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> VSTARCAM VS-CS663DR 2MP Dual Lens Outdoor Security Camera User Manual

VSTARCAM VS-CS663DR

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Model: VS-CS663DR

1. INTRODUCTION

The VSTARCAM VS-CS663DR is a 2MP dual-lens outdoor security camera designed for comprehensive surveillance. It features dual lenses for wide-angle and telephoto views, 2.4GHz WiFi connectivity, motion detection with auto-tracking, two-way audio communication, and both full-color and infrared night vision capabilities. This manual provides detailed instructions for the setup, operation, and maintenance of your security camera.

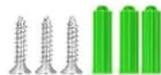
2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all items listed below are present in your package:

- VSTARCAM VS-CS663DR Dual Lens Security Camera
- Instruction Manual
- Power Adapter
- Mounting Screws
- Charging Cable
- Stand (for mounting)



User Manual



Screw

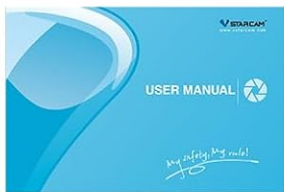


Power Adapter

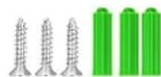
Image: Contents of the VSTARCAM VS-CS663DR package, including the camera, user manual, mounting screws, and power adapter.

3. PRODUCT OVERVIEW

The VS-CS663DR camera features a robust design with dual antennas for stable connectivity and dual lenses for comprehensive coverage. It is equipped with infrared and white light dual core lamp beads for enhanced night vision.



User Manual



Screw

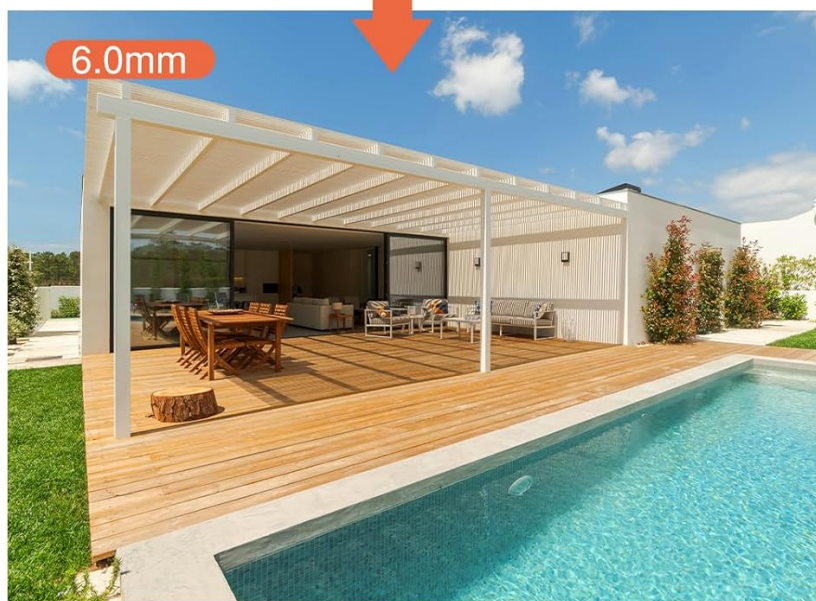
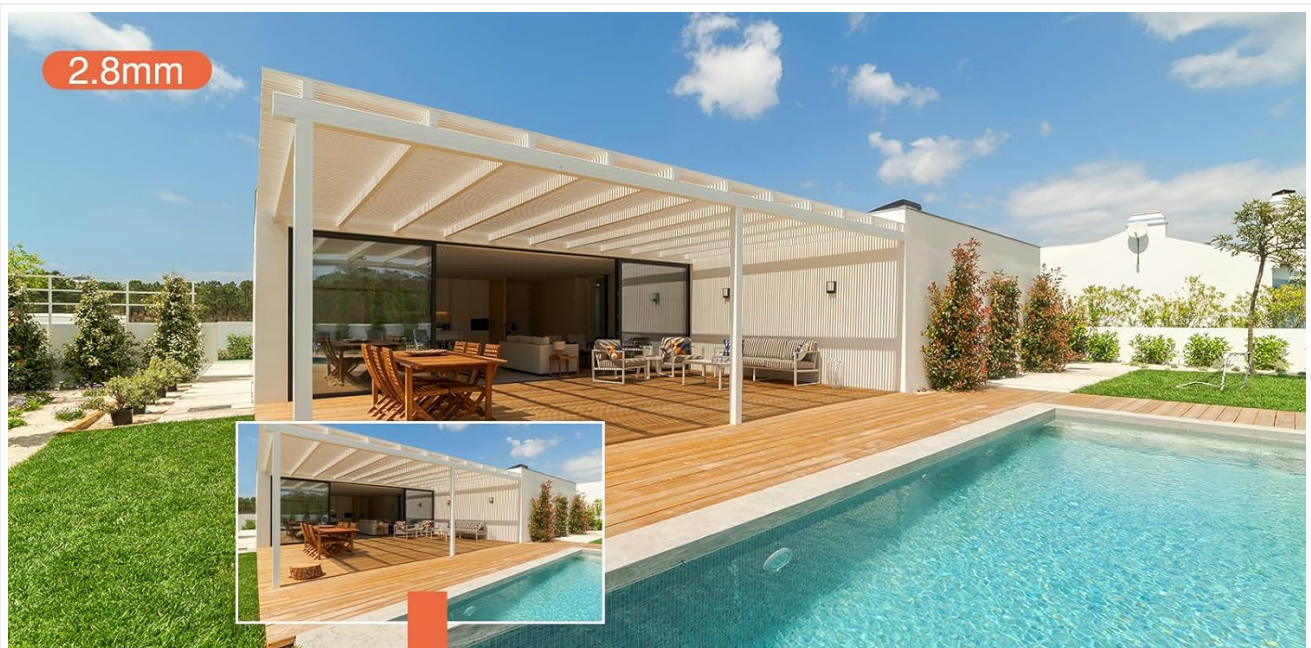


