SOVMIKU CB2

Sovmiku CB2 2K AI Tracking Security Camera User Manual

Model: CB2 | Brand: SOVMIKU

Introduction

The Sovmiku CB2 2K AI Tracking Security Camera is designed for indoor use, providing comprehensive surveillance for your home, pets, or as a baby monitor. It features 2K resolution, 360° pan/tilt capabilities, two-way audio, night vision, and AI-powered motion tracking. This manual provides essential information for setting up, operating, and maintaining your CB2 camera.

What's in the Box

Verify that all components are present in your package:

- Sovmiku CB2 Camera
- Mounting Screw
- Type-C Cable
- Power Adapter
- Mount
- User Manual



Figure 1: Packaging list showing the CB2 Camera, Type-C Cable, Screw, Mount, Adapter, and User Manual.

Setup

Follow these steps to set up your Sovmiku CB2 camera:

1. Physical Installation

The CB2 camera offers versatile mounting options, including desktop, wall, and ceiling installation. The redesigned bracket structure allows for easy pre-installation of the mount, after which the camera simply clips into place.

1. **Choose a Location:** Select a spot within your home that provides optimal viewing coverage and strong 2.4GHz Wi-Fi signal. The camera is designed for indoor use.
2. **Mounting:**
    - **Desktop:** Simply place the camera on a flat, stable surface.
    - **Wall/Ceiling:** Use the provided mounting bracket and screws. Secure the bracket to the desired location, then attach the camera to the fixed base.
3. **Power Connection:** Connect the camera to a power source using the included Type-C cable and power adapter. The camera requires 5 Volts (DC) and 5 watts.



Figure 2: Various installation methods for the CB2 camera: desktop, ceiling mount, and wall mount.

Resolution	3 Megapixels (2304 by 1296)	**Maximum power consumption**	10W
Lens parameters	F.NO=2.1±5%, focal length=3.99mm	**Resting power consumption**	0.5W
Field of view	99.2°(D)/83.5°(H)/44°(V)	**Voice compression format**	AAC, H.264, H.265+
Alert/Trigger	Inter frame comparison	**Length of wire**	3.2Ft
Audio	Two Way Audio	**Operating humidity**	20%~80%
IR distance	32Ft	**Waterproof grade**	Not Waterproof
Operating conditions	-4°F ~ 122°F	**Item weight**	0.22LB
Connectivity	2.4GHz Wi-Fi Only	**Mount Method**	Desktop/Ceiling/Wall
Power Port	Type-C	**SD Slot Support**	Micro-USB Up to 128GB

Figure 3: Setup in Minutes - Step 1: Connect to Vicohome app. Step 2: Install camera mount. Step 3: Ready to protect.

2. App Configuration (Vicohome App)

The camera operates with the Vicohome app, available on both the App Store and Google Play. The app provides a user-friendly interface for all camera functions.

1. **Download the App:** Search for "Vicohome" in your device's app store and install it.
2. **Create Account:** Open the app and follow the on-screen instructions to create a new account or log in.
3. **Add Device:** In the app, select the option to add a new device. Follow the prompts to connect your CB2 camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi signal is strong at the camera's location.

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Video 1: Sovmiku CB2 Smart Indoor AI Camera Setup and Demo. This video demonstrates the unboxing, physical setup, and initial app configuration process for the camera.

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Video 2: The best indoor camera, You're gonna love it. This seller video highlights the camera's features and ease of setup, including cloud storage and pan/tilt capabilities.

Operating Instructions

Key Features and App Control

The Vicohome app provides full control over your CB2 camera's advanced features:

