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› VSTARCAM 3MP Wired Security Camera Outdoor User Manual

VSTARCAM CS661

VSTARCAM 3MP Wired Security Camera Outdoor User Manual

Model: CS661

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VSTARCAM 3MP Wired Security Camera Outdoor (Model: CS661). Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The VSTARCAM CS661 is a high-resolution 3MP outdoor security camera featuring 2.4G WiFi connectivity, Pan/Tilt/Zoom (PTZ) capabilities, motion detection, two-way audio, and color night vision. It is designed for reliable surveillance in various outdoor conditions.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- VSTARCAM 3MP Wired Security Camera (Model: CS661)
- Power Adapter
- Mounting Stand
- Charging Cable
- Mounting Screws
- Instruction Manual (this document)

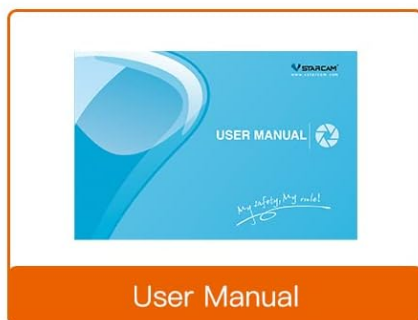


Figure 2.1: Package Contents - VSTARCAM CS661 camera, user manual, mounting screws, and power adapter.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and features of the VSTARCAM CS661 camera.



Figure 3.1: VSTARCAM CS661 Camera Front View and Live Feed Example.

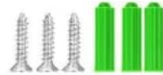
3.1 Key Features

- **3MP High Resolution:** Provides clear and detailed 2560x1440 video.
- **2.4G WiFi Connectivity:** Supports stable wireless connection (5Ghz WiFi not supported).
- **Pan/Tilt Functionality:** 350° horizontal rotation and 95° vertical tilt for wide coverage.
- **Color Night Vision:** Equipped with infrared and white LED lights for clear night viewing up to 25m.
- **Motion Detection & Alerts:** Real-time alerts via mobile app upon motion detection.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication.
- **IP66 Weatherproof:** Durable design for outdoor use in various weather conditions.
- **Multiple Storage Options:** Supports Micro SD card up to 256GB (not included) and cloud storage.

3.2 Camera Components



User Manual



Screw



Power Adapter

Figure 3.2: VSTARCAM CS661 Camera Components (Note: Image is reused for illustrative purposes of component locations, refer to text for specific details).

- **Dual Antennas:** For stable WiFi connection.
- **High-Definition Lens:** Captures 3MP video.
- **Infrared & White LED Lights:** For night vision and illumination.
- **Red & Blue Warning Lights:** Visual alerts for detected motion.
- **Micro SD Card Slot:** Supports up to 256GB for local storage.
- **Reset Button:** For factory reset.
- **Power Input:** Connects to the power adapter.
- **RJ45 Port:** For wired network connection (optional).

4. SETUP AND INSTALLATION

4.1 Initial Setup

1. **Download the App:** Scan the QR code below or visit the official website to download the "Eye4" or "O-KAM" app from your mobile app store (Google Play or Apple App Store).



Scan to download Eye4 or O-KAM APP.

Official Eye4 App Download: <http://www.eye4.cn/AppDown.html>

2. **Register an Account:** Open the app and follow the on-screen instructions to register a new user account.
3. **Power On the Camera:** Connect the camera to the power adapter using the provided charging cable. The camera will power on and initiate its startup sequence.
4. **Connect to WiFi:**
 - In the app, select "Add Device" or the "+" icon.
 - Choose the appropriate camera model or scan the QR code on the camera itself if prompted.
 - Follow the app's instructions to connect the camera to your 2.4GHz WiFi network. *Note: 5GHz WiFi is not supported.*
 - The app may require you to scan a QR code displayed on your phone screen with the camera's lens to establish the connection.

Your browser does not support the video tag.

Video 4.1: Guide on connecting the VSTARCAM camera to WiFi using the O-KAM APP.

5. **Device Binding:** Once connected, the camera will bind to your account in the app. You can then name your camera and begin live viewing.

4.2 Physical Installation

The VSTARCAM CS661 is designed for wall mounting. Choose a suitable location that provides optimal viewing angles and is within range of your WiFi network and a power outlet.

1. **Select Location:** Identify a secure outdoor location, preferably under an overhang or eave for added protection from direct elements, ensuring a clear line of sight to the area you wish to monitor.
2. **Mark Drilling Points:** Use the mounting stand as a template to mark the positions for drilling holes on the wall.
3. **Drill Holes:** Drill holes at the marked positions and insert the wall plugs if necessary.
4. **Mount the Camera:** Secure the mounting stand to the wall using the provided screws. Attach the camera to the mounting stand.
5. **Adjust Angle:** Once mounted, adjust the camera's physical angle to cover the desired area. Fine-tuning can be done remotely via the app's Pan/Tilt controls.

