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SOVMIKU DB3

SOVMIKU DB3 2K Solar Al Tracking Security Camera User Manual

Model: DB3

1. PRODUCT OVERVIEW

The SOVMIKU DB3 is a 2K solar-powered security camera designed for outdoor use. It features AI tracking, motion detection, two-way audio, and color night vision. The camera operates on a high-capacity battery charged by an integrated solar panel, offering extended operational periods without frequent recharging. It supports both local storage via an SD card and cloud storage options.



Image: SOVMIKU 2K Solar Al Tracking Security Camera and Video Doorbell.



Image: SOVMIKU 2K Solar Al Tracking Security Camera with solar panel, mounted.

2. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation.

- Solar Camera (1)
- Camera Bracket (1)
- Micro USB Cable (1)
- User Manual (1)
- Screw Bag (1)

Image: Contents of the SOVMIKU 2K Solar Al Tracking Security Camera package, including camera, solar panel, bracket, cable, and manual.

3.1 Initial Charging

Before first use, fully charge the camera using the provided Micro USB cable. Connect the cable to the USB-C port on the camera and a standard USB power adapter (not included). The charging interface is protected by a silicone waterproof plug, ensure it is properly sealed after charging if installed outdoors.

3.2 App Download and Account Creation

Download the 'Vicohome' app from your device's app store. Follow the in-app instructions to create an account and add your new SOVMIKU camera. The app allows for simultaneous viewing of up to four cameras without an NVR.



Image: Vicohome app interface showing multiple camera feeds and device management.

3.3 Mounting the Camera

Choose a suitable location for mounting the camera, ensuring optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor.

- 1. Secure the mounting bracket base to a wall or surface using the provided screws.
- 2. Attach the camera to the mounting bracket head.
- 3. Adjust the camera angle for desired coverage.

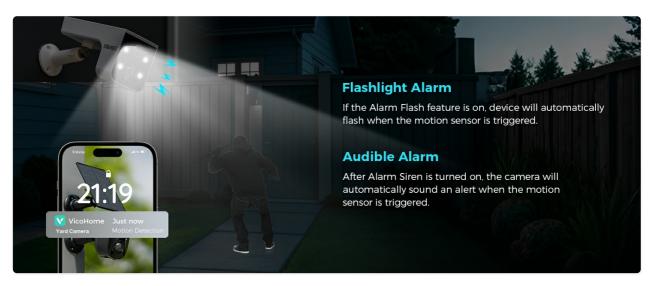


Image: Step-by-step guide for mounting the SOVMIKU security camera.

3.4 Solar Panel Placement

For optimal charging, the solar panel should be positioned to receive direct sunlight, especially during midday. Avoid placing it under eaves or in shaded areas.

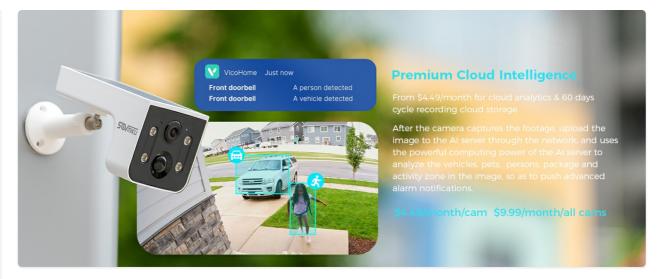


Image: Illustration of optimal solar panel placement for the SOVMIKU camera, facing the sun.

4. OPERATING INSTRUCTIONS

4.1 Live View and Recording

Access the Vicohome app to view live footage from your camera. Recordings are triggered by motion detection and stored either locally on a microSD card or in the cloud (subscription may be required).

4.2 Motion Detection and Al Tracking

The camera features advanced AI for detecting vehicles, persons, pets, and packages. Enable push notifications in the Vicohome app to receive alerts when motion is detected. You can also define specific 'Activity Zones' to focus detection on critical areas.



Image: SOVMIKU camera detecting a person and vehicle, with mobile notification.



Image: SOVMIKU camera with activity zone setup on the mobile app.

4.3 Two-Way Audio

Utilize the two-way audio feature through the Vicohome app to communicate with individuals near the camera.



Image: Two-way audio feature of SOVMIKU camera in use.

4.4 Color Night Vision

The camera is equipped with color night vision capabilities, providing clear and detailed footage even in low-light conditions.



Image: SOVMIKU camera providing color night vision in an outdoor setting.

4.5 Storage Options

The camera supports local storage via a microSD card (up to 128GB, not included). Cloud storage options are also available through the Vicohome app, offering secure, encrypted storage for your recordings.



