

EVTSCAN R7

EVTSCAN 2.4GHz WiFi Camera User Manual

Model: R7

1. INTRODUCTION

Thank you for choosing the EVTSCAN 2.4GHz WiFi Camera. This 4K HD mini security camera (Model R7) is designed for discreet surveillance with features such as motion detection, night vision, and remote access via a mobile application. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x EVTSCAN R7 WiFi Camera
- 2 x Mounting Brackets
- 1 x Card Reader
- 1 x USB Charging Cable
- 1 x User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the camera's components and accessories.



Figure 3.1: EVTSCAN R7 WiFi Camera and its accessories, including two mounting brackets, a USB cable, and a card reader.



Figure 3.2: Top view of the camera, highlighting the 'R' (Reset) button and 'ON' (Power) button, along with the status indicator area.



Figure 3.3: Side view of the camera, illustrating the microSD card slot for local storage and the Micro USB port for charging and data transfer.

4. SETUP

4.1 Charging the Battery

Before first use, fully charge the camera's built-in 3500mAh lithium battery. Connect the camera to a USB power source (e.g., computer, wall adapter) using the provided USB cable. The charging indicator light will show the charging status.

4.2 Inserting a Memory Card

The camera supports a small memory card (up to 256GB, FAT32 format required) for local storage. Gently insert the memory card into the designated slot (refer to Figure 3.3) with the contacts facing down until it clicks into place. Ensure the camera is powered off before inserting or removing the card.

4.3 App Installation and Wi-Fi Connection

1. **Download the App:** Search for "O KAM" in your smartphone's app store (Android/iOS) and install it.
2. **Power On Camera:** Press and hold the 'ON' button (Figure 3.2) until the indicator light illuminates.
3. **App Registration:** Open the O KAM app and follow the on-screen instructions to register an account.
4. **Add Device:** In the app, select "Add Device" or the '+' icon. Follow the prompts to connect the camera to your 2.4GHz Wi-Fi network. *Note: This camera only supports 2.4GHz Wi-Fi.*
5. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code displayed on your phone with the camera's lens or connecting to the camera's temporary Wi-Fi hotspot.

4.4 Mounting the Camera

Use the provided mounting brackets to position the camera in your desired location. The brackets allow for flexible adjustment of the camera's angle. Ensure the camera has a clear line of sight and is within range of your Wi-Fi network.





Figure 4.1: Camera attached to one of the adjustable mounting brackets, demonstrating a typical installation configuration.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** Press and hold the 'ON' button for approximately 3 seconds until the indicator light turns on.
- **Power Off:** Press and hold the 'ON' button for approximately 3 seconds until the indicator light turns off.

5.2 Recording Modes

The camera supports various recording modes, configurable via the O KAM app:

- **Continuous Recording:** Records continuously to the inserted memory card or cloud storage (if subscribed).
- **Motion Detection Recording:** The camera automatically starts recording when motion is detected. Sensitivity can be adjusted in the app.
- **Human Body Sensing Automatic Start:** Utilizes advanced detection to minimize false alarms and record only when human presence is detected.
- **Scheduled Recording:** Set specific times for the camera to record.

5.3 Night Vision

The camera features black and white night vision with 6pcs 940nm non-luminous SMD night vision lights, providing an illumination distance of 5-6 meters. Night vision activates automatically in low-light conditions due to its photosensitive automatic SU light switching. This setting can typically be managed within the O KAM app.

5.4 Remote Viewing and Control

Once connected to Wi-Fi, you can remotely view live footage, access recorded videos, and adjust camera settings using the O KAM app on your smartphone or tablet. This includes features like:

- Live video streaming
- Playback of recorded footage
- Adjusting motion detection sensitivity
- Enabling/disabling notifications
- Two-way audio (if supported by the app and camera hardware)

6. MAINTENANCE

6.1 Cleaning

To maintain clear image quality, regularly clean the camera lens with a soft, dry, lint-free cloth. Do not use harsh chemicals or abrasive materials. Wipe the camera body with a slightly damp cloth if necessary, ensuring no moisture enters ports.

6.2 Battery Care

To prolong battery life, avoid exposing the camera to extreme temperatures. Charge the battery regularly, even if the camera is not in constant use. If storing for an extended period, charge the battery to about 50% and store in a cool, dry place.

6.3 Memory Card Management

Periodically format the memory card through the O KAM app to ensure optimal performance and prevent data corruption. Back up important recordings before formatting.

6.4 Firmware Updates

Check the O KAM app periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security patches, and performance improvements.

7. TROUBLESHOOTING

If you encounter issues with your EVTSCAN WiFi Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on	Low battery; faulty cable/charger	Charge the camera fully. Try a different USB cable or power adapter.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz network; camera too far from router	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Reset camera and try pairing again.
Poor image quality	Dirty lens; low light; network issues	Clean the camera lens. Ensure adequate lighting or proper night vision activation. Check Wi-Fi signal strength.
Motion detection not working	Incorrect settings; environmental factors	Adjust motion detection sensitivity in the O KAM app. Ensure camera is positioned correctly.
App not responding	App glitch; outdated app version	Close and restart the app. Check for app updates in your app store. Reinstall the app if necessary.

If the problem persists, please refer to the support section or contact customer service.

8. SPECIFICATIONS

Model	R7
Image Sensor	F37, 1/3CMOS
Video Resolution	4K, 1080P, 640P (selectable)
Video Capture Format	MP4
Visual Angle	160°
Night Vision Type	Black and white night vision, photosensitive automatic SU light switching, 6pcs 940nm non-luminous SMD lights
Night Vision Illumination Distance	5-6 meters
Audio	Built-in Microphone
Wi-Fi Frequency	2.4GHz (IEEE 802.11b/g/n)
App Compatibility	O KAM (Android, iOS)
Storage Method	MicroSD card (up to 256GB, FAT32 format required), 3-day cloud storage
Power Supply	Built-in 3500mAh Lithium Battery
Control Method	App, Remote
Alert Type	Motion Only
Mounting Type	Wall Mount
Item Weight	0.22 Kilograms (approx. 7.7 ounces)

9. WARRANTY AND SUPPORT

EVTSCAN products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official EVTSCAN website. If you require technical assistance or have questions not covered in this manual, please contact EVTSCAN customer support through the contact information provided on their website or within the O KAM application.

