

[Manuals.plus](#) /

> [Hiseeu](#) /

> Hiseeu WK-10CA-4TS804-AT Solar Security Camera System User Manual

Hiseeu WK-10CA-4TS804-AT

Hiseeu WK-10CA-4TS804-AT Solar Security Camera System User Manual

Comprehensive instructions for setup, operation, and maintenance of your Hiseeu Wireless Outdoor Security Camera System.

1. INTRODUCTION

This manual provides detailed instructions for the installation, configuration, and operation of your Hiseeu Solar Security Camera System, model WK-10CA-4TS804-AT. This system features wireless outdoor cameras with dual-lens technology, auto-tracking, 2.4 & 5GHz WiFi connectivity, two-way audio, and a 10-inch touchscreen monitor with a pre-installed 500GB HDD for local storage. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- 4 x Hiseeu Solar Security Cameras
- 4 x Solar Panels
- 1 x 10-inch Touch Screen NVR (with pre-installed 500GB HDD)
- 4 x Screws Bags (for camera and solar panel mounting)
- 4 x Waterproof Caps
- 2 x USB Cables
- 1 x Ethernet Cable
- 1 x HDMI Cable
- 1 x 12V 2A Power Supply (for NVR)
- 1 x Mouse
- 2 x Warning Stickers
- 1 x User Manual (this document)



Image: Overview of the Hiseeu security camera system components, including cameras, solar panels, NVR, and accessories.

3. PRODUCT FEATURES

- **Automatic Human Tracking Dual-Lens System:** Features both a fixed wide-angle lens and a remote-controlled PTZ (Pan-Tilt-Zoom) lens. The camera automatically tracks human motion for detailed event recording.
- **10-inch Portable Touchscreen Monitor:** Includes a 10CH 10-inch touchscreen NVR with a pre-installed 500GB HDD for local storage and easy monitoring.
- **Solar/Battery Powered & True Wireless:** Equipped with a solar panel and rechargeable battery for year-round power. No complex wiring required.
- **IP66 Waterproof Rating:** Designed for outdoor use, resistant to rain, snow, and harsh weather conditions (-10°C to 50°C).
- **Dual-Band WiFi (2.4G & 5G):** Supports both 2.4GHz and 5GHz WiFi for smoother streaming and a more stable connection.
- **PIR Sensing & AI Detection:** Advanced Passive Infrared (PIR) and smart AI detection technology reduce false alarms and provide instant alerts.
- **Two-Way Audio:** Allows real-time communication with visitors or to deter intruders.
- **2.5K 4MP HD Video:** Records in ultra-clear 2.5K 4MP resolution for detailed footage.
- **Full-Color Night Vision:** Provides vivid color details in low-light conditions up to 65ft.
- **Local Storage:** 500GB HDD included, no monthly fees for storage. Supports up to 256GB Micro SD card per camera (not included).
- **Expandable System:** Supports up to 10 channels for additional cameras.

4. SETUP AND INSTALLATION

4.1 Initial Setup of NVR

1. Connect the 12V 2A power supply to the NVR.
2. Connect the mouse to the NVR's USB port.
3. If connecting to an external display, use the HDMI cable.
4. Power on the NVR. Follow the on-screen prompts for initial configuration, including language, time zone, and password setup.

One Device=2 Cameras One Fixed, One Tracking



Image: Rear view of the NVR showing power, Ethernet, and HDMI ports connected.

4.2 Camera Preparation

1. Ensure each camera's internal battery is charged. It is recommended to fully charge the cameras before installation using a USB cable.
2. Attach the solar panel to the camera or mount it separately in a location with ample sunlight.
3. The cameras are designed for wireless connection to the NVR. They should automatically pair upon power-up if within range.

Full-Color Night Vision

24/7 Full-Color Clarity - See Clearly, Even in the Dark



Image: A Hiseeu solar security camera with its solar panel attached, ready for installation.

4.3 Physical Installation




Select appropriate outdoor locations for each camera, ensuring the solar panel receives direct sunlight for several hours daily. The cameras are IP66 waterproof, suitable for various weather conditions.


1. Mount the camera bracket securely to a wall or eaves using the provided screws.
2. Attach the camera to the mounted bracket.

3. Adjust the camera's angle to cover the desired surveillance area.
4. Ensure the solar panel is positioned to maximize sun exposure.

No Wiring Required

Just install the bracket to work, you don't need topay extra electricity and installation fees, it is the best choice for DIY enthusiasts.

-  Flexible Solar panel
-  Built-in Battery
-  360 days Self Sustaining



Solar

Image: A Hiseeu solar camera installed on an outdoor wall, demonstrating its wireless setup.

Your browser does not support the video tag.

Video: This video demonstrates how to set up the WK-10CA-4TS804-AT system and connect it to a phone application. It covers the initial steps for getting the cameras and NVR operational and linked to your mobile device.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

- **On the NVR Touchscreen:** Tap the screen to access menus. Select "Live View" to see all connected cameras. Use the touchscreen to pan, tilt, and zoom individual cameras.
- **Playback:** Access recorded footage from the NVR's menu. The 500GB HDD stores recordings locally.
- **Mobile App:** Download the "EseeCloud" app. Register an account and add your NVR system by scanning the QR code or manual input. View live feeds, playback recordings, and control camera functions remotely.

