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› [EVERSECU](#) /

› [EVERSECU 2K 3.0MP Outdoor WiFi PTZ Security Camera \(Model WSWO9-30D\) User Manual](#)

EVERSECU WSWO9-30D

EVERSECU 2K 3.0MP Outdoor WiFi PTZ Security Camera (Model WSWO9-30D) User Manual

Model: WSWO9-30D

1. INTRODUCTION

Thank you for choosing the EVERSECU 2K 3.0MP Outdoor WiFi PTZ Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your security camera. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- **Power Supply:** Use only the provided power adapter. Ensure the power source meets the camera's requirements.
- **Installation Environment:** Install the camera in a location that provides stable Wi-Fi signal. Avoid direct exposure to extreme temperatures or corrosive environments.
- **Water Resistance:** The camera is rated IP65 for outdoor use, providing protection against dust and water jets. Do not submerge the camera in water.
- **Cable Management:** Secure all cables to prevent tripping hazards or damage.
- **Servicing:** Do not attempt to disassemble or repair the camera yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- EVERSECU 2K 3.0MP Outdoor WiFi PTZ Security Camera (4 units)
- Power Adapters (4 units)
- Mounting Screws and Anchors
- User Manual (this document)

4. PRODUCT OVERVIEW

The EVERSECU WSWO9-30D is a versatile outdoor PTZ security camera featuring 2K 3.0MP resolution, dual-band 2.4G&5G WiFi connectivity, auto-tracking, two-way audio, and advanced night vision capabilities. It is designed for comprehensive outdoor surveillance.



Figure 4.1: EVERSECU PTZ Security Camera with dual-band WiFi indication.

355° Pan 90° Tilt

Automatic tracking or manual control at your choice



Figure 4.2: Camera demonstrating 355° Pan and 90° Tilt movement.



Figure 4.3: Camera showcasing IP65 waterproof design for outdoor conditions.

5. SETUP

5.1 App Installation and Initial Connection

1. Download the O-KAM App from your mobile device's app store (iOS or Android).
2. Register for an account and log in.
3. Power on the camera using the provided adapter.
4. Follow the in-app instructions to add your camera. Ensure your phone is connected to a 2.4GHz or 5GHz Wi-Fi network during setup.
5. During setup, you will be prompted to set a password for the camera. This password is crucial for enabling ONVIF functionality and accessing the camera via NVR or other third-party software.

5.2 Physical Installation

Choose a suitable outdoor location for mounting the camera, ensuring it has a clear view of the area you wish to monitor

and is within range of your Wi-Fi network. Use the provided mounting screws and anchors to securely attach the camera to a wall or ceiling.

5.3 NVR Integration (ONVIF/RTSP)

The camera supports ONVIF and RTSP protocols for integration with Network Video Recorders (NVRs) and other third-party software like Blue Iris, iSPY, ZoneMinder, and VLC.

1. **Enable ONVIF Password:** In the O-KAM app, navigate to the camera's settings and enable the plaintext password for ONVIF. Set a strong password.
2. **Connect NVR:** Connect your NVR to the same network as the camera.
3. **Search for Camera:** On your NVR interface, search for IP cameras. The NVR should detect the EVERSECU camera via ONVIF protocol.
4. **Add Camera:** Add the camera to the NVR using the camera's IP address, the username (typically 'admin'), and the password you set in the O-KAM app. The default RTSP port is 10554 and the ONVIF port is 10080.

Your browser does not support the video tag.

Video 5.1: Instructions on how to add EVERSECU cameras to an NVR system.



Figure 5.1: Camera integration with an NVR for continuous recording.

6. OPERATING INSTRUCTIONS

6.1 Live View and PTZ Control

Open the O-KAM app to access the live feed from your camera. Use the on-screen controls to pan (355° horizontal) and tilt (90° vertical) the camera lens to adjust the viewing angle. The camera also supports automatic tracking of detected motion.

6.2 Two-Way Audio

The camera features a built-in microphone and speaker. In the live view interface of the O-KAM app, tap the microphone icon to speak through the camera and the speaker icon to listen to audio from the camera's location.

