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> [ORDRO EP8 4K Head-Mounted Video Camera User Manual](#)

ORDRO EP8 BASE

ORDRO EP8 4K Head-Mounted Video Camera User Manual

Model: EP8 BASE

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1. INTRODUCTION

Thank you for purchasing the ORDRO EP8 4K Head-Mounted Video Camera. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Do not expose the camera to extreme temperatures, direct sunlight, or corrosive substances.
- Avoid dropping or subjecting the camera to strong impacts.
- Keep the camera away from water and moisture. While it is water-resistant, it is not waterproof for submersion.
- Use only approved accessories and power adapters.
- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.
- Ensure proper ventilation when charging to prevent overheating.

3. PACKAGE CONTENTS

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

- ORDRO EP8 Camera Unit
- Headband
- Type-C Charge Cable

- Manual
- Hook
- Screw Head (x2)
- Soft Rubber Sleeve
- Headband Bracket (x2)



Figure 3.1: ORDRO EP8 Package Contents

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your ORDRO EP8 camera:



Figure 4.1: ORDRO EP8 Camera Components

- **Video Button:** Initiates and stops video recording.
- **Photo Button:** Captures still images.
- **Power/WiFi Button:** Powers the device on/off and activates Wi-Fi.
- **1/4" Threaded Interface:** For mounting on tripods or other accessories.
- **Mini HDMI Port:** For connecting to external displays.
- **Status Light:** Indicates device status (e.g., recording, charging, Wi-Fi active).
- **Two-Way Adjustable Headband:** Provides a secure and comfortable fit for various head shapes.

5. SETUP

5.1. Charging the Battery

Before first use, fully charge the camera. Connect the supplied Type-C charge cable to the camera's charging port and a USB power adapter (not included). The status light will indicate charging status. A full charge provides up to 150 minutes of continuous recording.

5.2. Inserting/Removing Micro SD Card

The camera requires a Micro SD card (not included) for storing recordings. Locate the Micro SD card slot, gently insert the card with the contacts facing down until it clicks into place. To remove, press the card inward until it springs out.

5.3. Attaching the Headband

Align the camera unit with the headband brackets and securely attach it. The headband is adjustable to fit different head sizes, ensuring a stable and comfortable fit for first-person perspective recording.



Figure 5.1: Camera attached to headband

5.4. Powering On/Off

Press and hold the **Power/WiFi Button** for a few seconds to power the camera on or off. The status light will illuminate when the camera is on.

5.5. App Installation and Wi-Fi Connection

Download the "OD CAM" app from your mobile device's app store (available for both iOS and Android). To connect via Wi-Fi:

1. Power on the camera.
2. Press the **Power/WiFi Button** briefly to activate Wi-Fi mode. The status light will indicate Wi-Fi is active.
3. On your smartphone, go to Wi-Fi settings and connect to the camera's Wi-Fi network (e.g., "ORDRO_EP8_XXXX").
4. Open the "OD CAM" app. You can now control the camera remotely, view live footage, and manage files.

