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› ORDRO 5K Video Camera Camcorder Instruction Manual

ORDRO AE20

ORDRO 5K Video Camera Camcorder Instruction Manual

Model: AE20
Brand: ORDRO

1. INTRODUCTION AND OVERVIEW

The ORDRO AE20 5K Video Camera Camcorder is designed for capturing high-quality video and still images. Featuring 5K video resolution at 25fps and up to 56MP still image capture, it is equipped with advanced features such as a 950 wide-angle lens, Wide Dynamic Range (WDR) mode, Electronic Image Stabilization (EIS), and IR night vision. Its user-friendly design includes a 3.0-inch rotatable touch screen and supports Wi-Fi connectivity for seamless control and sharing.



Figure 1.1: ORDRO AE20 5K Video Camera Camcorder with included accessories.

2. What's in the Box

Your ORDRO AE20 camcorder package includes the following items:

- ORDRO AE20 5K Video Camera Camcorder
- 32GB SD card
- External IR LED light
- Camera lens hood
- 2.4G remote control

- 2 x Rechargeable Batteries
- Handheld holder
- USB Cable
- HDMI Cable
- Microphone (external)
- Charger
- User Manual

Your browser does not support the video tag.

Video 2.1: An unboxing video demonstrating the contents of the ORDRO 5K video camera package.

3. SETUP

3.1 Battery Installation

Insert the provided rechargeable batteries into the battery compartment located at the bottom of the camcorder. Ensure correct polarity. Charge batteries fully before first use.



Figure 3.1: Proper installation of the external battery pack.

3.2 SD Card Installation

Open the SD card slot cover. Insert the 32GB SD card with the metal contacts facing down until it clicks into place. Close the cover securely.

3.3 Attaching Accessories

Attach the external IR LED light and handheld holder to the camcorder's accessory shoe and mounting points as needed. The external microphone connects via the microphone input port.

WiFi Function & Remote Controller

Simply download our app "RoadCam" to your smartphone
Control camcorder through "RoadCam" on your phone or by remote controller.



Figure 3.2: Camcorder with external light and holder for enhanced shooting.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button to turn the camcorder on or off. The 3.0-inch IPS touch screen will illuminate.

4.2 Recording Video (5K)

To record 5K video at 25fps, ensure the camcorder is in video mode. Press the Record button to start and stop recording. The screen will indicate recording status.

5K Ultra HD Image

5K 25fps Video Resolution with UHD Video Quality for Real Scene Presentation



Figure 4.1: Visual representation of 5K Ultra HD image quality.

4.3 Taking Photos (56MP)

Switch to photo mode to capture high-resolution still images up to 56MP. Press the Shutter button to take a photo.



Figure 4.2: Example of 56MP image detail.

4.4 Using the 3.0" Rotatable Touch Screen

The 3.0-inch IPS touch screen can rotate up to 270 degrees, allowing for flexible viewing angles during recording or playback. Tap the screen to access menus and settings.

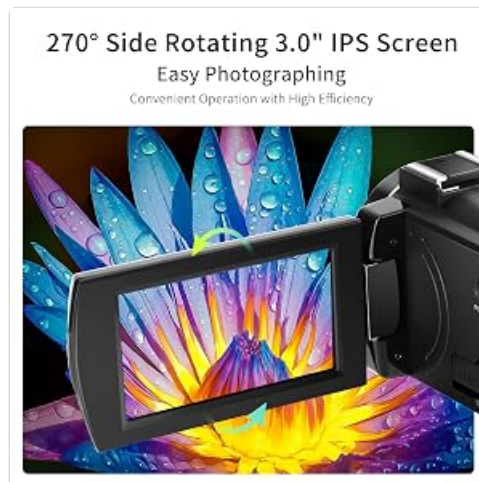


Figure 4.3: The 2700 rotatable touch screen for versatile shooting.

4.5 Zoom Function (18X Digital Zoom)

Utilize the 18X digital zoom to bring distant subjects closer. Control the zoom using the dedicated buttons on the camcorder or via the remote control.



Figure 4.4: Illustrating the 18X digital zoom capability.

