**ORDRO EP7**

# ORDRO EP7 4K Wearable Video Camera Instruction Manual

Model: EP7

## 1. INTRODUCTION

The ORDRO EP7 is a lightweight, head-wearable 4K video camera designed for hands-free recording. It features a 1/3 inch 13.0MP CMOS sensor, capable of capturing 4K UHD video at 60fps/30fps and up to 20.0MP still images. Its compact design and autofocus capabilities make it suitable for various applications, including vlogging, educational content creation, and documenting professional tasks.

This manual provides detailed instructions for setting up, operating, and maintaining your ORDRO EP7 camera to ensure optimal performance and longevity.
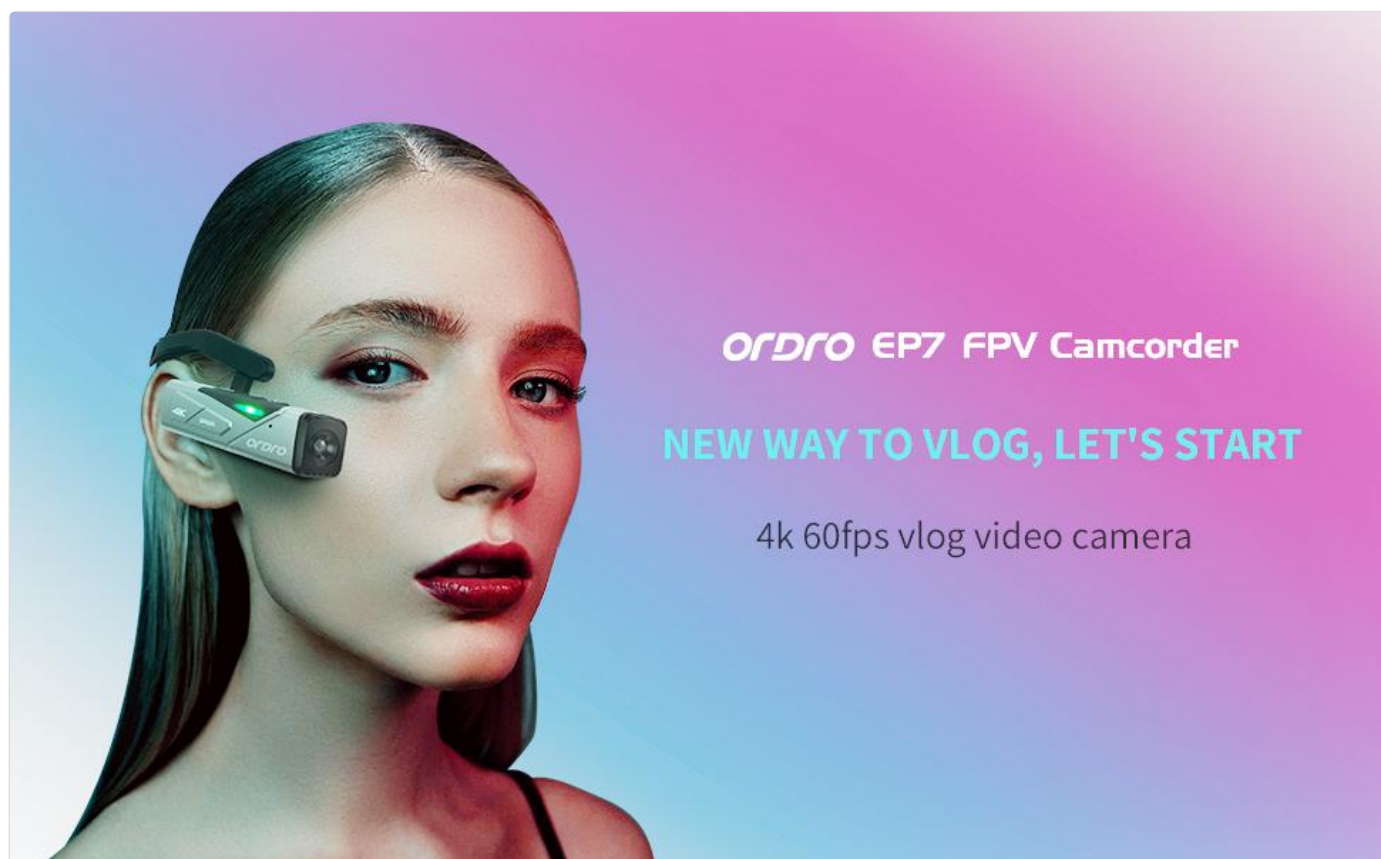


Image 1.1: The ORDRO EP7 FPV Camcorder, highlighting its compact and wearable design for hands-free video recording.

