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VIMTAG 8310

VIMTAG 8310 2.5K Security Camera User Manual

Model: 8310
Brand: VIMTAG



Image: VIMTAG 8310 2.5K Security Camera, white, compact design.

1. INTRODUCTION

The VIMTAG 8310 2.5K Security Camera is designed to provide comprehensive surveillance for your home, pets, and loved ones. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security.

Key Features:

- **Continuous Operation:** The camera operates 24/7 via a plug-in power cable, eliminating the need for battery charging. It supports 2.4GHz and 5GHz dual-band WiFi, including WiFi 6 technology, for stable connections.
- **High-Resolution Video:** Provides 2.5K resolution for clear day and night visibility. Features full-color night vision, enhanced by a built-in LED light, for detailed monitoring in various indoor and outdoor environments.

- **Smart Detection:** Offers advanced detection capabilities for motion, people, and sound up to 33 feet. Users receive instant alerts for detected activity.
- **Weather Resistance:** Rated IP65, the camera is designed for outdoor use and can withstand rain, snow, heat, and cold, ensuring continuous operation in various weather conditions.
- **Remote Access and Two-Way Audio:** The mobile app allows remote access to live video footage and recorded content. Built-in two-way audio enables real-time communication through the camera.
- **Centralized Management:** Up to 32 Vimtag WiFi cameras can be managed within a single application. Features include smart cloud storage (subscription required), motion detection, and event filtering.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Camera with cable
- Mounting Screw
- Power Adapter
- Instruction Manual (this document)

3. SETUP

3.1 Initial Setup and App Connection

1. **Download the App:** Search for "Canny Cam" in your smartphone's app store (iOS or Android) and download the application.
2. **Register Account:** Open the Canny Cam app and follow the on-screen instructions to register a new user account.
3. **Power On:** Connect the camera to the power adapter using the provided cable and plug it into an electrical outlet. The camera will power on automatically.
4. **Add Device:** In the Canny Cam app, select the option to add a new device. Enable Bluetooth and Wi-Fi on your smartphone as prompted by the app.
5. **Follow In-App Instructions:** The app will guide you through the process of connecting the camera to your home Wi-Fi network. Ensure your Wi-Fi network is 2.4GHz or 5GHz compatible.
6. **Connection Confirmation:** Once successfully connected, the app will confirm the device has been added.



Image: Visual guide showing the steps to download the Canny Cam app, enable Bluetooth and Wi-Fi, and connect the camera.

3.2 Mounting Options

The VIMTAG 8310 camera offers flexible mounting options to suit various indoor and outdoor locations. Use the provided mounting screws for secure installation.

- **Wall Mount:** Securely attach the camera to a wall using the mounting bracket and screws.
- **Ceiling Mount:** Install the camera on a ceiling for an overhead view.
- **Tabletop Mount/Freestanding:** Place the camera on a flat surface such as a table, shelf, or desk.
- **Door Mount/Window Mount:** Position the camera near doors or windows for specific entry point monitoring.



Image: A hand using a screwdriver to mount the VIMTAG camera to a surface.



Image: Examples of various mounting positions for the camera, including freestanding, wall-mounted, and ceiling-mounted.

4. OPERATING THE CAMERA

4.1 Live View and Recording

Access the live video feed and recorded footage through the Canny Cam app on your smartphone or tablet.



Image: A comparison demonstrating the enhanced detail of 2.5K QHD resolution compared to 1080p.

4.2 Color Night Vision

The camera features full-color night vision, providing clear and detailed images even in low-light conditions, unlike traditional black-and-white night vision.

Free Expert Support

Note: Support hours are
Monday-Friday, 9:00 AM-6:00 PM EST

Image: A visual comparison illustrating the difference between color night vision and traditional night vision.

4.3 Dual-Band Wi-Fi Connectivity

The camera supports both 2.4GHz and 5GHz Wi-Fi bands, offering flexibility for network connection. 2.4GHz provides a stable connection over longer distances, while 5GHz offers faster speeds for shorter ranges.

