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SOVMIKU 2CA3

SOVMIKU 2CA3 AI Auto Tracking Mini 2K Security Camera Instruction Manual

Model: 2CA3 | Brand: SOVMIKU

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SOVMIKU 2CA3 AI Auto Tracking Mini 2K Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The SOVMIKU 2CA3 is a compact, feature-rich outdoor wireless security camera designed for comprehensive surveillance with advanced AI capabilities.

2. KEY FEATURES

- **Compact Design:** The SOVMIKU 2CA3 features a mini size, achieved through internal structural and circuit redesigns, offering full surveillance camera functionality in a smaller form factor.
- **2K Resolution & Color Night Vision:** Equipped with a 3MP sensor, the camera provides clear 2K video. Optimized nighttime imaging, enhanced by mobile CPU computing power, improves night image quality by 150% and supports full-color night vision.
- **AI Auto Tracking:** Utilizes an advanced AI algorithm to automatically detect and track human movement, ensuring continuous monitoring of subjects.
- **Audible & Flashlight Alarm:** Features a Passive Infrared (PIR) sensor that triggers a spotlight, audible alarm, and flashlight alarm upon detecting warm bodies (humans or animals) at night, deterring intruders.
- **Two-Way Audio:** Allows for real-time communication through the camera via the connected mobile application.
- **IP65 Weather Resistance:** Designed for durability, the camera is splash, water, and dust resistant, suitable for outdoor installation. The charging interface includes a silicone waterproof protective plug.
- **Flexible Storage Options:** Supports 24/7 recording and event recording. Includes a Micro SD card slot (up to 128GB, card not included) and offers 500MB of free cloud storage via the Vicohome App.
- **Vicohome App Control:** Manage all camera functions, including pan/tilt, motion detection, alarms, and live view, directly from your smartphone.

- **2.4GHz Wi-Fi Connectivity:** Operates on 2.4GHz Wi-Fi (IEEE 802.11 b/g/n) for stable transmission and wider coverage, sufficient for 2K video streaming.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- SOVMIKU CA3 PTZ Camera
- Mount Bracket
- Power Adapter
- Screws for installation
- User Manual



Figure 1: Package Contents

4. SETUP

4.1 Initial Power-On

1. Connect the power adapter to the camera and a power outlet.
2. The camera will perform a self-test, indicated by rotation and an alert sound.

4.2 App Download and Account Creation

1. Download the "Vicohome" app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.

4.3 Camera Pairing with App

1. In the Vicohome app, tap the "+" icon to add a new device.
2. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the 2.4GHz network during setup.

3. Scan the QR code displayed in the app with the camera lens. A confirmation sound will indicate successful pairing.

4.4 Mounting the Camera

The camera supports wall and ceiling mounting. The redesigned bracket allows for easy installation.

1. Choose a suitable location for installation, ensuring good Wi-Fi signal strength.
2. Secure the mount bracket to the desired surface using the provided screws.
3. Clip the camera into the installed mount.