**Key Features:**

- **4K UHD Video Recording:** Capture high-resolution video at 3840x2160 (60fps/30fps).
- **Wearable Design:** Head-mounted for hands-free operation, weighing only 80g (0.18 lb).
- **Autofocus:** Maintains clear focus from 0.1m to infinity.
- **Wi-Fi Connectivity:** Connects to smartphones via the "OD Cam" app for real-time viewing and control.
- **Webcam Functionality:** Can be used as a webcam when connected to a computer via Micro USB.
- **Gimbal Stabilization:** Features two-axis gimbal anti-shake for smoother footage.
- **IP65 Waterproof:** Dustproof and water-resistant design for various environments.



Image 1.2: Visual representation of the ORDRO EP7's core functions, including 4K quality, two-axis gimbal anti-shake, autofocus, HDR function, and waterproof design.

## 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.

- ORDRO EP7 Head-Wearable 4K Video Camera
- Portable Carrying Case
- 64GB MicroSDXC Memory Card (U3)
- Headband
- Micro USB Charging Cable
- W1 Remote Control and Wrist Band
- 2 x Headband Brackets
- Small Wrench
- Soft Rubber Sleeve
- Screw Head
- Hook
- English User's Manual
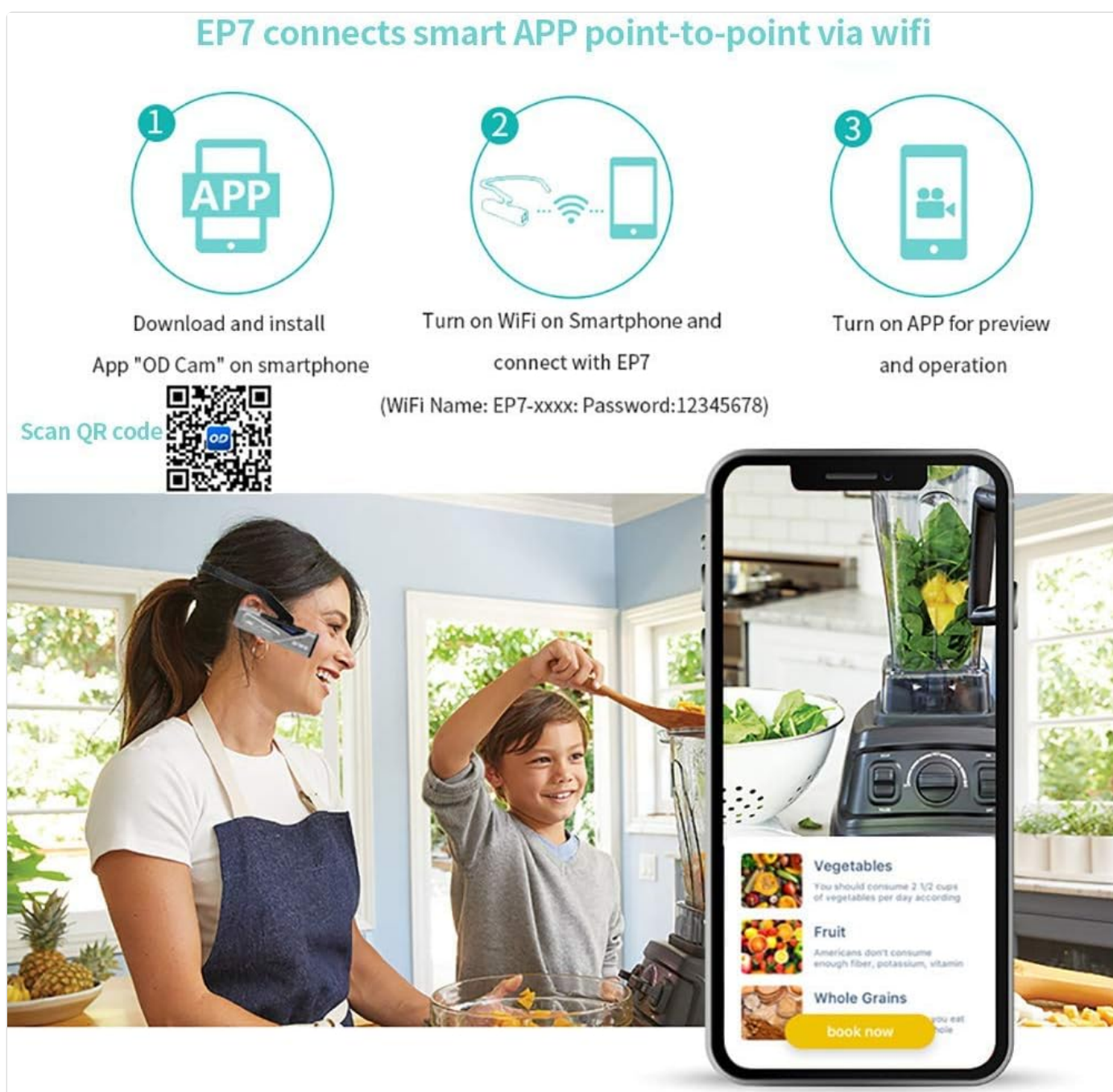