Smart Canny Cam APP Functions

Free AI detection, alerts and siren features

without a subscription



Motion detection



Auto Tracking



2-Way Audio



Sound detection



Instant alerts



Alexa live streaming



Human detection



Sound Siren



Unlimited sharing

Image: Explanation of 2.4GHz and 5GHz Wi-Fi benefits for the camera's connectivity.

4.4 Smart Detection and Alerts

Configure motion, human, and sound detection settings within the Canny Cam app. The camera can trigger a smart sound and light alarm and send instant notifications to your smartphone upon detecting activity.



Image: Depiction of the smart sound and light alarm feature in action.



Image: App interface showing options for setting detection types and sensitivity levels.

4.5 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak to visitors, deter intruders, or comfort pets remotely.

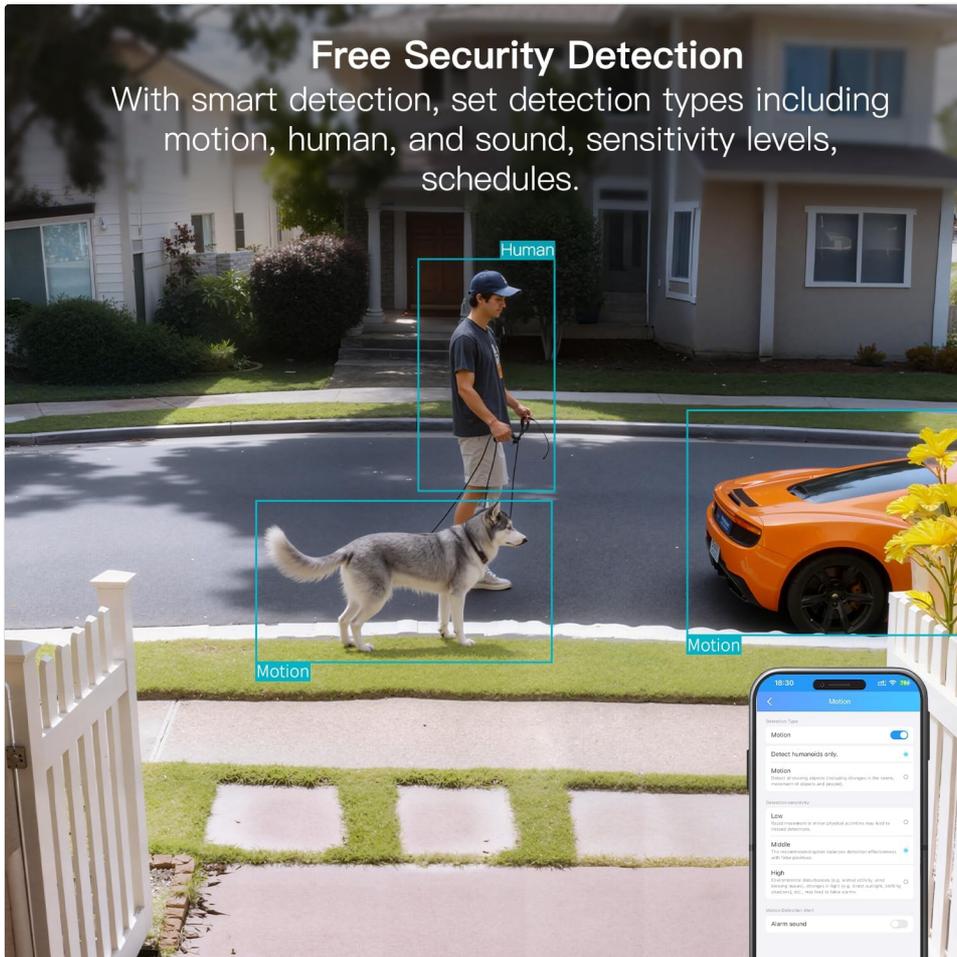


Image: Example of using two-way audio to communicate through the camera.

4.6 Storage Options

The camera supports local storage via a MicroSD card (up to 512GB, sold separately) for continuous or event-triggered recording. Cloud storage is also available through a subscription service, offering event recording and multi-device playback.

2-Way Audio

Anytime, Anywhere



Image: The camera's recording capabilities to a TF card or cloud storage.