Image: SOVMIKU 2K Solar AI Tracking Security Camera with microSD card slot.

5. MAINTENANCE

5.1 Solar Panel Cleaning

Regularly wipe the solar panels to remove dust and debris, ensuring optimal energy conversion. Use a soft, damp cloth for cleaning.



Image: Hand cleaning the solar panel of the SOVMIKU camera, illustrating IP65 weather resistance and solar panel tips.

5.2 Battery Life and Charging

The camera features a 5000mAh battery designed for long-term use. A full charge can power the camera for two months or more, depending on usage and environmental factors. Ensure the solar panel is clean and optimally positioned for continuous charging.



5.3 Weather Resistance

The DB3 camera is rated IP65, making it splash, water, and dust resistant. This allows for safe outdoor installation. However, resistance may decrease over time due to normal wear. Ensure the charging port's silicone plug is securely in place when outdoors.

6. TROUBLESHOOTING

- Camera Not Connecting: Ensure your Wi-Fi network is stable and the camera is within range. Restart the camera and your router.
- **No Motion Detection Alerts:** Check the motion detection settings in the Vicohome app. Ensure notifications are enabled on your phone. Verify that activity zones are correctly configured.
- Poor Image Quality: Clean the camera lens. Ensure there are no obstructions in the camera's field of view.
- **Battery Not Charging:** Verify the solar panel is clean and receiving direct sunlight. Ensure the charging cable is securely connected. Check the 'Power Settings' in the Vicohome app.

7. Specifications

Feature	Specification
Model	DB3
Resolution	2K (3 Megapixels)
Battery Capacity	5000mAh
Solar Panel Efficiency	Up to 23% (Monocrystalline silicon)
Weather Resistance	IP65
Local Storage	MicroSD card up to 128GB (not included)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Video Encoding	H.265+



Image: SOVMIKU camera dimensions and weight, emphasizing durability and IP65 rating.



Image: SOVMIKU camera highlighting H.265+ efficient encoding benefits.

8. WARRANTY AND SUPPORT

8.1 180 Days Exchange Policy

SOVMIKU offers a 180-day exchange policy. If you are not satisfied with the product, you may submit an exchange request. The manufacturer aims to provide a solution within 24 hours.

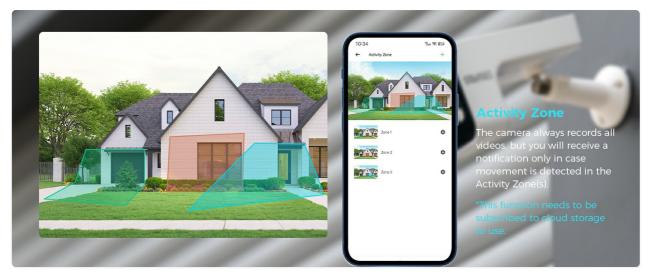


Image: Illustration of the 180-day exchange policy for the SOVMIKU camera.

8.2 Customer Support

For further assistance, technical support, or warranty claims, please refer to the contact information provided with your product packaging or visit the official SOVMIKU website.

Related Documents - DB3



Smart Battery Powered Camera Operation Instruction

This document provides operation instructions for the Smart Battery Powered Camera, covering setup, installation, sharing, charging, indicator light status, firmware upgrades, and FAQs for both PTZ and WiFi models.



Sovmiku WiFi Security Camera System Quick Guide

A comprehensive guide to setting up, installing, and operating the Sovmiku WiFi Security Camera System, including troubleshooting and advanced features.



Smart Battery Powered Camera Operation Instruction

This document provides operation instructions for the Smart Battery Powered Camera, covering setup, installation, sharing, charging, indicator light status, firmware upgrades, and FAQs for both PTZ and WiFi models.



DB3 Installation Guide for 2012 Chrysler 200

Installation guide for the Directed DB3 Remote Start Ready (RSR) module for the 2012 Chrysler 200, covering wiring, programming, troubleshooting, and features.

DIRECTED

A032-V3.0

User Instructions
Hiseeu Smart Video Doorbell



Hiseeu Smart Video Doorbell User Instructions A032-V3.0

This user manual provides detailed instructions for the Hiseeu Smart Video Doorbell (Model A032-V3.0), guiding users through setup, installation, network configuration, and troubleshooting for optimal performance and security.

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MYCAR Telematics System: Installation & Programming Guide | MYCAR CONTROLS

Comprehensive installation and programming guide for the MYCAR Telematics Communicator System. Learn how to set up the device, connect it with various remote starter modules (iDatastart, Compustar, Directed, etc.), and configure it for vehicle tracking and remote control via the MYCAR CONTROLS app.