Image 2.1: A visual representation of all items included in the ORDRO EP7 package, such as the camera, carrying case, memory card, headband, remote control,

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your ORDRO EP7 camera.



Image 3.1: Labeled diagram of the ORDRO EP7 camera, showing the video button, photo button, power/WiFi button, status light, retractable head hood, detachable design, and HD port.

- **Video Button:** Initiates and stops video recording.
- **Photo Button:** Captures still images.
- **Power / WiFi Button:** Powers the device on/off and activates WiFi.
- **Status Light:** Indicates camera status (e.g., recording, charging, WiFi active).
- **Retractable Head Hood:** Adjustable for comfortable wear.
- **Detachable Design:** Allows for flexible mounting options.
- **HD Port:** Micro HDMI output for connecting to external displays.

- **Micro USB Port:** For charging and data transfer.
- **MicroSD Card Slot:** For inserting the memory card.

## 4. SETUP

### 4.1 Charging the Camera

Before first use, fully charge the camera's built-in 4.35V 1000mAh lithium battery. Use the provided Micro USB cable to connect the camera to a power source. The charging process typically takes over 2 hours until fully charged. The camera supports video recording while charging, allowing for extended use with a power bank.

### 4.2 Inserting the Memory Card

Locate the MicroSD card slot on the camera. Gently insert the provided 64GB MicroSDXC card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation. The camera supports MicroSD cards for storing recordings.