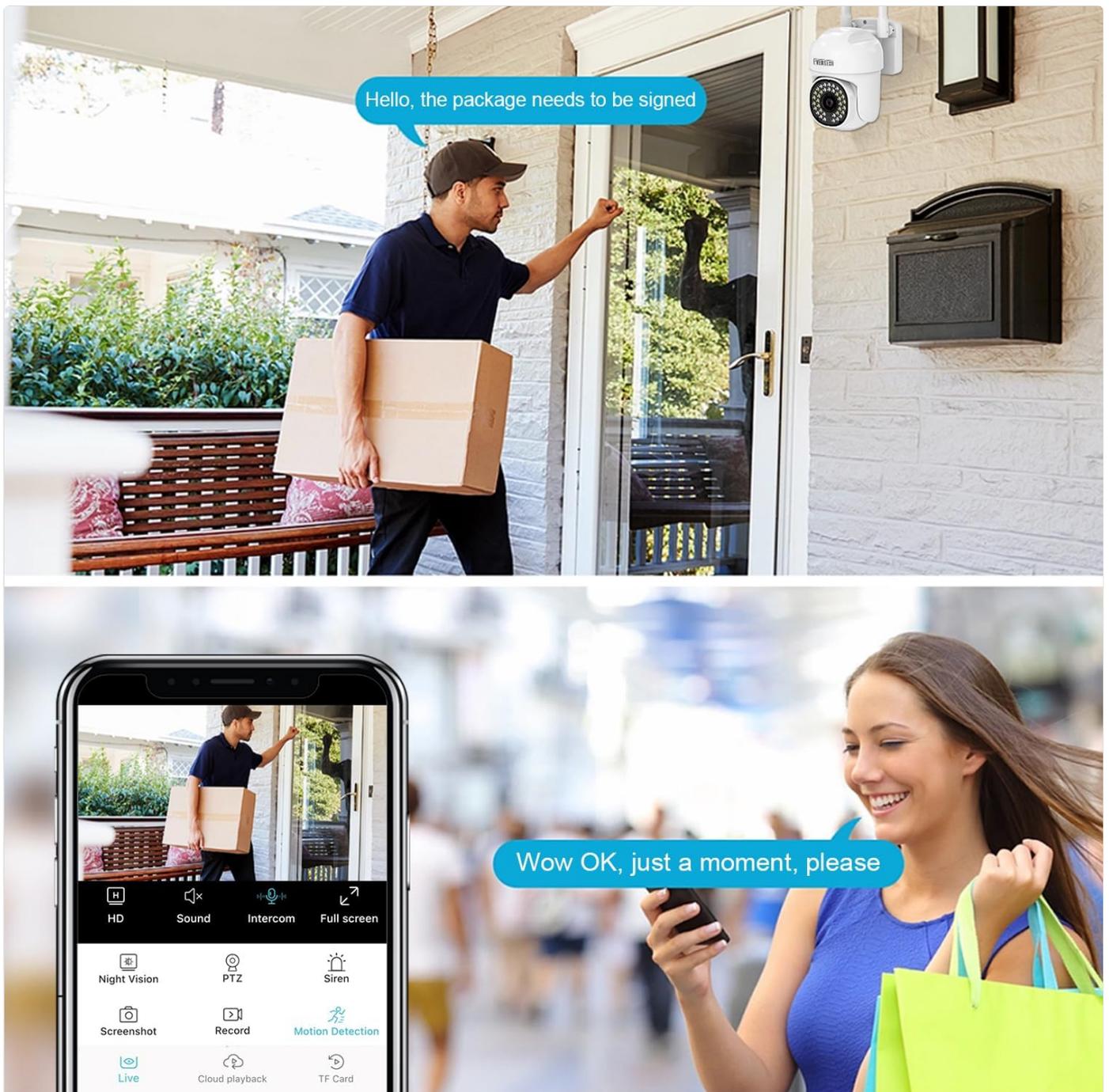


Figure 6.1: Using two-way audio to communicate through the camera.

