

VSTARCAM BG69-TZ

VSTARCAM 4G LTE Cellular Security Camera

MODEL: BG69-TZ USER MANUAL



The VSTARCAM logo, representing the brand's commitment to security and innovation.

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your VSTARCAM BG69-TZ 4G LTE Cellular Security Camera. This advanced outdoor security camera offers reliable surveillance without the need for Wi-Fi, powered by an efficient solar panel for continuous operation.

Key Features:

- **4G LTE Connectivity:** Operates independently of Wi-Fi, ideal for remote locations.
- **Solar Powered:** Equipped with a 10000mAh rechargeable battery and 8W solar panel for uninterrupted power.
- **2K 3MP HD Resolution:** Provides clear and detailed video footage.
- **Full Color Night Vision:** Delivers vivid visual effects even in low-light conditions.
- **360° Viewing:** Features 345° horizontal and 55° vertical rotation for comprehensive coverage.
- **Human Detection & Smart Alerts:** Advanced AI identifies human figures and sends instant notifications.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **IP66 Waterproof:** Designed for outdoor use, resistant to rain and dust.
- **Flexible Storage:** Supports local Micro SD card (up to 256GB) and cloud storage options.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x VSTARCAM BG69-TZ Outdoor Camera
- 1 x 8W Solar Panel
- 1 x User Manual (this document)
- 1 x Set of Screws for installation

3. SETUP GUIDE

3.1 Camera Components Overview

Familiarize yourself with the camera and solar panel components before installation.

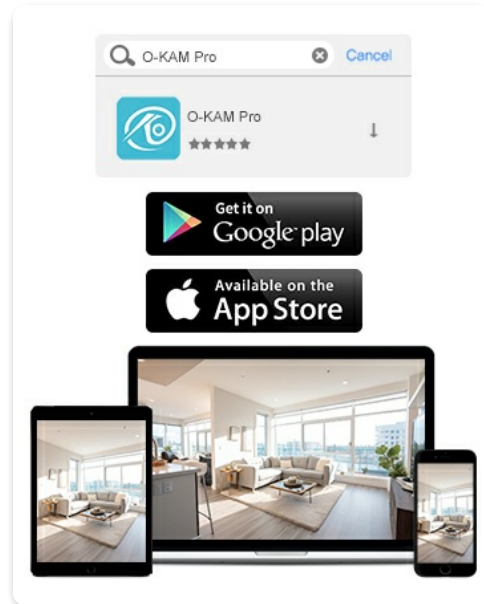


The VSTARCAM BG69-TZ 4G LTE Cellular Security Camera with its accompanying solar panel, designed for outdoor surveillance.

3.2 Installation Steps

1. **Insert SIM Card:** Locate the SIM card slot on the camera. Insert the provided 4G LTE SIM card (or your own compatible SIM card) into the slot. Ensure it is correctly oriented until it clicks into place.

2. **Insert Micro SD Card (Optional):** If you plan to use local storage, insert a Micro SD card (up to 256GB, not included) into the designated slot.
3. **Charge the Battery:** Before initial use, ensure the camera's built-in 10000mAh battery is sufficiently charged. Connect the solar panel to the camera and place the solar panel in direct sunlight for several hours.
4. **Download the App:** Download the "O-KAM Pro" app from the Google Play Store or Apple App Store. You can search for "O-KAM Pro" or scan the QR code provided in the quick start guide.



The O-KAM Pro app interface, showing search results for the app and its multi-device viewing capability.

5. **Add Device to App:** Open the "O-KAM Pro" app, create an account or log in. Follow the in-app instructions to add your device. This typically involves scanning the QR code located on the camera body.
6. **Mount the Camera:** Choose a suitable outdoor location with good 4G signal reception and ample sunlight for the solar panel. The camera supports three installation methods: Wall Mount, Hoisting, and Hanging. Use the provided screws to securely mount the camera and solar panel. Ensure the solar panel is positioned to receive maximum sunlight throughout the day.