4.6 WDR Mode and EIS Stabilizer

The Wide Dynamic Range (WDR) mode helps capture natural gradations in high-contrast scenes, preventing overexposed highlights or blocked shadows. The Electronic Image Stabilization (EIS) feature provides improved stability for clearer images, especially during motion.

WDR(Wide Dynamic Range)

Capture more details in Shadows and Low-light



Gyro EIS(Electronic Image Stabilization) for Clear Images

Built-in Gyro with Built-in Stabilizer for Image Clearness in High Speed Motion



Ordinary stabilization



EIS(Electronic Image Stabilization)

Figure 4.5: Benefits of WDR and EIS for image quality.

4.7 IR Night Vision & External IR Night Light

For low-light or dark conditions, activate the IR Night Vision mode to record HD images and videos. The included external IR Night Light extends visibility up to 16ft/5m, ideal for various night-time scenarios.



Figure 4.6: Infrared Night Vision capability for clear images in darkness.

4.8 Webcam Function & Wi-Fi App Control

Connect the camcorder to your computer via USB to use it as a webcam for live streaming or video calls. For wireless control, download the "D Video" or "Roadcam" app (refer to the QR code in Figure 4.7) to your smartphone. This allows for remote control, photo preview, and sharing.

Wide Angle

Panoramic Views without Multiple Photographing



————— Ordinary DV —————

----- HDR-AE20 -----

Figure 4.7: Camcorder functioning as a webcam for live streaming and video calls.

Camcorder for Webcam and Live Streaming



Vlog



Video Call



Figure 4.8: Wi-Fi Function and Remote Controller for convenient operation.

4.9 Remote Control

The included 2.4G remote control allows you to start/stop recording, take photos, and adjust zoom settings from a distance, enhancing convenience for self-recording or group shots.

4.10 Multiple Functions

The camcorder supports various shooting modes including Pause function, Time-lapse shooting, and Recording While Charging. Additional features include Face Detection, Self Timer, Continuous Shooting, and Beauty Face mode for enhanced photography.

