Photo', 'Video', or 'Photo+Video' depending on your recording preference.
- **Image/Video Resolution:** Choose desired quality (e.g., 21MP for images, 1080P for video).
- **PIR Sensitivity:** Adjust to 'High', 'Normal', or 'Low' based on the environment to prevent false triggers.
- **Trigger Interval:** Set the delay between consecutive triggers.
- **Time Lapse:** Configure time-lapse settings if desired.

4.3. Viewing Playback

- In 'SETUP' mode, press the 'PLAY' button to enter playback mode.
- Use the UP/DOWN arrows to browse through recorded files.
- Press 'OK' to view an image or play a video.

5. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens, PIR sensor, and solar panel with a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- **Battery Check:** Monitor battery levels periodically, especially if not using the solar charging feature or during periods of low sunlight. Replace batteries when low.
- **TF Card Management:** Format the TF card regularly to ensure optimal performance and prevent data corruption. Back up important files before formatting.

- **Environmental Protection:** Ensure all latches and seals are properly closed to maintain the camera's waterproof integrity.

6. TROUBLESHOOTING

- **Camera Not Powering On:** Check battery installation and charge level. Ensure the power switch is in 'SETUP' or 'ON' position.
- **No Images/Videos Recorded:** Verify TF card is inserted correctly and has sufficient space. Check PIR sensitivity and trigger interval settings. Ensure the camera is in 'ON' mode.
- **Poor Image/Video Quality:** Clean the camera lens. Check resolution settings. Ensure adequate lighting for night vision.
- **PIR Not Triggering:** Adjust PIR sensitivity to 'High'. Ensure no obstructions are blocking the PIR sensor. Test in different environments.
- **Short Battery Life:** Ensure solar panel is clean and receiving direct sunlight. Reduce video length or frequency of recordings. Use high-quality AA batteries.
- **Camera Freezes:** Remove batteries and TF card, then reinsert. If issue persists, format the TF card.

7. SPECIFICATIONS

Model	H881W Hunting CAM
Highlight	8 Mega pixels Digital Camera
	1080P/25FPS video
	12 months Standby time
	20m range of IR flash
	Triggering time: 0.2 Second
	20m triggering distance
	Spray-water protected(IP protection class66)
Specification	
Image sensor	8 Mega pixels Digital Camera
Still image size	21MP(5616x3744);16MP(4608x3456);12MP(4000x3000);8MP(3264x2448);5MP(2592x1944);3MP(2048*1536)
Video clip	1920x1080/25fps;1280x720/30fps;720x480/30fps; 640x480/30fps;320x240/30fps
File format	JPG/AVI
Lens angle	f=3.3mm; F/NO 2.0; FOV=95; Auto IR filter
LCD Display	2.4" TFT
Memory	External memory(TF card, Class 6 Above, up to 32GB) / Internal memory(8Mx16 SDRAM)
Operation keypad	8 Keys
The number of IR lamp	42PCS
Range of IR flash	20m
Triggering distance	65ft/20m(Below 77° F/25° C at the Normal Level)
PIR sensitivity	High/Normal/Low
Prep PIR sensing angle	Main PIR(60°) + side PIR=120°
Triggering time	0.6 Second(When using the 4G SD card);Pre boot 0.2 Second
Trigger interval	5sec. - 60min;Programmable
Shooting numbers	1--3;
Video Length	3sec-10Minutes.; Programmable
Effectiveness	Daytime:1m-infinite;Night time:1.5m-20m
Camera+Video	First take Picture then Video
Time stamp	On/Off;Include serial No., temperatureand moon phase
Time lapse	On/Off; Time Lapse Programmable
Compressed video	TL Video Time Laps 3 Second ~ 24Hours
Target Recording Time	Time Laps 1 Second ~ 24Hours
Device serial No.	4 digits set by yourself
Build-in Microphone/Speaker	Yes
Auto-distinguish images	Color images in daytime/black & white night images
Automatic screen saver	Automatic screen saver in 2 minutes while no keypad controlling
TV-out	Yes
PC interface	Mini USB2.0
Power supply	8xAA dry battery. external power interface (6V / 1.5A)
Standby time	approx.12 months
Lockable	Optional
Password protection	4-Digit Numbers
Spray-water protected	Spray-water protected
Operating temperature	-20°C to +40°C
Storage Temperature	-20°C to +60°C
Dimensions & Weight	approx.136*90*76mm / 350g
Language	Chinese / English / French / German / Italy / Dutch / Spanish / Portuguese /Danish / Swedish / Suomi/Japanese
More than 500 can be upgraded to 940nm infrared, Cost add USD\$1 unit.	
1. The above quoted are not inclusive of VAT fares and free shipping	
2. Product warranty 12 months in accordance with national regulations (except wearing parts)	
3. Delivery: confirm before taking goods	
4. Quotes are valid for 30 days	

Image 7.1: Detailed technical specifications for the GOYOJO H881 Tracking Camera.

Feature	Specification
Image Sensor	8 Megapixel CMOS Sensor
Video Resolution	1080P/720P/VGA
Image Resolution	21MP/16MP/12MP/8MP

Waterproof Rating	IP66
IR LEDs	40 IR LEDs
Trigger Time	0.2 seconds (front), 0.5 seconds (side)
Lens FOV	110°
PIR Distance	25 meters
Memory	TF card 8MB-32GB (Class 6 or above)
Standby Time	Up to 15-16 months
LCD Display	2.4" TFT
Power Supply	8x AA dry battery, external power interface (6V / 1.5A)
Operating Temperature	-20°C to +40°C
Dimensions	Approx. 136 x 96 x 76 mm

8. WARRANTY AND SUPPORT

8.1. Product Warranty

The GOYOJO H881 Tracking Camera comes with a 12-month product warranty. This warranty is provided in accordance with national regulations and covers manufacturing defects. Please note that wearing parts are typically excluded from this warranty.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact GOYOJO customer support. Refer to your purchase documentation or the official GOYOJO website for contact information.