- **2K Resolution & 3MP Camera:** The camera captures clear 2K video (2304 x 1296) with a 3-megapixel sensor, providing detailed images.
- **360° View Pan/Tilt:** Control the camera's pan (355°) and tilt (90°) movements remotely via the app to monitor a wide area. You can also set up to 5 frequently viewed positions for quick navigation.
- **Two-Way Audio:** Communicate with individuals in the camera's vicinity using the built-in microphone and speaker.
- **AI Tracking & Motion Detection:** The camera automatically tracks detected movement. You will receive mobile detection reminders and can view real-time images.
- **Audible Alarm:** Activate the alarm feature in the app to trigger an audible alert when motion is detected.
- **Night Vision (MagicPix):** Equipped with infrared LEDs, the camera provides clear black and white video in low-light conditions. It can also turn on a white light for improved visibility.
- **Emergency SOS One-Touch Call:** For emergencies, the CB2 camera allows users to contact you immediately with a single click on the camera's button.
- **Privacy Mode:** When privacy mode is enabled, the camera lens will retract, ensuring no recording or viewing occurs.
- **Cloud & SD Card Storage:** The camera supports local storage via a microSD card (up to 128GB, not included) and offers free 2-year, 500MB cloud storage for all Vicohome devices.



Figure 4: Overview of camera features including 360° view, two-way audio, night vision, and wide viewing angle.



Figure 5: Two-way audio functionality, allowing communication through the camera from a remote location.

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Video 3: Sovmiku CB2 Smooth PTZ Functionality. This short seller video demonstrates the camera's smooth pan and tilt movements controlled via the app.



Figure 6: Motion Tracking feature, showing the camera's ability to automatically follow movement.



Figure 7: Emergency SOS via one-touch call, enabling immediate contact in emergencies.



Figure 8: Privacy Mode, where the camera lens can be hidden when not needed for recording.



Figure 9: Local (microSD) and Encrypted Cloud Storage options for the camera.



Figure 10: Explanation of why 2.4GHz Wi-Fi is sufficient for security cameras, highlighting its larger coverage area.

Maintenance

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check the Vicohome app for firmware updates to ensure optimal performance and security. The app will notify you when updates are available.
- **Power Supply:** Ensure the camera is connected to a stable power source. The Type-C charging cable provides 24/7 stable power.
- **Wi-Fi Signal:** Periodically check the Wi-Fi signal strength in the app to ensure consistent connectivity.

Troubleshooting

If you encounter issues with your Sovmiku CB2 camera, refer to the following common solutions:

Problem	Possible Cause	Solution
Camera offline/loses connection	Weak Wi-Fi signal, network interference, power interruption.	Check Wi-Fi signal strength in the app. Move camera closer to router or use a Wi-Fi extender. Restart the camera and your Wi-Fi router. Ensure stable power supply.
Motion detection not working or too sensitive	Incorrect sensitivity settings, environmental factors (e.g., shadows, moving branches).	Adjust "Detection Sensitivity" in the app settings. Configure "Detection Preference" (e.g., Humanoid Only). Ensure camera is positioned to minimize false alarms.
Two-way audio issues (static, no sound)	Microphone/speaker obstruction, app audio settings, network latency.	Check app audio settings (volume, live recording). Ensure no physical obstructions to microphone or speaker. Verify stable network connection.

Problem	Possible Cause	Solution
Night vision unclear	Infrared light reflection, dirty lens.	Clean the camera lens. Ensure no reflective surfaces are too close to the camera. Check "Light Sensitivity Level" in video settings.

Specifications

Feature	Detail
Model Name	CB2
Indoor/Outdoor Usage	Indoor
Video Capture Resolution	2K (2304 x 1296)
Maximum Webcam Image Resolution	3 MP
Connectivity Protocol	Wi-Fi (2.4GHz Only)
Power Source	Corded Electric (5 Volts DC, 5 watts)
Pan/Tilt Range	Pan 355°, Tilt 90°
Night Vision Range	32 Feet
Storage	Micro-USB (up to 128GB), Cloud Storage (2 years 500MB free)
Two-Way Audio	Yes
Motion Tracking	Yes
Alert Type	Audio and Motion
Dimensions (L x W x H)	3.93 x 2.7 x 2.7 inches
Item Weight	10.8 ounces
Material	PVC



Figure 11: Detailed technical specifications of the Sovmiku CB2 camera.

Warranty and Support

Sovmiku offers a 180-day exchange policy for the CB2 camera. For any inquiries, technical support, or assistance, please contact Sovmiku customer service:

- **Email:** Sovmiku@163.com
- **Response Time:** Sovmiku aims to reply within 12 hours.

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Video 4: Best customer service than Apple. This seller video emphasizes the brand's commitment to customer support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question