5. OPERATING THE CAMERA

5.1 Live View and Remote Control

Access the live feed and control your camera remotely through the Eye4/O-KAM app.

- Open the app and select your camera from the device list.
- The live video feed will appear.
- Use the on-screen joystick or directional arrows to control the camera's Pan (horizontal) and Tilt (vertical) movements.
- Tap the screen to access additional controls like snapshot, record, and audio options.



Figure 5.1: App Interface for Pan/Tilt Control and Live View.

5.2 Two-Way Audio

The camera supports two-way audio communication.

- In the live view interface, tap the "Intercom" or microphone icon.
- Hold the icon to speak through the camera's speaker. Release to listen.



2-way Audio & Remote Live View



Figure 5.2: Two-Way Audio Functionality.

5.3 Night Vision Modes

The camera offers three night vision modes:

- **IR Night Vision:** Uses infrared lights for black and white video in low light.
- **Full Color Night Vision:** Activates white LED lights for full-color video in the dark.
- **Smart Night Vision:** Automatically switches between IR and full-color based on detected motion or light conditions.

You can switch between these modes in the app settings for your camera.

3MP 0.8-Inch WiFi Sound & Light Alarm Small Waterproof Camera



Figure 5.3: Night Vision Modes - Full Color and Infrared.

5.4 Motion Detection and Alerts

Configure motion detection settings to receive alerts on your mobile device.

- Navigate to the camera settings in the app.
- Enable "Motion Detection" and adjust sensitivity levels as needed.
- Set up "Alert Notifications" to receive real-time push notifications.
- The camera supports humanoid detection and tracking, which can be configured for more precise alerts.

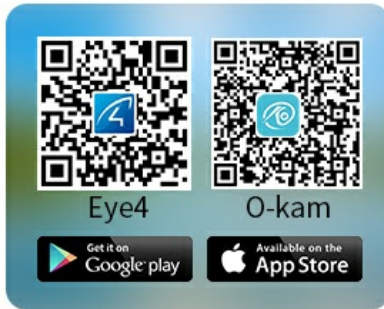
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Video 5.4: Demonstration of VSTARCAM 3MP Wired Security Camera Outdoor features, including humanoid detection and real-time alerts.

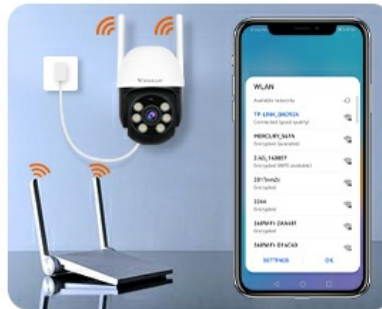
5.5 Storage Options

The camera supports both local and cloud storage.

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot on the camera for continuous or event-triggered recording.
- **Cloud Storage:** Subscribe to cloud storage services via the app for secure, remote access to your recordings and to prevent data loss.



1.Download and register Eye4/O-KAM APP.



2.Power on the camera and select 2.4GHz WiFi
(Not Support 5GHz WiFi)



3.Check out the manual for a quick 2 minute networking step-by-step guide to successful networking.

Figure 5.5: Storage Options - Micro SD Card and Cloud Storage.

6. MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lens and body with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals.
- **Firmware Updates:** Check the app regularly for firmware updates to ensure optimal performance and security.
- **Power Supply:** Ensure the power supply connection is secure and free from damage.
- **Network Stability:** Maintain a stable 2.4GHz WiFi connection for uninterrupted operation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	No power; WiFi disconnected; Router issue	Check power connection; Verify WiFi signal strength; Restart router and camera.
Cannot connect to WiFi	Incorrect WiFi password; 5GHz network used; Weak signal	Ensure correct 2.4GHz WiFi password; Connect to 2.4GHz network; Move camera closer to router.

Problem	Possible Cause	Solution
Poor video quality	Insufficient bandwidth; Dirty lens	Check internet speed; Clean camera lens.
Motion alerts not working	Motion detection disabled; App notifications off	Enable motion detection in app; Allow app notifications in phone settings.
Two-way audio issues	Microphone/speaker blocked; App permissions	Ensure clear path for audio; Grant microphone permissions to the app.

8. SPECIFICATIONS

Feature	Detail
Model	CS661
Resolution	3MP (2560x1440)
Connectivity	2.4GHz WiFi (IEEE 802.11b/g/n), Wired (RJ45)
Pan/Tilt Range	Horizontal 350°, Vertical 95°
Night Vision	IR Night Vision, Full Color Night Vision, Smart Night Vision (up to 25m)
Audio	Two-Way Audio
Storage	Micro SD Card (up to 256GB), Cloud Storage
Weatherproof Rating	IP66
Power Supply	Corded Electric (6 watts)
Dimensions	3.14 x 3.14 x 3.44 inches
Weight	15.1 ounces

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official VSTARCAM website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For more information and support resources, visit: [VSTARCAM Support Page](#)

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