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> VIZIUIY 5MP Outdoor Security Camera VZ-5D3-CA Instruction Manual

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Model: VZ-5D3-CA

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VIZIUIY 5MP Outdoor Security Camera, model VZ-5D3-CA. This camera is designed to provide reliable surveillance for your home or property with advanced features such as 5MP HD resolution, dual-band Wi-Fi (2.4/5GHz), auto-tracking, 24/7 recording, two-way audio, color night vision, and 360° PTZ control. Please read this manual thoroughly before use to ensure proper setup and functionality.

2. WHAT'S IN THE BOX



Image: Contents of the VIZIUIY 5MP Outdoor Security Camera package.

- Smart camera
- Charging cable
- User manual
- Mounting template
- Power adapter (charger)
- Screw accessories (screws and wall anchors)

3. PRODUCT OVERVIEW

Key Features

- **5MP HD Resolution:** Provides 2.5 times the clarity of standard 1080p cameras for detailed image capture.
- **Dual-Band Wi-Fi (2.4/5GHz):** Supports both 2.4 GHz for longer range and 5 GHz for faster transmission speeds, ensuring flexible and stable connectivity.
- **24/7 Recording:** Continuous surveillance with power adapter supply, eliminating weather-related power shortages.
- **Auto Tracking & PIR Alarm:** Advanced PIR sensor reduces false alarms and enables automatic tracking of detected motion, activating spotlights and alerts.
- **360° PTZ Control:** Remotely control 355° horizontal pan and 90° vertical tilt for comprehensive coverage.
- **Color Night Vision:** Enhanced with 14 bright spotlights for clear, full-color night vision up to 55 feet.
- **Two-Way Audio:** Communicate with individuals in the monitoring area through the camera's built-in microphone and speaker.
- **Custom Monitoring Zones:** Set specific areas for detection to focus on critical zones.
- **Alexa Compatibility:** Integrates with Alexa for voice-controlled live viewing.
- **Local & Cloud Storage:** Supports up to 128GB MicroSD card (not included) and offers lifetime free cloud storage for 6-second motion detection videos (7-day retention).
- **IP65 Waterproof:** Designed to withstand various weather conditions for outdoor use.

Camera Components



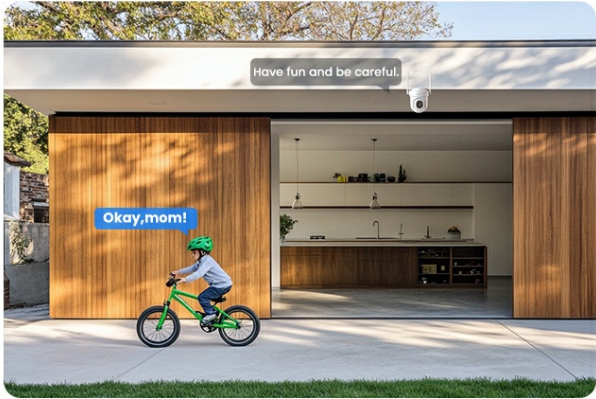
Image: Front view of the VIZIUY 5MP Outdoor Security Camera.

- **Camera Lens:** Captures video footage.
- **Infrared LEDs/Spotlights:** Provide illumination for night vision and deter intruders.
- **Microphone:** Captures audio for two-way communication and sound detection.
- **Speaker:** Outputs audio for two-way communication and alarms.
- **Antennas:** For Wi-Fi connectivity.
- **Power Port:** For connecting the power adapter.
- **MicroSD Card Slot:** For local video storage (under a protective cover).
- **Reset Button:** Used for resetting the camera (under a protective cover).

4. SETUP

4.1 Installation

The VIZIUUY VZ-5D3-CA camera supports both wall and ceiling mounting. Choose a location that provides optimal coverage and has access to a power outlet.



Live View & 2 Way Audio

With built-in microphone and speaker, you can hear and talk to anyone in view of the outdoor solar camera.



Image: Wall Mount and Ceiling Mount installation options.

1. **Select Location:** Identify a suitable outdoor location with a clear view and within Wi-Fi range.
2. **Mark Drilling Points:** Use the provided mounting template to mark the screw holes on the wall or ceiling.
3. **Drill Holes:** Drill holes at the marked points and insert wall anchors if necessary.
4. **Mount Camera:** Secure the camera bracket to the wall/ceiling using the screws.
5. **Adjust Angle:** Position the camera to your desired viewing angle.
6. **Connect Power:** Plug the power adapter into the camera and then into a power outlet.