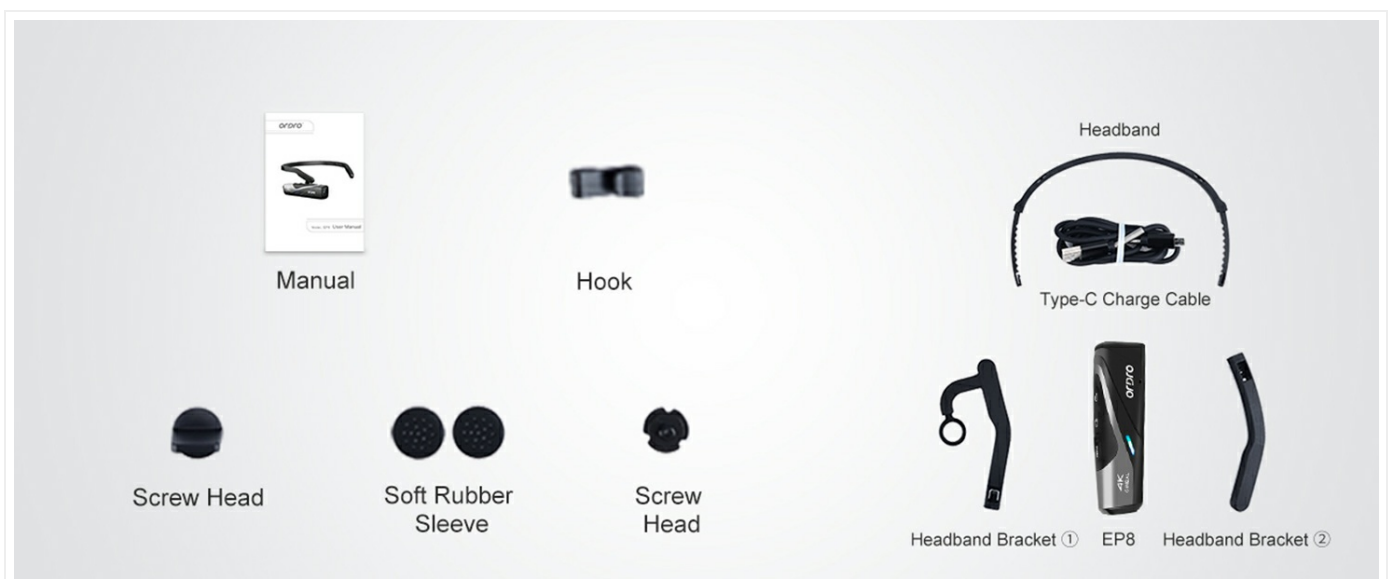


Figure 5.2: OD CAM App Interface

6. OPERATION

6.1. Recording Video

- **Directly on Camera:** Press the **Video Button** once to start recording. Press again to stop. Note that direct recording defaults to 1080P 30FPS.
- **Via OD CAM App:** For 4K 60FPS recording and other advanced settings, use the "OD CAM" app. Connect your phone via Wi-Fi, open the app, and initiate recording from the app interface.



Figure 6.1: Wearing the ORDRO EP8 Camera

6.2. Taking Photos

Press the **Photo Button** once to capture a still image. Photos can also be captured via the "OD CAM" app.

6.3. Using the 2-Axis Gimbal Anti-Shake Feature

The ORDRO EP8 features a 2-axis gimbal for image stabilization, effectively reducing shake and keeping footage smooth. This feature is active during recording to enhance video quality.