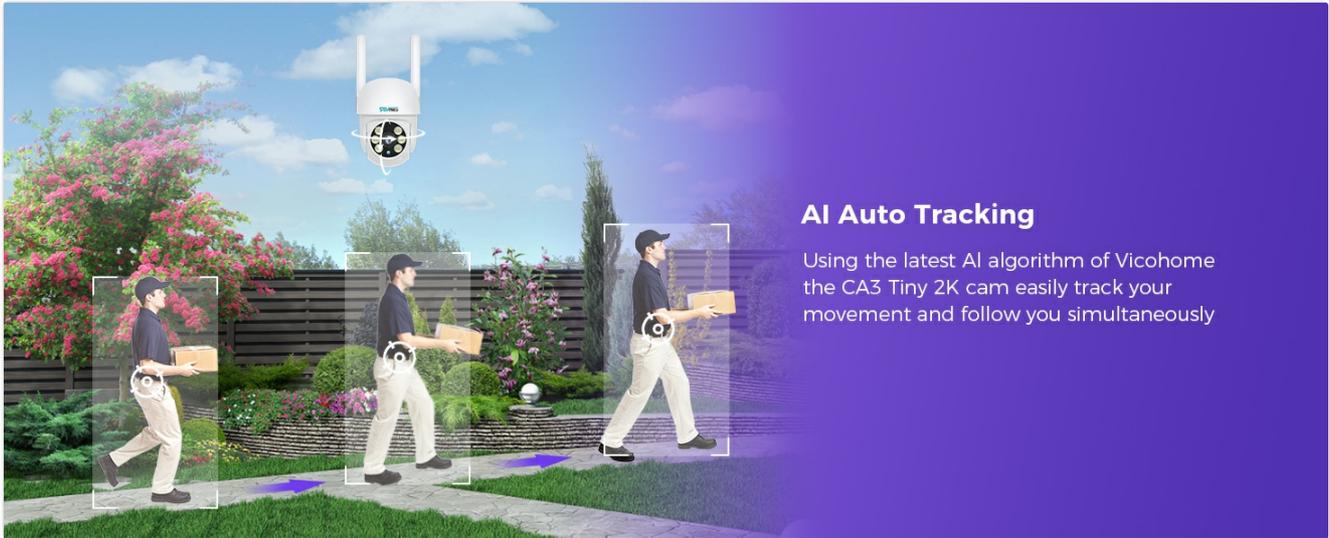


Figure 2: Easy Camera Mounting

Your browser does not support the video tag. This video demonstrates the simple setup and versatile features of the SOVMIKU 2CA3 camera, including its easy installation process.

Video 1: Set up the simplest and most versatile camera

5. OPERATING INSTRUCTIONS

5.1 Live View and Pan/Tilt Control

Access the live feed from your camera through the Vicohome app. Use the on-screen controls to pan (horizontal rotation) and tilt (vertical movement) the camera lens to adjust the viewing angle. You can also set up to 5 frequently used positions for quick access.



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Figure 3: Frequently Position Feature

5.2 Two-Way Audio

To use the two-way audio feature, tap the microphone icon in the live view interface of the Vicohome app. You can then speak through your phone, and your voice will be transmitted through the camera's speaker. Similarly, you can hear audio from the camera's location.