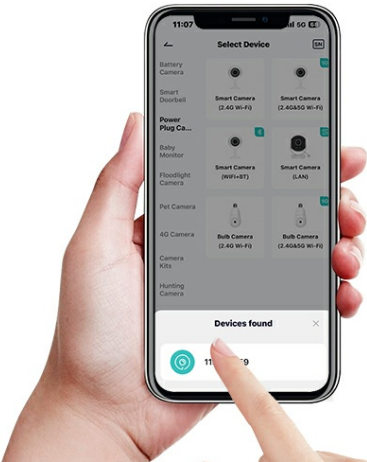
4.2 App Download and Account Creation

The VIZIUUY camera uses the CloudEdge app for control and monitoring.

- Download the **CloudEdge** app from the App Store (iOS) or Google Play Store (Android).
- Register for a new account or log in if you already have one.

4.3 Connecting the Camera

The camera supports Bluetooth for quick connection and dual-band Wi-Fi.



Bluetooth Quick Connection

This wifi security camera supports bluetooth connection. One-touch pairing, automatically pops up when connecting device, eliminates the hassle of searching for cameras and speeds up connections by up to 50%



Image: Bluetooth Quick Connection process.

1. **Power On:** Ensure the camera is powered on and the indicator light is flashing (usually blue or red, refer to app for specific status).
2. **Add Device:** Open the CloudEdge app, tap the "+" icon to add a new device.
3. **Bluetooth Pairing:** The app will automatically detect nearby VIZIUIY cameras via Bluetooth. Select your camera from the list.
4. **Wi-Fi Setup:** Select your 2.4GHz or 5GHz Wi-Fi network and enter the password. Ensure your phone is connected to the same Wi-Fi network.
5. **Scan QR Code:** If prompted, hold your phone with the QR code displayed towards the camera lens at a distance of 15-20 cm (6-8 inches) until you hear a confirmation sound.
6. **Connection Confirmation:** Once connected, the camera's indicator light will turn solid, and the app will confirm successful pairing.

Note: The camera supports both 2.4GHz and 5GHz Wi-Fi networks. If you experience connection issues, try switching between the two bands on your router or phone.

5. OPERATING INSTRUCTIONS

5.1 Live View and PTZ Control

Access the live feed from your camera through the CloudEdge app. You can manually control the camera's pan and tilt movements.



Cover More with PTZ Camera

Control the camera manually to pan 355° & tilt 90° to see every corner of your house, focus on the areas you care about.



Tilt: 90°
Pan: 355



Zoom:
4X Digital

Image: PTZ control interface in the CloudEdge app.

- In the live view, use the on-screen joystick or directional arrows to pan the camera 355° horizontally and tilt 90° vertically.
- Use the digital zoom feature to magnify specific areas of the image.

5.2 Motion Detection and Auto Tracking

The camera is equipped with an advanced PIR sensor and AI detection for accurate motion alerts and automatic tracking.

Smart Motion Tracking

Featuring AI auto-tracking, panning 355° horizontally and tilting 90° vertically to deliver complete surveillance coverage for homes and gardens.



Image: Automatic motion tracking in action.

- **Enable Auto Tracking:** In the app settings, activate the auto-tracking feature. The camera will automatically follow detected movement within its field of view.
- **PIR Sensitivity:** Adjust the PIR motion sensor sensitivity (Low, Medium, High) in the app settings to minimize false alarms.
- **Custom Motion Zones:** Define specific areas within the camera's view where motion detection should be active or ignored.
- **AI Detection:** The camera can differentiate between humans, vehicles, pets, and packages (some advanced detection features may require a paid subscription).

5.3 Night Vision

The camera provides clear surveillance even in low-light conditions with both infrared and color night vision options.



Full-Color Details by Spotlights

The spotlight can be motion-triggered or manually switched on/off, as a deterrent to intruders and light to catch more details.

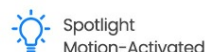


Image: Full-Color Night Vision enabled by spotlights.

- **Infrared Night Vision:** Automatically activates in low light for black and white video.
- **Color Night Vision:** The built-in spotlights can be set to activate upon motion detection or manually turned on to provide full-color video at night.

5.4 Two-Way Audio and Alerts

Communicate directly through the camera and receive instant notifications.

Sounds Detection

Dual protection of motion and noise for enhanced off-screen monitoring. It not only allows you to respond in time but also collects more important information for you.



Alert Message
decibel [Outdoor Cam]



Image: Sound detection feature.

- **Two-Way Talk:** Tap the microphone icon in the live view to speak through the camera's speaker. Tap the speaker icon to hear audio from the camera.
- **Siren and Spotlights:** Configure the camera to activate a siren and/or spotlights when motion is detected to deter intruders.
- **Push Notifications:** Receive instant alerts on your smartphone when motion or sound is detected.