### 4.3 Wearing the Camera

Attach the camera to the headband using the provided headband brackets. Adjust the retractable head hood for a secure and comfortable fit on your head. The camera is designed to be lightweight and unobtrusive for hands-free operation.
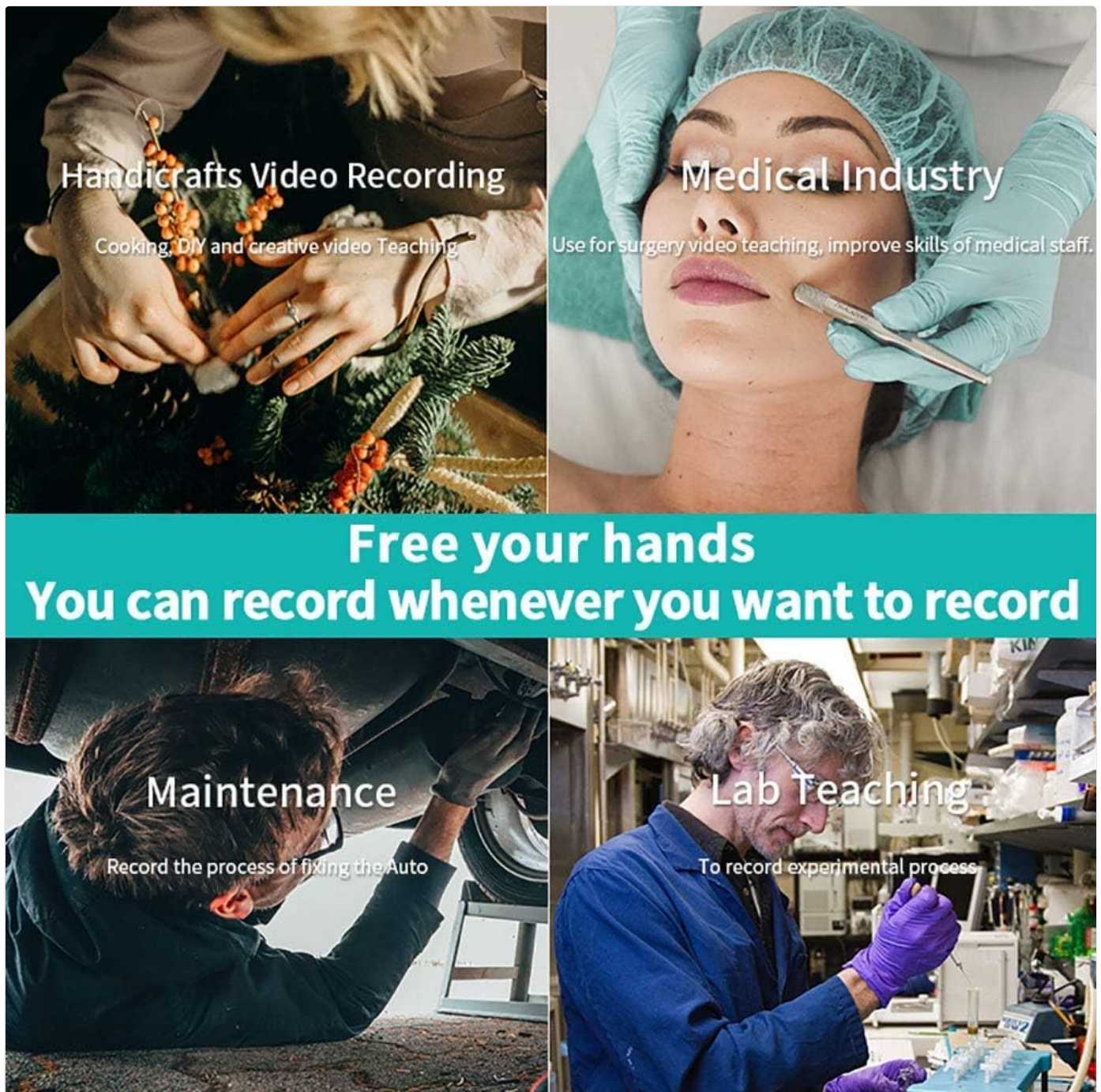
Image 4.1: An individual wearing the ORDRO EP7 camera, demonstrating its head-mounted, hands-free design.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

To power on the camera, press and hold the **Power / WiFi Button** until the status light illuminates. To power off, press and hold the same button until the status light turns off.

### 5.2 Recording Video

With the camera powered on, press the **Video Button** once to start recording. The status light will change to indicate recording is in progress. Press the **Video Button** again to stop recording. Videos are saved to the inserted MicroSD card.

### 5.3 Taking Photos

To capture a still image, press the **Photo Button** once. The camera will take a picture and save it to the MicroSD card.

## 5.4 Wi-Fi Connection and App Usage

The ORDRO EP7 can connect to your smartphone via Wi-Fi for real-time viewing, parameter settings, and file management using the "OD Cam" app.

1. **Download the App:** Download and install the "OD Cam" app on your smartphone. You can scan the QR code provided in Image 5.1 or visit http://app.appurl.me/79815371137.
2. **Activate Camera Wi-Fi:** Turn on the camera and press the **Power / WiFi Button** to activate its Wi-Fi function.
3. **Connect Phone to Camera Wi-Fi:** On your smartphone, go to Wi-Fi settings and connect to the network named "EP7-xxxxxx". The default password is **12345678**.
4. **Open "OD Cam" App:** Launch the "OD Cam" app. You can now preview the camera's view, adjust settings, and manage files.