Power Adapter

Image: Detailed view of the VSTARCAM VS-CS663DR camera, highlighting its dimensions (approximately 18cm/7.08in width, 23cm/9.06in height, 14cm/5.51in depth) and components such as dual antennas, HD lenses, and microphone.

Dual Lens Functionality

This camera integrates two lenses: a 2.8mm wide-angle lens for a broad panoramic view and a 6.0mm telephoto lens for capturing detailed close-ups. Both views can be displayed simultaneously on one screen within the application.



Dual View One Screen



Image: Demonstrates the dual-view capability of the camera, showing a wide-angle perspective from the 2.8mm lens and a magnified view from the 6.0mm lens simultaneously.

Pan and Tilt Movement

The camera offers a horizontal rotation of 350° (Pan) and a vertical tilt of 90°, allowing for extensive coverage of your surveillance area. This movement can be controlled remotely via the mobile application.

Dual-lens outdoor camera



Power Supply



2.4Ghz



5Ghz

Pan 360°

Pan 350°

Tilt 90°



Image: The VSTARCAM outdoor camera illustrating its pan (360°) and tilt (90°) rotation angles, providing flexible monitoring.

4. SETUP

4.1 Physical Installation

The camera can be mounted on a wall or placed on a desktop using the included bracket. Ensure the mounting location provides a clear view of the desired surveillance area and is within range of your 2.4GHz WiFi network.

1. **Choose Location:** Select a suitable outdoor location for optimal coverage.
2. **Mounting:** Use the provided screws and stand to securely attach the camera to a wall or place it on a stable surface for desktop mounting.
3. **Power Connection:** Connect the power adapter to the camera and plug it into a power outlet.