5.5 Video Storage

The camera offers flexible storage options for your recordings.

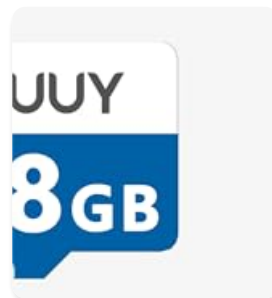


Image: VIZIUIUY MicroSD card for local storage.

- **MicroSD Card:** Insert a MicroSD card (up to 128GB, not included) into the camera's slot for continuous 24/7 local recording.
- **Cloud Storage:** The camera provides lifetime free cloud storage for 6-second motion-triggered video clips, retained for 7 days. Optional paid cloud plans may be available for extended storage.
- **H.265 Compression:** Utilizes H.265 video encoding to optimize storage space while maintaining video quality.

5.6 Smart Playback

Review recorded footage easily with smart filters and timelines.

- Access the "Playback" section in the CloudEdge app.
- Use the timeline to navigate through recordings or apply filters to quickly find specific events (e.g., motion detection).

5.7 Voice Control

Integrate your camera with smart home assistants for hands-free control.

- **Amazon Alexa:** Link your CloudEdge account to Alexa through the Alexa app. Use commands like "Alexa, show me

the [camera name]" to view the live feed on compatible devices.

- **Google Assistant:** Link your CloudEdge account to Google Assistant through the Google Home app. Use commands like "Hey Google, show me the [camera name]" to view the live feed on compatible devices.

5.8 Family Sharing

Share access to your camera with trusted family members or friends.

- In the CloudEdge app, go to the camera settings and select "Device Share."
- Invite other users by entering their CloudEdge account details. They will receive access to view the live feed and recordings.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the CloudEdge app periodically for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Power Supply:** Ensure the power adapter and cable are free from damage. A stable power supply is crucial for 24/7 operation.
- **Wi-Fi Signal:** Periodically check your Wi-Fi signal strength in the camera's location to ensure stable connectivity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera fails to connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Incorrect Wi-Fi band selected (only 2.4GHz or 5GHz supported); Router firewall settings.	Double-check Wi-Fi password. Move camera closer to router. Ensure you are connecting to a compatible 2.4GHz or 5GHz network. Temporarily disable firewall or adjust settings. Reset camera and try again.
Choppy or laggy video feed	Weak Wi-Fi signal; Network congestion; Insufficient internet bandwidth; App/device performance.	Improve Wi-Fi signal (e.g., use a Wi-Fi extender). Reduce network traffic. Check internet speed. Try viewing on a different device or reducing video quality in app settings.
Motion detection not working or too many false alarms	PIR sensitivity too low/high; Incorrect motion zone settings; Obstructions.	Adjust PIR sensitivity in app settings. Configure custom motion zones to exclude irrelevant areas. Ensure no objects are blocking the PIR sensor.
Two-way audio not working	Microphone/speaker disabled in app; Volume too low; Network issues.	Ensure microphone and speaker icons are enabled in the app. Check device volume. Verify stable network connection.
Camera not recording 24/7	No MicroSD card inserted; MicroSD card full or corrupted; Recording settings incorrect.	Insert a compatible MicroSD card. Format the MicroSD card in the app. Check recording settings to ensure 24/7 recording is enabled.
PTZ control unresponsive	Network lag; Mechanical issue.	Check network connection. Restart the camera. If the issue persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	VZ-5D3-CA
Brand	VIZIUUY
Connectivity Technology	Wireless (Bluetooth, Wi-Fi)
Video Capture Resolution	5 MP (2560 pixels effective still resolution)
Frame Rate	15 frames per second
Night Vision Range	55 feet (Color Night Vision)
Viewing Angle	355 degrees (Pan), 90 degrees (Tilt)
Zoom Type	Digital Zoom (4x)
Storage	Micro SD (up to 128 GB), Cloud Storage
Power Source	Corded Electric
Water Resistance Level	IP65 Waterproof
Compatible Devices	Desktop, Digital Video Recorder, Laptop, Smartphone, Tablet
Controller Type	Amazon Alexa, CloudEdge, Google Assistant, RTSP
Mount Type	Ceiling Mount and Wall Mount
Item Dimensions	10.9 x 10.4 x 12.4 centimetres

9. WARRANTY AND SUPPORT

- **Warranty:** This product comes with a 1-year manufacturer's warranty.
- **Returns:** Enjoy 60 days free return with no reason.
- **Contact Information:** For technical support or warranty claims, please contact VIZIUUY customer service at +1 (833) 544 2747.

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