*Note: When your phone is connected to the EP7's Wi-Fi, other internet-based Wi-Fi connections will be temporarily unavailable. If internet access is required, please enable cellular data on your phone.*
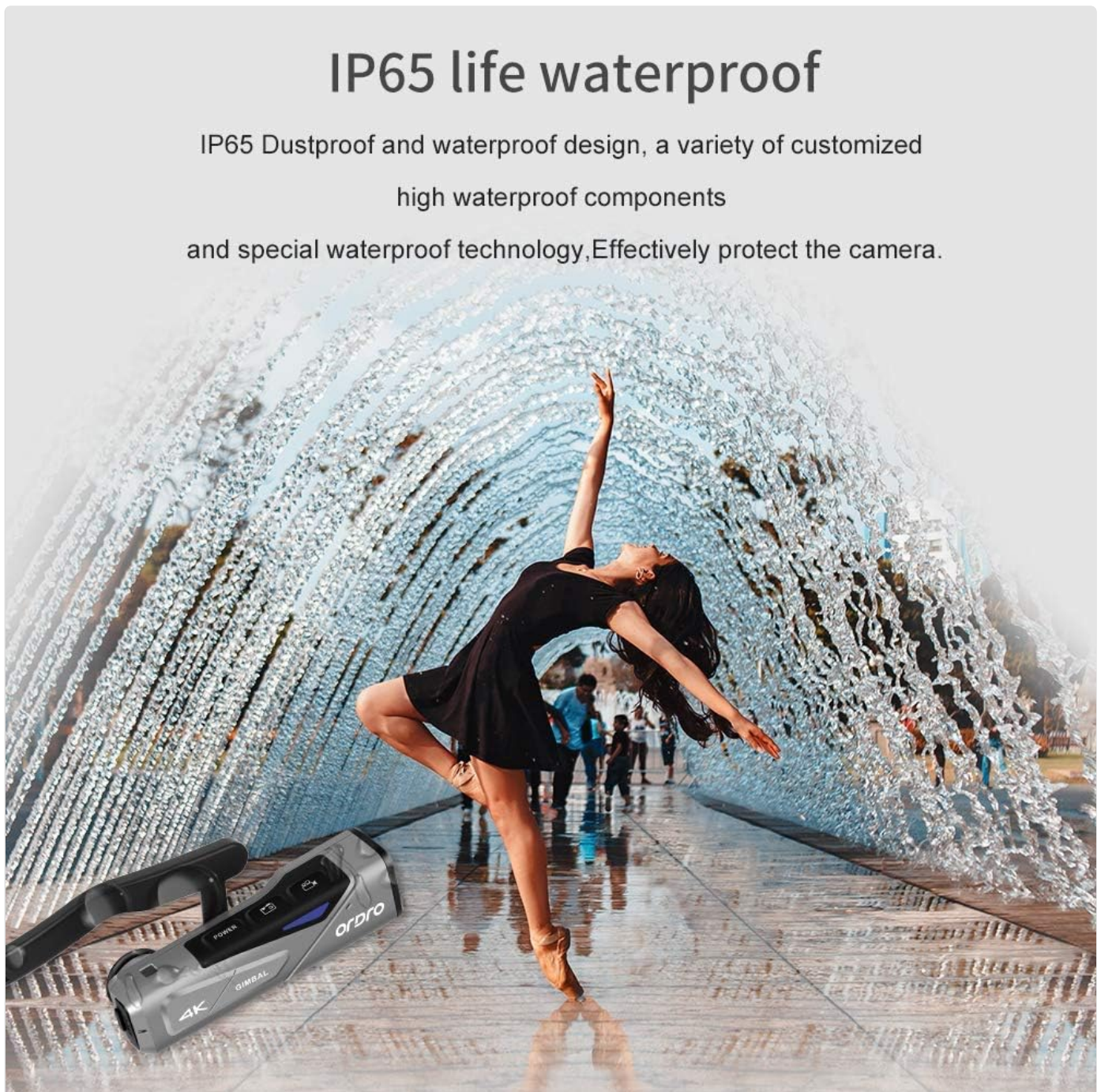


Image 5.1: Step-by-step guide for connecting the ORDRO EP7 to a smartphone via the "OD Cam" app, including QR code for app download.

## 5.5 Using the W1 Smart Remote Control

The W1 Smart Remote Control allows for convenient operation of the camera from a distance of up to 10 feet (3 meters) via RF 2.4G wireless connection. Ensure the camera is powered on for the remote to function.



Image 5.2: The ORDRO EP7 camera and its W1 Smart Remote Control, illustrating its wireless functionality for taking pictures and videos.

## 5.6 Webcam Functionality

To use the ORDRO EP7 as a webcam for live streaming or video calls, connect it to your computer using the Micro USB cable. The computer should recognize the camera as a webcam device, allowing you to select it in your video conferencing or streaming software.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution. Avoid harsh chemicals.
- **Storage:** Store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. Use the

provided carrying case for protection during transport.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to approximately 50%.
- **Firmware Updates:** Periodically check the official ORDRO website or the "OD Cam" app for any available firmware updates to ensure optimal performance and new features.