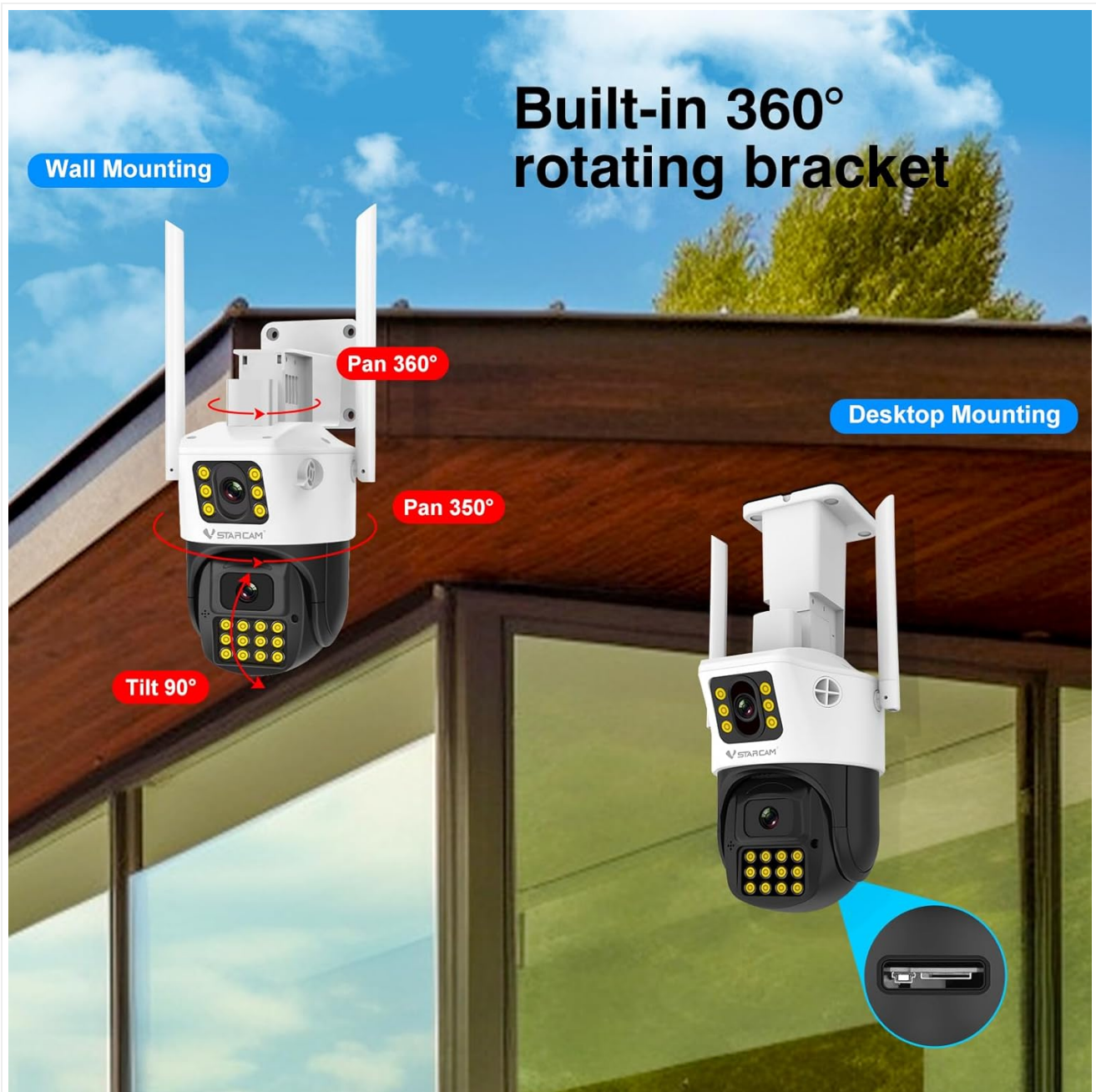


Image: The camera's versatile mounting options, illustrating how it can be installed on a wall or placed on a desktop using its integrated rotating bracket.

4.2 App Installation and Network Connection

To operate the camera, you need to download and install the O-KAM mobile application on your smartphone.

1. **Download App:** Search for "O-KAM" in your smartphone's app store (iOS or Android) and install it.
2. **Register/Login:** Open the O-KAM app and create a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your VS-CS663DR camera. Ensure your smartphone is connected to a 2.4GHz WiFi network during this process, as the camera does not support 5GHz WiFi.
4. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code on the camera or listening for an audio prompt.

5. OPERATING INSTRUCTIONS

5.1 Motion Detection and Auto-Tracking

The camera is equipped with advanced motion detection and humanoid detection capabilities. When motion or a human figure is detected, the camera can automatically track the subject and send alerts to your O-KAM app.

- **Activation:** Enable motion detection and humanoid tracking in the O-KAM app settings for your camera.
- **Alerts:** Upon detection, the camera can emit a white light alarm deterrent and send push notifications to your phone.