6.3 Night Vision Modes

The camera offers both color and infrared night vision. You can configure the night vision mode in the app settings:

- **Infrared Mode:** Provides clear black and white video in low light conditions using infrared LEDs.
- **Color Night Vision:** Utilizes built-in lights to provide full-color video even in very dark environments.
- **Smart Mode:** Automatically switches between infrared and color night vision based on detected motion or light conditions.



Figure 6.2: Example of immersive color night vision.

6.4 Motion Detection and Alerts

The camera features intelligent motion and human detection. When motion is detected, the camera can send real-time alerts to your phone and initiate recording. You can adjust sensitivity settings and define detection zones within the O-KAM app to minimize false alarms.

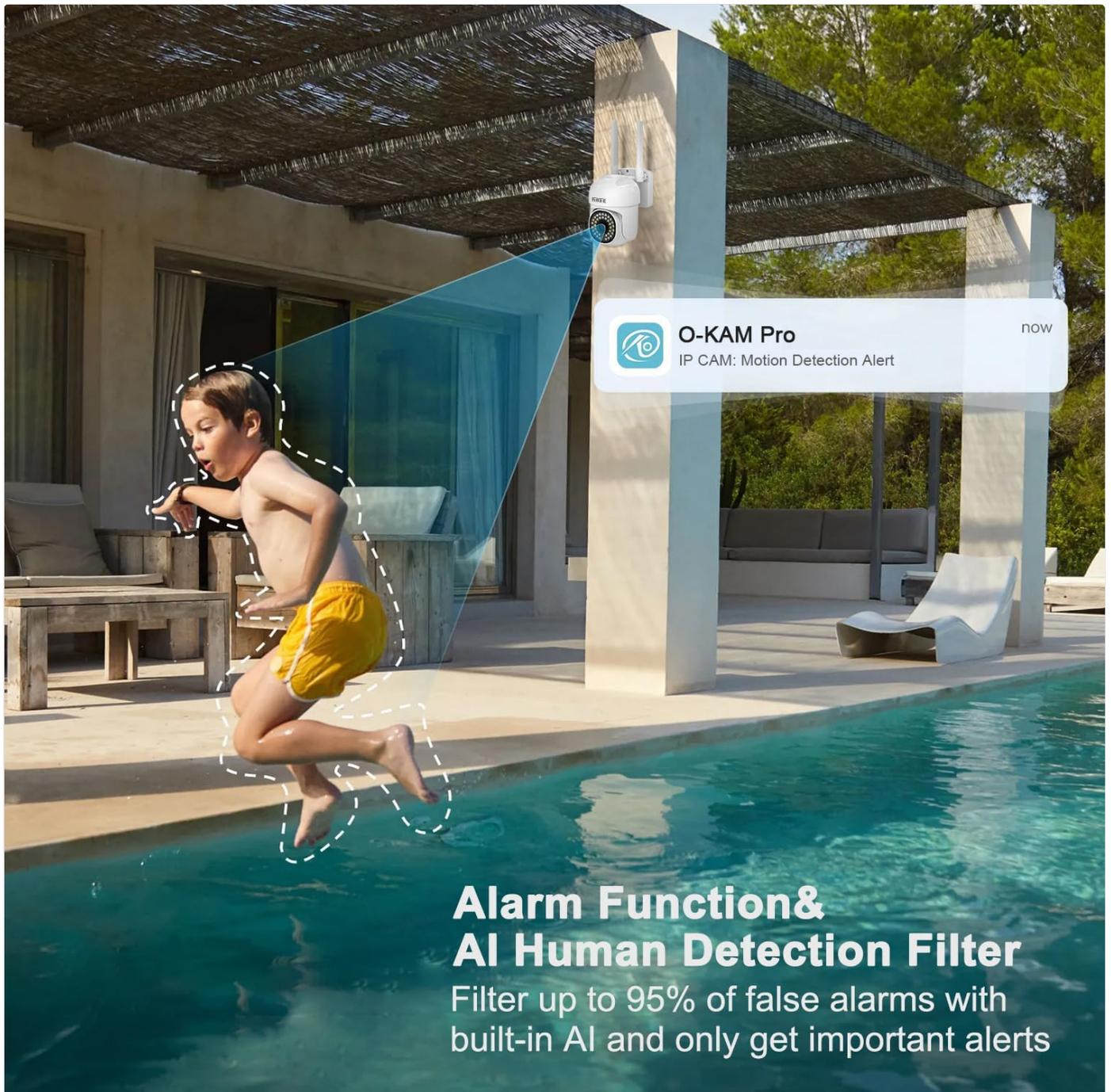


Figure 6.3: Motion detection alert notification on a mobile device.

6.5 Recording and Storage

The camera supports two storage options:

- **SD Card Storage:** Insert a Micro SD card (up to 256GB, not included) into the designated slot on the camera for local recording. The camera supports 24/7 loop recording.
- **Cloud Storage:** A 3-day free trial of cloud storage is available monthly. Cloud storage provides secure, off-site backup of your recordings.

SD Card & Cloud Storage

Support cloud storage and Max 256G SD Card



24/7 Recording
24 hours Loop Recording



Motion Alarm Recording



2022-07-26
9:50



2022-07-26
10:02



2022-07-26
10:24



2022-07-26
11:27

Figure 6.4: SD card and cloud storage options for video recording.

6.6 Alexa Integration

The camera is compatible with Amazon Alexa for voice control. Follow the instructions in the O-KAM app or Alexa app to link your camera and enable voice commands for viewing live feeds on compatible Alexa devices.

7. 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 O-KAM app periodically for firmware updates. Keeping your camera's firmware updated ensures optimal performance and security.