Appearance dimension:
3.93inch x 3.14inch x 1.96inch

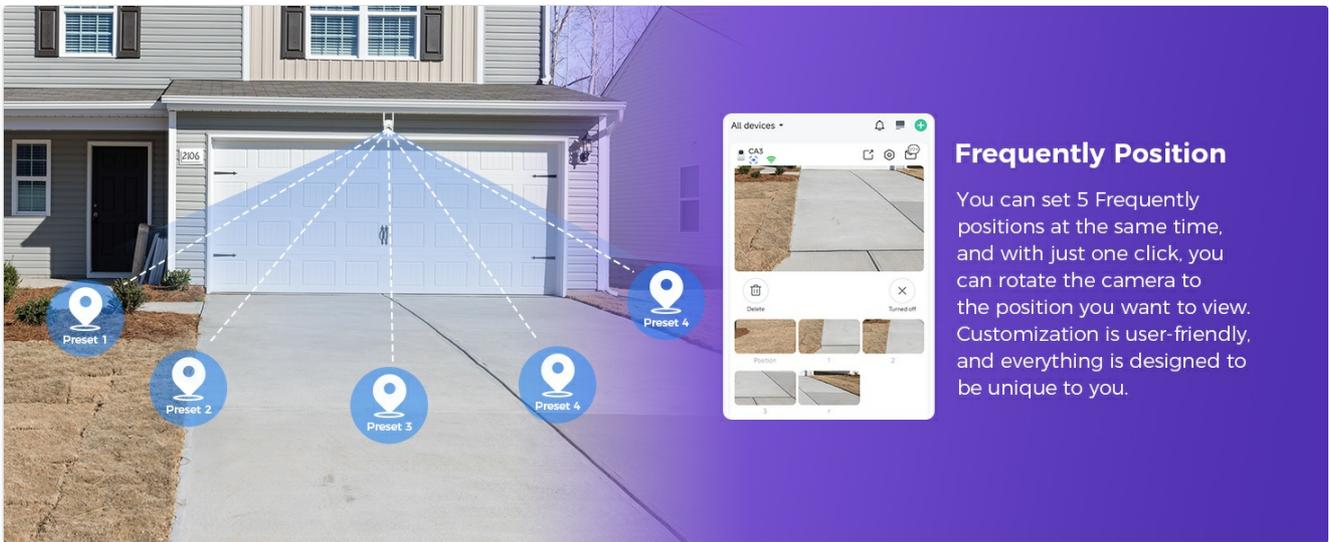
Weight: 0.39 Pounds

Figure 4: Two-Way Audio in Action

5.3 Motion Detection and AI Auto Tracking

The camera features advanced motion detection and AI auto-tracking. When motion is detected, especially from human figures, the camera can automatically track the movement and send notifications to your phone.

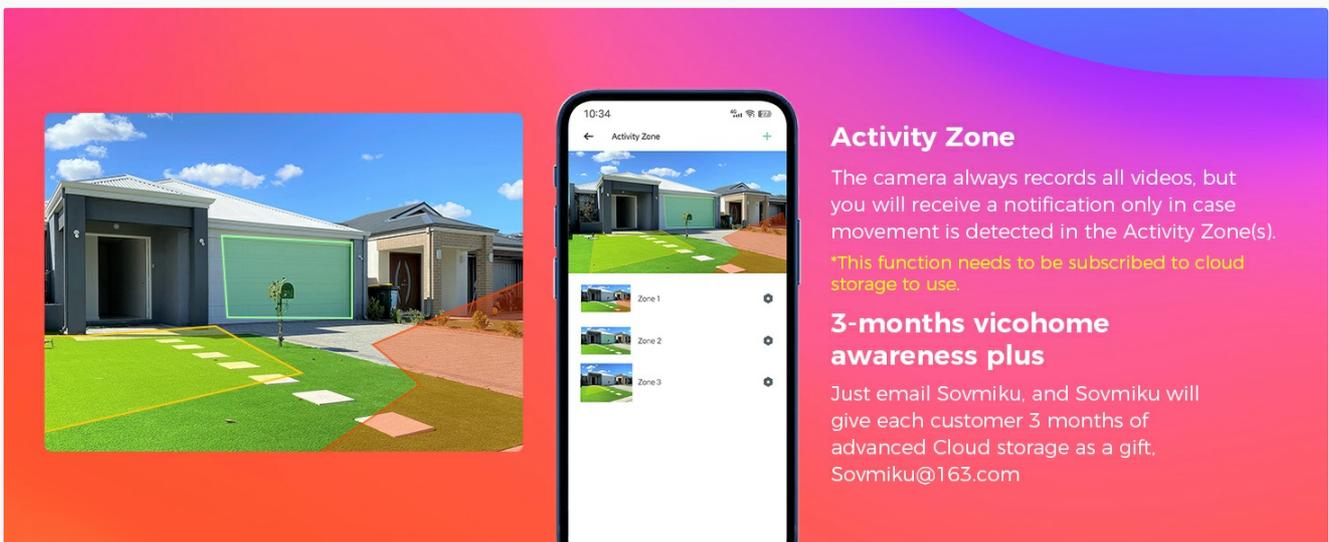
- **Activity Zones:** Configure specific areas within the camera's view as activity zones. You will receive notifications only for movement detected within these zones. Note: This function may require cloud storage subscription.
- **Audible & Flashlight Alarm:** Enable these features in the app settings. When motion is detected at night, the camera will automatically flash its spotlight and sound an alert.