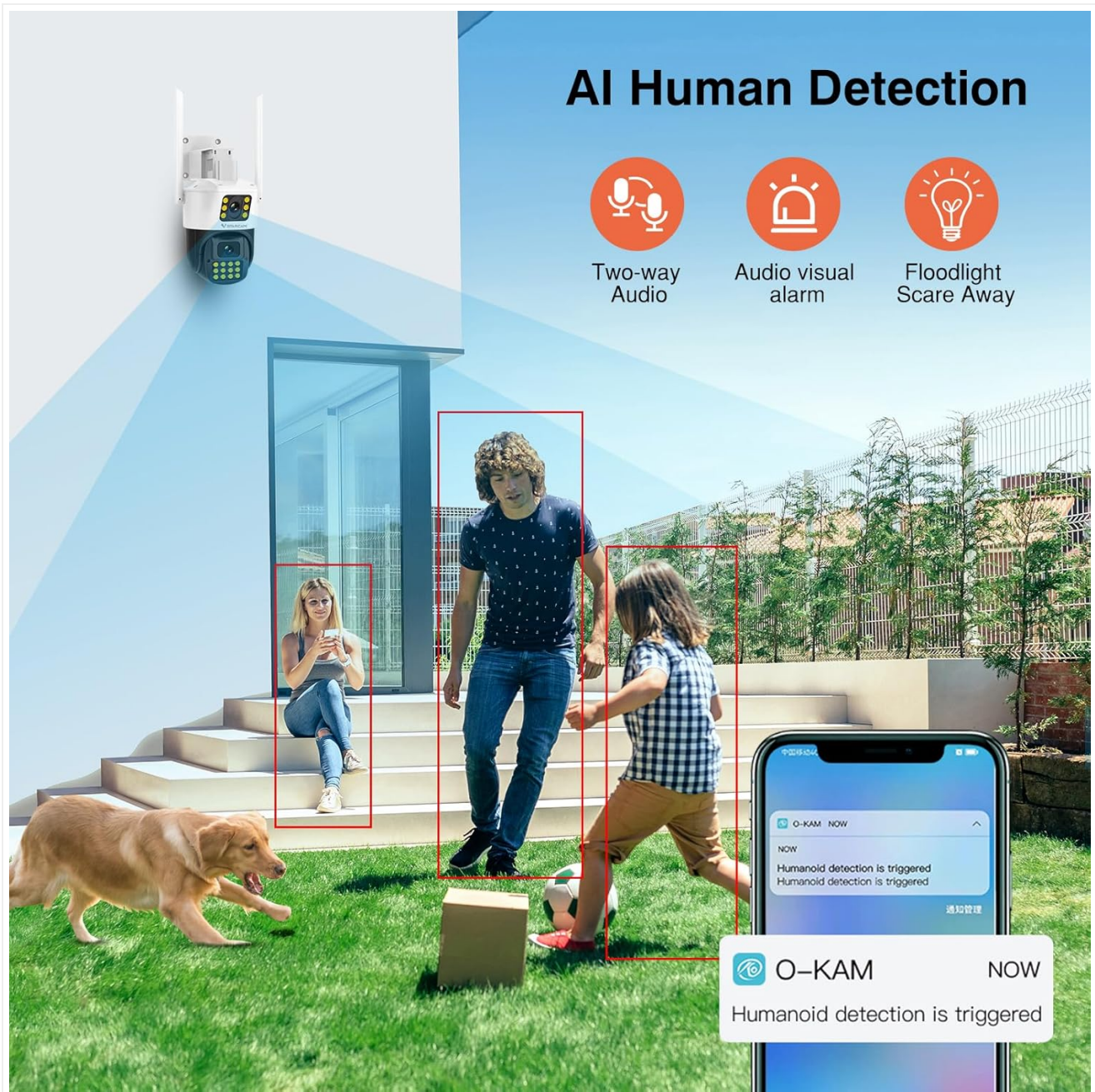


Image: The camera's AI Human Detection feature in action, showing how it identifies individuals and triggers alerts, two-way audio, and floodlight deterrence.

5.2 Two-Way Talk

Utilize the built-in microphone and speaker for two-way audio communication. This allows you to speak to individuals near the camera and hear their responses through the O-KAM app.

- **Initiate Talk:** Access the live view in the O-KAM app and tap the microphone icon to begin two-way communication.

5.3 Night Vision

The camera provides both full-color and infrared night vision, ensuring clear monitoring in low-light or complete darkness up to 30 meters.

- **Modes:** The camera can automatically switch between infrared (black and white) and full-color night vision depending on ambient light conditions or user settings.

5.4 Remote Monitoring and Multi-User Sharing

Access live footage and recorded videos from anywhere using the O-KAM app, provided your camera is connected to the internet. You can also share camera access with family members.

- **Live View:** Open the O-KAM app to view real-time footage.
- **Sharing:** Use the sharing function within the app to grant access to other users.

5.5 Storage Options

The camera supports local storage via a T-Flash (microSD) card (up to 256GB, not included) for 24/7 continuous recording, as well as cloud storage services (subscription may be required).