User-friendly Touchscreen

10-inch touchscreen NVR combines sleek design with user-friendly controls. Easily monitor and manage your security system with just a tap, offering a seamless and simple experience for setup and operation.




Image: A hand interacting with the 10-inch touchscreen NVR, displaying multiple camera feeds.

5.2 Motion Detection and Alerts

- The system uses PIR and AI detection to identify human, vehicle, and animal movements, minimizing false alarms.
- Configure alert settings via the NVR or mobile app to receive instant notifications on your smartphone.
- **Light and Sound Alarm:** The cameras can activate a spotlight and siren upon detection to deter intruders. This feature can be enabled or disabled in the settings.

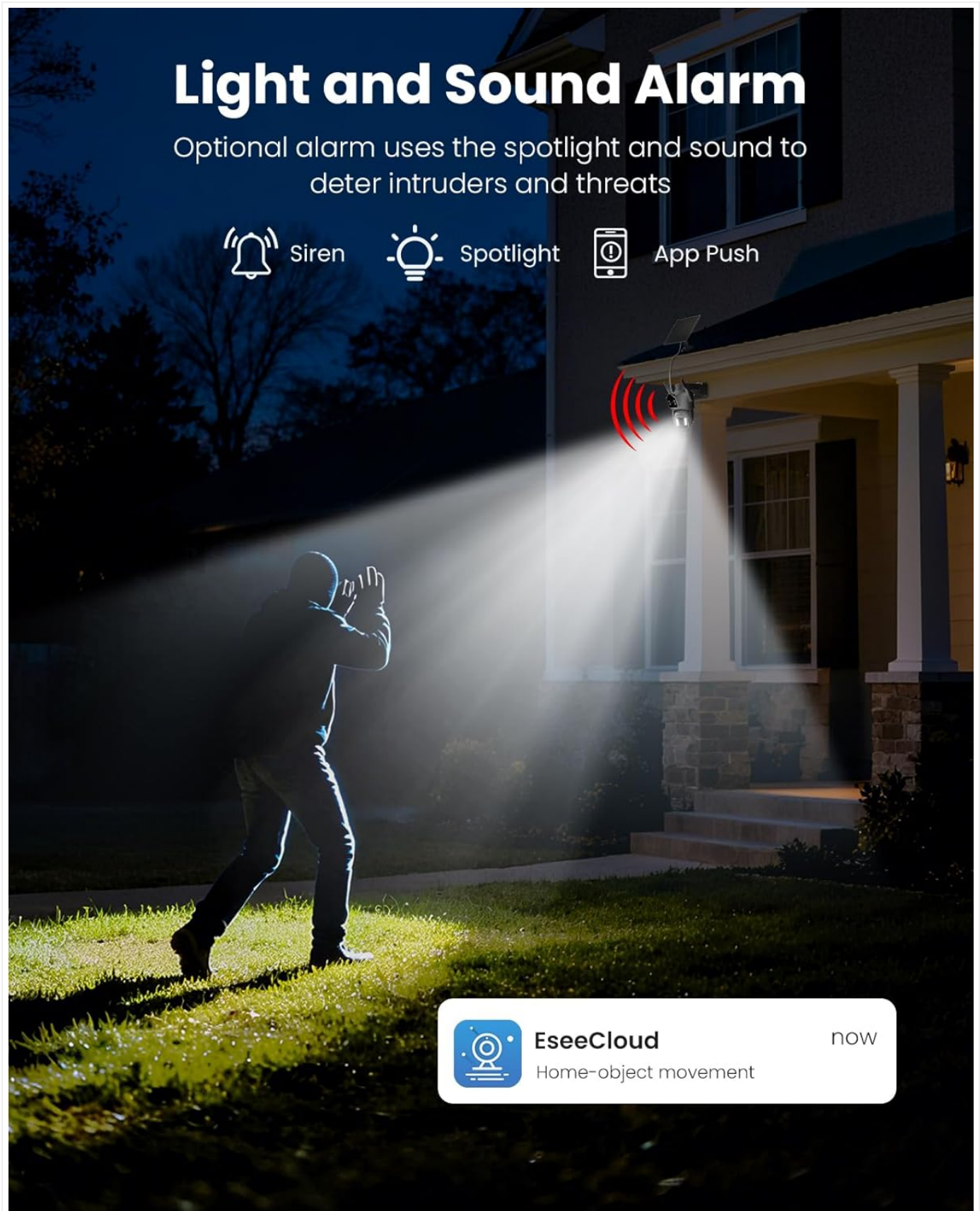


Image: A Hiseeu camera's spotlight illuminating an area at night, demonstrating its alarm function.

5.3 Two-Way Audio

Use the mobile app or NVR to engage in two-way conversations through the camera's built-in microphone and speaker. This is useful for communicating with delivery personnel or family members.

Two-Way Audio

Talk with friends, family, and other visitors instantly—even while away



Image: Illustration of two-way audio functionality, showing a child communicating through the camera.