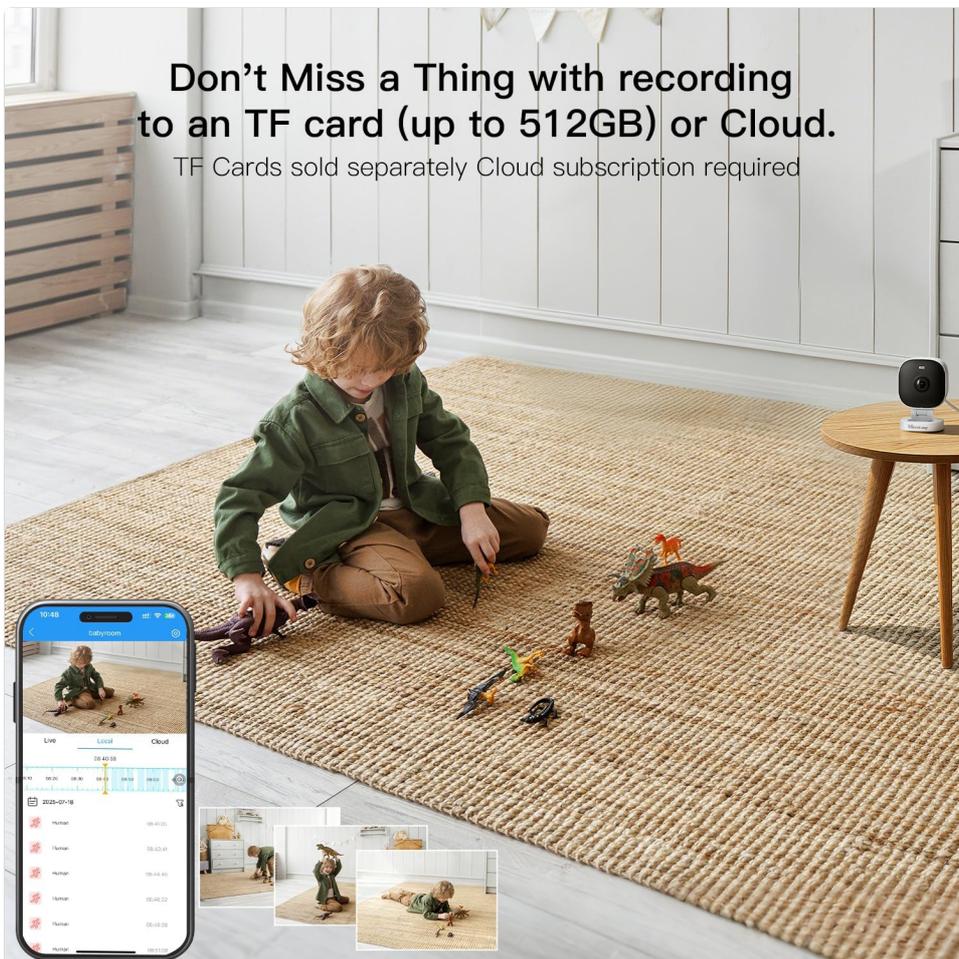


Image: Overview of Canny Cam app features, including those available with and without a cloud subscription.

4.7 Alexa Integration

The VIMTAG 8310 camera is compatible with Alexa, allowing for hands-free control and live streaming to compatible Alexa-enabled devices.

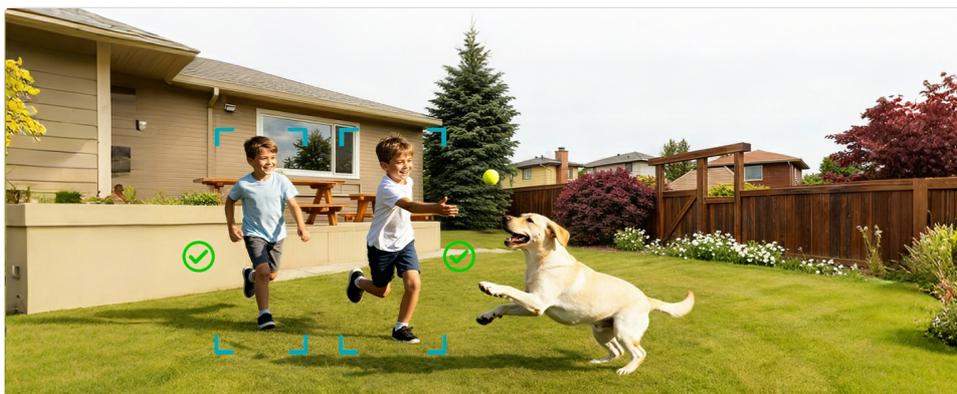


Image: Example of using Alexa to view the camera feed.