Frequently Position

You can set 5 Frequently positions at the same time, and with just one click, you can rotate the camera to the position you want to view. Customization is user-friendly, and everything is designed to be unique to you.

Figure 5: Activity Zone Configuration



Activity Zone

The camera always records all videos, but you will receive a notification only in case movement is detected in the Activity Zone(s).
**This function needs to be subscribed to cloud storage to use.*

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Just email Sovmiku, and Sovmiku will give each customer 3 months of advanced Cloud storage as a gift, Sovmiku@163.com

Figure 6: AI Auto Tracking

Your browser does not support the video tag. This video highlights the compact size and various features of the SOVMIKU CA3 Mini Security Camera, including its pan/tilt capabilities and app control.

Video 2: CA3 MiNi Size Security Camera Outdoor

6. MAINTENANCE

6.1 Cleaning the Camera

To maintain optimal performance, regularly clean the camera lens and housing. Use a soft, damp cloth to wipe away dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.

6.2 Weather Resistance

The SOVMIKU 2CA3 is IP65 rated for splash, water, and dust resistance. While designed for outdoor use, extreme weather conditions can affect performance over time. Ensure the silicone waterproof protective plug for the charging interface is always securely in place.



Multi Device Support

One Vicohome App can be associated with 50 cameras at the same time

Multi User Sharing

You can share the camera with 10 different users and set different permissions for them. Support three accounts to view the camera at the same time

Figure 7: Designed for Durability (Water Resistance)

Your browser does not support the video tag. This video demonstrates the waterproof capabilities of the SOVMIKU 2CA3 camera by showing it being sprayed with water from a hose.

Video 3: The most waterproof camera in the Western Hemisphere

7. TROUBLESHOOTING

If you encounter issues with your SOVMIKU 2CA3 camera, refer to the following common problems and solutions:

• Camera Not Connecting to Wi-Fi:

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
- Check Wi-Fi signal strength at the camera's location. Move the camera closer to the router if necessary.
- Restart your router and the camera.
- Verify the Wi-Fi password entered in the app is correct.

• Poor Image Quality:

- Clean the camera lens to remove any smudges or dirt.
- Ensure adequate lighting for optimal image clarity, especially at night.
- Check your internet connection speed. A stable connection is crucial for 2K streaming.

• Motion Detection Not Working:

- Verify that motion detection and notification settings are enabled in the Vicohome app.
- Adjust the sensitivity of the motion sensor.
- Ensure activity zones are correctly configured and not excluding areas where detection is desired.

• Two-Way Audio Issues:

- Check the volume settings on your phone and in the app.
- Ensure your phone's microphone permissions are granted to the Vicohome app.
- Minimize background noise for clearer communication.

8. SPECIFICATIONS

Feature	Detail
Model Name	2CA3
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	3 MP (2K)
Connectivity Technology	Wireless (Wi-Fi)
Wireless Communication Technology	Wi-Fi (2.4GHz only)
Controller Type	Vicohome App
Mounting Type	Wall Mount
Night Vision Range	45 Feet
International Protection Rating	IP65
Power Source	Corded Electric (5 Volts)
Item Dimensions L x W x H	2.7 x 3.5 x 3.14 inches
Item Weight	1.7 pounds
Storage	Micro SD Card (up to 128GB), Cloud Storage
Special Feature	Waterproof, AI Auto Tracking, Color Night Vision, Two-Way Audio, Audible/Flashlight Alarm

9. WARRANTY AND SUPPORT

SOVMIKU is committed to customer satisfaction. For any inquiries, technical assistance, or support needs, please contact us:

- **Email:** Sovmiku@163.com

We aim to respond to all inquiries within 12 hours. Your feedback is valuable and helps us improve our products and services.

Your browser does not support the video tag. This video features a customer testimonial praising SOVMIKU's customer service for resolving a camera issue quickly and effectively.

Video 4: Best customer service than Apple