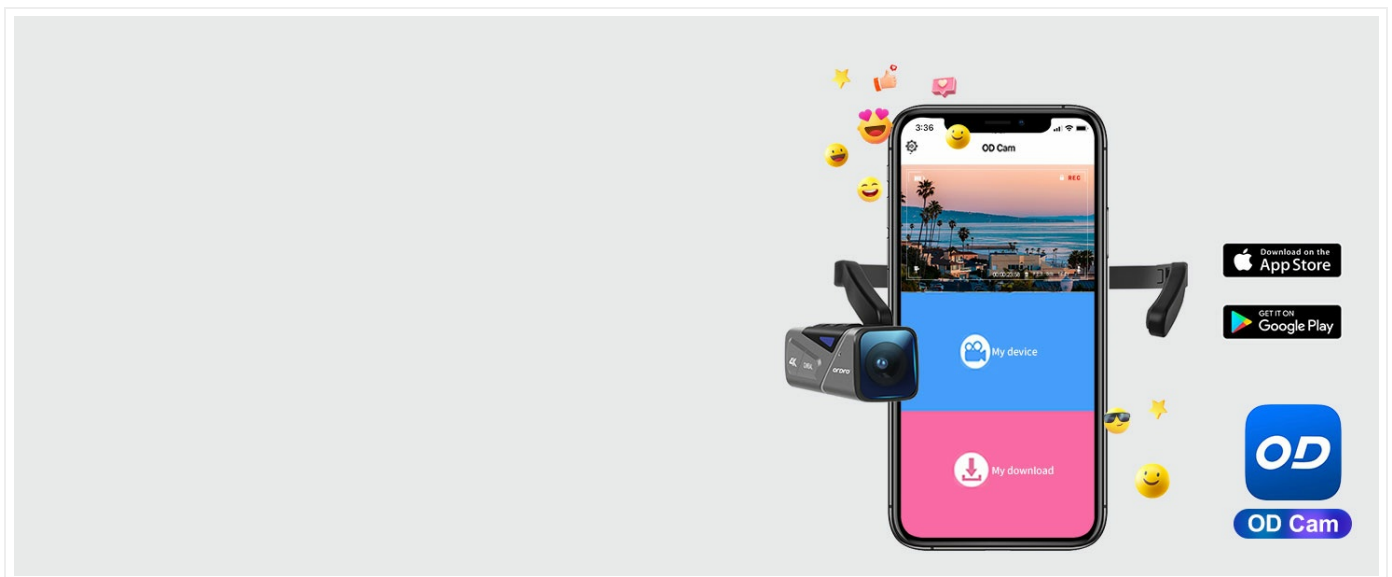


Figure 6.2: Anti-Shake Feature Comparison

6.4. Horizontal/Vertical Screen Switching

Switch between horizontal and vertical screen formats using the "OD CAM" app. This allows for flexible content creation suitable for various platforms.

6.5. Distortion Correction

The camera includes distortion correction that adjusts the view from 130° to a natural 90°, preventing curved visuals and delivering a true-to-life perspective. This setting can typically be managed through the app.



Figure 6.3: Distortion Correction Example

6.6. Connecting to a Computer/Smartphone

You can connect the camera to a computer using the Type-C cable to transfer files. Alternatively, use the "OD CAM" app to download recorded videos and photos directly to your smartphone via Wi-Fi.

7. MAINTENANCE

7.1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for camera lenses to gently wipe the lens. Avoid using abrasive materials or chemical cleaners that could damage the lens coating.

7.2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. If storing the camera for an extended period, charge the battery to approximately 50% and store it in a cool, dry place.

7.3. Storage

Store the camera in a dry, dust-free environment, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted.	Charge the camera using the Type-C cable.
Cannot record in 4K.	Recording initiated directly from the unit.	To record in 4K, you must initiate recording via the "OD CAM" app. Direct recording defaults to 1080P 30FPS.
Wi-Fi connection fails.	Incorrect Wi-Fi password or camera Wi-Fi not activated.	Ensure camera Wi-Fi is active (status light indication). Re-enter Wi-Fi password if prompted. Restart both camera and phone.
App is buggy or unresponsive.	App version outdated or temporary software glitch.	Update the "OD CAM" app to the latest version. Close and reopen the app. Restart your smartphone.
Video footage is blurry or shaky.	Lens is dirty or excessive movement.	Clean the lens. Ensure the camera is securely mounted and minimize sudden movements. The 2-axis gimbal helps, but extreme motion can still affect clarity.

Problem	Possible Cause	Solution
Micro SD card error.	Card not inserted correctly or incompatible card.	Reinsert the Micro SD card. Ensure it is a compatible card (e.g., Class 10 or higher, V30 recommended for 4K). Format the card in the camera if possible.

9. SPECIFICATIONS

Feature	Detail
Brand	ORDRO
Model Number	EP8 BASE
Video Capture Resolution	4K (3840 Pixels Effective Video Resolution)
Photo Sensor Technology	CMOS
Effective Still Resolution	8.3 MP
Image Stabilization	Digital (2-Axis Gimbal Anti-Shake)
Connectivity Technology	Wi-Fi
Form Factor	Head-Mounted
Battery Average Life	150 minutes
Flash Memory Type	Micro SD (V30 recommended)
Video Capture Format	MP4
Lens Type	Zoom
Minimum Aperture	1.8 f
Focus Type	Auto Focus
Water Resistance Level	Water Resistant
Compatible Devices	Smartphone, Tablet, Personal Computer, Laptop

10. WARRANTY & SUPPORT

10.1. Warranty Information

The ORDRO EP8 4K Head-Mounted Video Camera comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or natural disasters.

Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ORDRO customer support through the official website or your retailer's support channels. Provide your model number (EP8 BASE) and purchase details for

faster service.