5. MAINTENANCE

To ensure the longevity and optimal performance of your VIMTAG 8310 camera, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the camera lens and body with a soft, dry cloth to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the Canny Cam app periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features and security enhancements.
- **Power Supply:** Ensure the camera is connected to a stable power source. Avoid using damaged cables or adapters.
- **Environmental Protection:** While the camera is IP65-rated for weather resistance, avoid direct exposure to extreme conditions or prolonged submersion in water.

6. TROUBLESHOOTING

If you encounter any issues with your VIMTAG 8310 camera, please refer to the following common troubleshooting tips or contact support:

- **No Power:** Ensure the power adapter is securely connected to both the camera and a working electrical outlet.
- **Wi-Fi Connection Issues:** Verify your Wi-Fi network is active and the camera is within range. Try restarting your router and the camera. Ensure you are connecting to the correct 2.4GHz or 5GHz network as supported by your router and camera settings.
- **App Connectivity Problems:** Check if your smartphone has a stable internet connection. Ensure the Canny Cam app is updated to the latest version. Try restarting the app or your phone.
- **Poor Video Quality:** Check your internet speed. A slow connection can affect streaming quality. Ensure the camera lens is clean.
- **Motion Detection Not Working:** Review the motion detection settings in the Canny Cam app to ensure they are configured correctly and sensitivity levels are appropriate.

Note: No relevant product videos with 'creator_type: Seller' were found in the provided data to include in this

section.

7. SPECIFICATIONS

Feature	Detail
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	Smartphone, iPhone, iPad, Android Phone, Android Pad
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi
Controller Type	APP
Mounting Type	Wall mount, Ceiling mount, Tabletop Mount, Freestanding, Door mount, Window mount
Video Capture Resolution	1440p (2.5K)
Color	White
Number of Items	2
Number of Channels	2
Wireless Communication Technology	Wi-Fi
Form Factor	Cube
Effective Video Resolution	4 MP
Viewing Angle	130 Degrees
Night Vision Range	33 Feet
Frame Rate	25 frames per second
Material	Plastic
Voltage	5 Volts
Wattage	5 watts
Item dimensions L x W x H	2.28 x 1.85 x 2.8 inches
Water Resistance Level	Waterproof (IP65)
Batteries Required?	No
Flash Memory Type	Micro SD
Item Weight	0.19 Kilograms (6.7 ounces)
Video encoding	H.264 & H.265

Feature	Detail
Shape	Rectangular
Focus Type	Auto Focus
Low light technology	Night Color
Zoom Type	Digital Zoom
Zoom Ratio	8
Alert Type	Audio and Motion
Light Source Type	LED, IR
Video Capture Format	MPEG-4
Photo Sensor Technology	CMOS
Effective Still Resolution	4 MP
International Protection Rating	IP66
Maximum Webcam Image Resolution	4 MP
Control Method	App, Remote
Number of IR LEDs	2
Flash Memory Supported Size Maximum	512 GB
Product Grade	Residential Area
Smart Home Compatibility	Smart Home Compatible
Cellular Technology	2.4G 5G
Audio Visual Recording Capabilities	Audio, Still Image, Video
Frequency Band Class	Dual-Band



Image: Product dimensions of the VIMTAG 8310 camera.

8. WARRANTY AND SUPPORT

For expert support with setting up and optimizing your VIMTAG cameras, please contact our support team:

- **Phone Support:** +1 (978) 437-5767
- **Availability:** Monday to Friday, 9:00 AM - 6:00 PM (ET)

VIMTAG is committed to providing lifetime technical support for its products. For any inquiries or assistance, please reach out to our dedicated support channels.



Image: VIMTAG Free Expert Support contact information.