## 7. TROUBLESHOOTING

If you encounter issues with your ORDRO EP7 camera, please refer to the following common problems and solutions:

| Problem | Possible Cause / Solution |
| --- | --- |
| Camera does not power on. | Ensure the battery is charged. Connect to a power source using the Micro USB cable.<br>Press and hold the Power / WiFi button firmly for a few seconds. |
| Cannot connect to Wi-Fi / "OD Cam" app. | Ensure camera Wi-Fi is activated (status light should indicate Wi-Fi is on).<br>Verify you are connecting to the correct Wi-Fi network (EP7-xxxxxx) and using the correct password (12345678).<br>Restart both the camera and your smartphone.<br>Ensure the "OD Cam" app is updated to the latest version. |
| Poor video quality or blurry images. | Clean the camera lens with a soft, lint-free cloth.<br>Ensure adequate lighting conditions.<br>Check that the camera's autofocus is functioning correctly.<br>Avoid excessive digital zoom, which can degrade image quality. |
| Short battery life. | Battery life can vary based on recording resolution (4K consumes more power).<br>Ensure the battery is fully charged before use.<br>Consider connecting the camera to a power bank for extended recording sessions. |
| Voice commands or button presses are unresponsive. | Ensure the camera's battery is not critically low.<br>Press buttons firmly and deliberately.<br>If voice commands are too quiet, ensure you are in a quiet environment or check for any volume settings within the app (if available). |

## 8. SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Brand | ORDRO |
| Model Number | EP7 |
| Sensor | 1/3 inch 13.0MP High-sensitivity CMOS |
| Video Resolution | 4K UHD: 3840x2160 (60fps / 30fps)<br>FHD: 1920x1080 (60fps / 30fps)<br>HD: 1280x720 (60fps) |

| Feature | Detail |
|---|---|
| Still Picture Resolution | Up to 20.0MP |
| Autofocus Range | 0.1m ~ infinity |
| Connectivity | Wi-Fi, Micro USB, Micro HDMI |
| Battery | Built-in 4.35V 1000mAh Lithium Polymer |
| Battery Life (4K UHD) | Approximately 1 hour |
| Storage | Micro SD (up to 64GB included) |
| Weight | 80g (0.18 lb) |
| Dimensions | 3.7 x 1.1 x 0.9 inches (camera unit) |
| Waterproof Rating | IP65 Dustproof and Waterproof |
| Maximum Aperture | 2.2 f |



Image 8.1: Diagram representing the CMOS sensor technology used in the camera.

## 9. WARRANTY AND SUPPORT

ORDRO provides a **1-year warranty** for the EP7 camera from the date of purchase. This warranty covers manufacturing defects and ensures excellent customer service.

For technical support, warranty claims, or any inquiries regarding your ORDRO EP7 camera, please contact our customer service team. Refer to the contact information provided in the product packaging or on the official ORDRO website.

Please retain your proof of purchase for warranty validation.

**Related Documents -** EP7

[ORDRO EP8 Wearable Camcorder User Manual and Guide](#)

Comprehensive user manual for the ORDRO EP8 wearable FPV camcorder. Covers setup, operation, features, troubleshooting, technical specifications, and app usage.

[ORDRO HDR-AC3 4K Camcorder User Manual](#)

User manual for the ORDRO HDR-AC3 4K Camcorder, detailing its features, operation, and technical specifications. Learn how to use the camera, connect it to devices, and utilize its various modes and settings.

[ORDRO M5 Camcorder User Manual and Guide](#)

Comprehensive user manual for the ORDRO M5 camcorder, covering setup, operation, features, troubleshooting, and technical specifications.

[ORDRO M5 Camcorder User Manual: Setup, Operation, and Features](#)

Comprehensive guide for the ORDRO M5 camcorder, covering accessories, operation, video/photo modes, system settings, connectivity, troubleshooting, and technical specifications.

[ORDRO M5 Video Camera User Manual](#)

A comprehensive user guide for the ORDRO M5 video camera, detailing its features, operation, setup, troubleshooting, and specifications. Learn how to record videos, capture photos, utilize Wi-Fi connectivity, and connect to your computer.

[Manual de Usuario de la Cámara ORDRO M5](#)

Guía completa para la cámara ORDRO M5, cubriendo configuración, operación, características, solución de problemas y especificaciones técnicas.