- **SD Card Installation:** Insert a compatible microSD card into the designated slot on the camera. Format the card via the app if prompted.
- **Cloud Storage:** Explore cloud storage options and subscription details within the O-KAM app.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Periodically clean the camera lenses and housing with a soft, damp cloth. Avoid abrasive cleaners.
- **Firmware Updates:** Check the O-KAM app regularly for firmware updates. Keeping the firmware updated ensures access to the latest features and security enhancements.
- **Weather Protection:** The camera has an IP66 waterproof rating, making it suitable for outdoor use in various weather conditions. However, avoid direct high-pressure water jets.

IP66 Waterproof



Anti fog

Sunscreen

rain-proof

Snow prevention

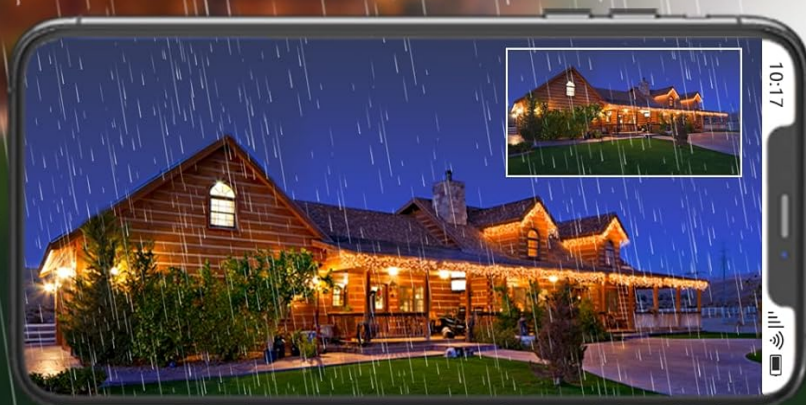


Image: The camera's IP66 waterproof rating, demonstrating its resilience against various environmental factors like fog, sun, rain, and snow.

7. TROUBLESHOOTING

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

Problem	Possible Solution
Camera is offline/cannot connect to WiFi	<ul style="list-style-type: none">• Ensure your router is broadcasting a 2.4GHz WiFi signal.• Check WiFi signal strength at the camera's location.• Restart the camera and your router.• Re-add the camera in the O-KAM app.

Problem	Possible Solution
No recording to SD card	<ul style="list-style-type: none"> • Ensure the SD card is correctly inserted. • Format the SD card via the O-KAM app. • Check if the SD card is full or corrupted. • Verify recording settings in the app.
Motion detection not working	<ul style="list-style-type: none"> • Ensure motion detection and humanoid detection are enabled in the app. • Adjust sensitivity settings. • Check for obstructions in the camera's field of view.
Poor image quality at night	<ul style="list-style-type: none"> • Ensure the camera lens is clean. • Check if night vision mode is active. • Remove any reflective surfaces near the camera that might interfere with infrared light.

8. SPECIFICATIONS

Detailed technical specifications for the VSTARCAM VS-CS663DR camera:

- **Model Name:** VS-CS663DR
- **Effective Still Resolution:** 2 MP
- **Photo Sensor Resolution:** 4 MP
- **Video Capture Resolution:** 1080p
- **Frame Rate:** 25 frames per second
- **Connectivity Technology:** Wired, Wi-Fi (2.4GHz only)
- **Wireless Technology:** Wi-Fi
- **Special Feature:** 2-Way Audio, Motion Detection, Auto Tracking, Night Color
- **Indoor/Outdoor Usage:** Outdoor
- **Viewing Angle:** 360 Degrees (Pan 350°, Tilt 90°)
- **Night Vision Range:** 30 Meters
- **Waterproof Rating:** IP66
- **Storage:** Supports T-Flash card (max 256GB), Cloud Storage
- **Control Method:** App (O-KAM)
- **Power Source:** Corded Electric
- **Operating Condition Temperature:** -10°C to 50°C
- **Operating Condition Humidity:** <90%
- **Item Dimensions:** 6.08 x 5.5 x 8.06 inches
- **Enclosure Material:** Plastic

9. WARRANTY AND SUPPORT

VSTARCAM products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to

the warranty card included in your package or visit the official VSTARCAM website. For technical support, troubleshooting assistance, or service inquiries, please contact VSTARCAM customer support through their official channels.

- **Manufacturer:** VSTARCAM
- **Online Support:** Refer to the VSTARCAM official website for FAQs, support resources, and contact information.