- **Power Cycle:** If the camera experiences issues, try power cycling it by unplugging and re-plugging the power adapter.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	No power, weak Wi-Fi signal, network issues.	Check power connection. Move camera closer to router or use a Wi-Fi extender. Restart router and camera.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password, wrong network band (2.4G/5G), camera too far from router.	Verify Wi-Fi password. Ensure you are connecting to the correct 2.4GHz or 5GHz network. Relocate camera or router.
Poor image quality	Dirty lens, low bandwidth, insufficient lighting.	Clean the camera lens. Ensure stable internet connection. Adjust night vision settings if applicable.
Motion alerts not received	App notifications disabled, motion detection off, incorrect sensitivity.	Enable notifications in phone settings and O-KAM app. Check motion detection settings in the app. Adjust sensitivity.
NVR integration issues	Incorrect ONVIF password, wrong IP/port, network conflict.	Verify ONVIF password in O-KAM app. Confirm camera IP address. Use RTSP port 10554 and ONVIF port 10080. Ensure NVR and camera are on the same network.

9. SPECIFICATIONS

- **Model:** WSWO9-30D
- **Video Capture Resolution:** 2K (1296p), 3.0 Megapixels
- **Connectivity:** Wi-Fi (2.4GHz & 5GHz)
- **Pan/Tilt:** 355° Pan, 90° Tilt
- **Night Vision:** Color Night Vision, Infrared Night Vision
- **Audio:** Two-Way Audio (Built-in Microphone & Speaker)
- **Storage:** Micro SD Card (up to 256GB), Cloud Storage
- **Weather Resistance:** IP65
- **Power Source:** Corded Electric (Power Adapter Included)
- **Compatible Devices:** Desktop, Digital Video Recorder, Laptop, Smartphone, Tablet
- **Controller Type:** Amazon Alexa
- **Mounting Type:** Ceiling Mount
- **Dimensions:** 7 x 4.3 x 7.5 inches
- **Weight:** 4.07 pounds (1.85 Kilograms)
- **Special Features:** Auto Tracking, Motion Detection, ONVIF, RTSP

10. WARRANTY AND SUPPORT

EVERSECU products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided on the product packaging or visit the official EVERSECU website. Keep your purchase receipt as proof of purchase for warranty claims.