4. OPERATING INSTRUCTIONS

4.1 Live View and Playback

Access live video feed and review recorded footage through the "O-KAM Pro" app. Use the app's interface to pan (345° horizontal) and tilt (55° vertical) the camera for a comprehensive view of your property.

4.2 Human Detection and Alerts

The camera features advanced AI human detection. When a human figure is detected, the camera will automatically track their movement within its view and send instant notifications to your smartphone. This helps reduce false alarms from pets or other non-human movements.



Illustration of the human detection feature, highlighting a detected human figure within the camera's field of view.

4.3 Two-Way Audio

Utilize the built-in high-sensitive microphone and speaker to engage in real-time two-way communication. This allows you to speak with visitors or deter intruders directly through the app.

4.4 Night Vision

The camera supports full-color night vision, providing clear and vivid images even in complete darkness. This ensures continuous monitoring capabilities 24/7.

4.5 Multi-User Sharing

Share access to your camera's feed with family members or trusted individuals through the "O-KAM Pro" app. Multiple users can view the camera simultaneously on various devices.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VSTARCAM security camera.

- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency.
- **Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Check the "O-KAM Pro" app regularly for available firmware updates. Keeping the camera's firmware updated ensures access to the latest features and security enhancements.
- **Battery Health:** While solar-powered, extreme prolonged periods without sunlight may deplete the battery. Ensure the solar panel receives adequate sunlight for consistent charging.

- **Environmental Protection:** The camera is IP66 waterproof, designed to withstand various weather conditions. However, avoid submerging the camera in water or exposing it to extreme temperatures beyond its operating range.

6. TROUBLESHOOTING

If you encounter issues with your VSTARCAM BG69-TZ camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; solar panel not charging.	Ensure solar panel is in direct sunlight. Allow several hours for charging. Check cable connection between camera and solar panel.
No 4G network connection.	SIM card not inserted correctly; no signal; incorrect APN settings.	Reinsert SIM card. Move camera to an area with better 4G signal. Consult your SIM card provider for APN settings if needed.
Cannot add device to "O-KAM Pro" app.	Incorrect QR code scan; app permissions.	Ensure QR code is clean and well-lit for scanning. Grant all necessary permissions to the "O-KAM Pro" app in your phone settings.
Frequent false alarms.	Sensitivity too high; environmental factors.	Adjust motion detection sensitivity in the app. Ensure camera is not pointed at busy roads or swaying trees if possible.
Poor image quality.	Dirty lens; low light conditions.	Clean the camera lens. Ensure adequate lighting for optimal image clarity, especially at night.

If the problem persists, please contact VSTARCAM customer support for further assistance.

7. SPECIFICATIONS

Detailed technical specifications for the VSTARCAM BG69-TZ camera:

Feature	Specification
Model Name	BG69-TZ
Indoor/Outdoor Usage	Outdoor
Connectivity Protocol	Cellular
Power Source	Solar Powered
Video Capture Resolution	3MP (2K HD)

Feature	Specification
Night Vision	Full Color Night Vision
Pan/Tilt Range	345° Horizontal, 55° Vertical
Human Detection	Yes, with AI tracking
Two-Way Audio	Yes
Storage Options	Micro SD Card (up to 256GB), Cloud Storage
Battery Capacity	10000 mAh
Solar Panel Wattage	8 watts
Waterproof Rating	IP66
Product Dimensions	4 x 4 x 8 inches
Item Weight	3.12 pounds
Compatible App	O-KAM Pro

8. WARRANTY AND SUPPORT

VSTARCAM products are designed for reliability and performance. For any technical assistance or warranty inquiries, please refer to the following:

- **Customer Support:** For immediate assistance, please visit the official VSTARCAM website or contact their customer support channels.
- **Warranty Information:** Your product is covered by a standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. Specific warranty terms and conditions can be found on the VSTARCAM official website or by contacting customer support.
- **Online Resources:** For additional FAQs, video tutorials, and software downloads, visit the [VSTARCAM Store on Amazon](#).

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