5.4 Night Vision

The cameras provide full-color night vision up to 65 feet, ensuring clear visibility even in complete darkness. The system automatically switches between day and night modes.

Dual-Band Wi-Fi Pro for Seamless, Reliable Coverage



Lower Latency



Enhanced Coverage



Larger Capacity

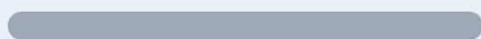
2.4GHz
Wider Coverage



5GHz
Faster Speed



WiFi Pro



WiFi 5
Speeds



WiFi Pro
Speeds

Image: Split view demonstrating the clarity of full-color night vision compared to traditional infrared night vision.

5.5 Privacy Zones

Configure customizable privacy zones through the NVR or app to block out specific areas from recording, ensuring personal privacy.

Customizable Privacy Zones

Configure privacy zones to shield sensitive areas from view, ensuring respect for personal spaces and community harmony.



Image: An illustration showing a house with designated privacy zones highlighted in red, indicating areas excluded from surveillance.

6. MAINTENANCE

- **Cleaning:** Periodically clean the camera lenses and solar panels with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners.
- **Battery Health:** The solar panels are designed to keep the camera batteries charged. Ensure solar panels are free from obstructions (e.g., leaves, snow) to maintain charging efficiency.
- **Firmware Updates:** Check for available firmware updates through the NVR or mobile app to ensure your system has the latest features and security enhancements.
- **Storage Management:** Regularly review recorded footage and back up important clips. The 500GB HDD will overwrite older footage when full.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------------|--|--|
| Camera not connecting to NVR | Out of range; low battery; interference. | Move camera closer to NVR; fully charge camera battery; reduce WiFi interference. |
| Poor video quality | Dirty lens; weak WiFi signal; insufficient lighting. | Clean lens; improve WiFi signal strength; ensure adequate lighting for night vision. |
| Solar panel not charging battery | Insufficient sunlight; panel obstruction; faulty connection. | Relocate panel to direct sunlight; clear obstructions; check cable connections. |
| Two-way audio unclear or low volume | Microphone/speaker obstruction; network latency; software issue. | Ensure clear path for audio; check network connection; restart camera/NVR. |
| Frequent false alarms | Sensitivity too high; environmental factors (e.g., moving branches). | Adjust motion detection sensitivity; configure activity zones to exclude irrelevant areas. |

8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature | Detail |
|--------------------------|---|
| Model Name | WK-10CA-4TS804-AT |
| Connectivity Technology | Wireless (2.4G & 5GHz WiFi) |
| Video Capture Resolution | 4MP (2.5K) |
| Indoor/Outdoor Usage | Outdoor |
| Power Source | Solar Powered / Rechargeable Battery |
| Night Vision Range | Up to 65 Feet (Full-Color Night Vision) |
| Viewing Angle | 120 Degrees |
| NVR Storage | 500GB HDD (pre-installed) |
| Camera SD Card Support | Up to 256GB Micro SD (not included) |
| Weather Resistance | IP66 Waterproof |
| Operating Temperature | -10°C to 50°C (14°F to 122°F) |
| Control Method | App, Remote, Touch (NVR) |
| Number of Channels | 10 |

9. WARRANTY AND SUPPORT

Manufacturer Warranty: This product comes with a one-year manufacturer warranty. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting, or warranty inquiries, please contact Hiseeu customer support. Contact information can typically be found on the manufacturer's website or within the product packaging.

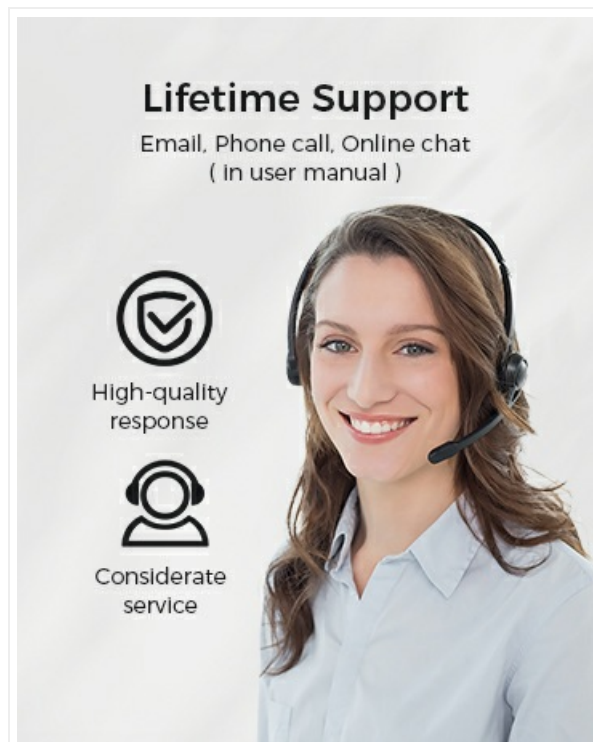


Image: A customer support representative, symbolizing available assistance for the product.



© 2026 Hiseeu. All rights reserved.