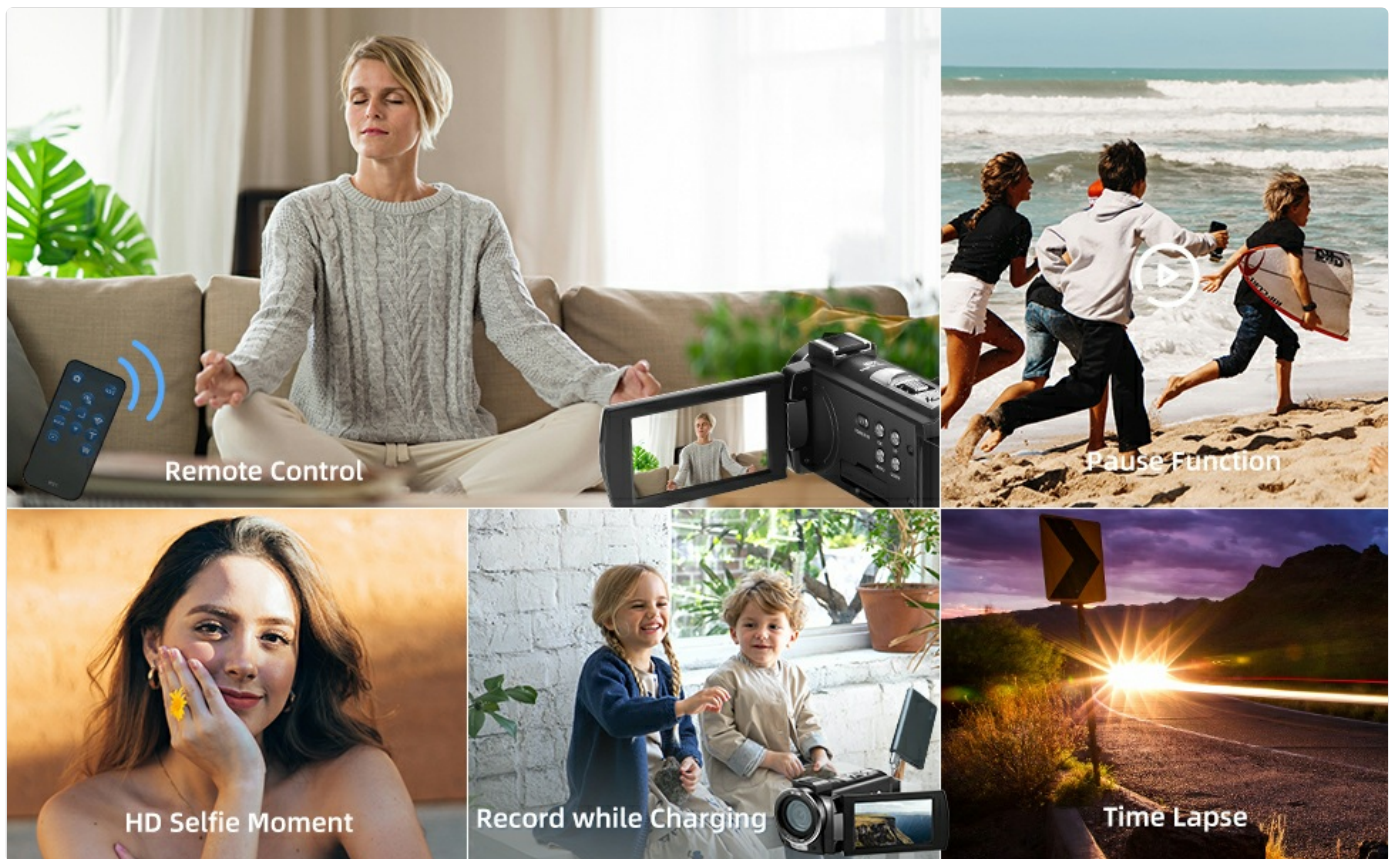


Figure 4.9: Diverse functions including remote control, pause, and time-lapse.



Figure 4.10: Additional functions like anti-shake, face detection, and beauty face.

5. MAINTENANCE

5.1 Battery Care

To prolong battery life, fully charge batteries before use and avoid completely draining them. Store batteries in a cool, dry place when not in use. Remove batteries if the camcorder will not be used for an extended period.

5.2 Cleaning

Use a soft, dry cloth to clean the camcorder body. For the lens and screen, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use abrasive cleaners or solvents.

5.3 Storage

Store the camcorder in a dry, dust-free environment away from direct sunlight and extreme temperatures. Use the provided lens cap and protective case to prevent damage.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Camera does not power on	Low or uncharged battery; incorrectly inserted battery	Charge battery fully; ensure battery is inserted correctly
Cannot record video/take photos	SD card full or not inserted; incorrect mode selected	Insert/replace SD card; format SD card; switch to correct mode
Poor image/video quality	Insufficient lighting; dirty lens; incorrect settings	Ensure adequate lighting; clean lens; adjust settings (e.g., WDR, exposure)
Wi-Fi connection issues	Incorrect Wi-Fi password; out of range; app not updated	Verify password; move closer to device; update app

7. SPECIFICATIONS

- **Brand Name:** ORDRO
- **Model Number:** AE20
- **Video Capture Resolution:** 5K (25fps)
- **Photo Sensor Technology:** 8.0MP High Sensitivity CMOS Sensor
- **Still Image Resolution:** Up to 56MP
- **Screen Size:** 3.0 Inches (2700 Rotatable IPS Touch Screen)
- **Digital Zoom:** 18X
- **Wide Angle:** 950
- **Special Features:** WDR Mode, EIS Stabilizer, IR Night Vision, Time-lapse, Loop Record, Mobile App Control, Paused Function, Recording While Charging, Face Detection, Self Timer, Continuous Shooting, Beauty Face
- **Connectivity Technology:** Wi-Fi, Infrared, USB
- **Flash Memory Type:** SD (32GB SD card included)
- **Item Weight:** 2.79 pounds
- **Product Dimensions:** 2.13 x 2.52 x 5 inches
- **Batteries:** 1 A batteries required (included)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official ORDRO website. Contact details for customer service are typically provided on the manufacturer's 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

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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

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