ORDRO M3

ORDRO M3 Handheld Digital Camera User Manual
Model: M3

Overview	Setup	Operation	Introduction Maintenance	Product Troubleshooting	Specifications	Support

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your ORDRO M3 Handheld Digital Camera. Please read this manual thoroughly before operating the device and retain it for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- **High-Resolution Capture:** Records 5K/30fps or 4K/60fps video and captures 48MP still images.
- **Flippable Touchscreen:** Features a 3.5-inch touchscreen that rotates for flexible shooting angles, supporting both horizontal and vertical orientations.
- **IR Night Vision:** Integrated infrared sensor enables clear black-and-white recording in low-light or no-light conditions.
- **Extended Battery Life:** Equipped with a 3250mAh battery, providing approximately 6 hours of recording time. USB-C rechargeable.
- **Wireless Connectivity:** Built-in Wi-Fi for smartphone control via the "OD Cam" app and content sharing.
- **Webcam Functionality:** Can be used as a webcam when connected to a computer via USB-C.
- **Advanced Shooting Modes:** Includes 10x digital zoom, time-lapse, WDR, continuous shooting, AE-L exposure lock, long exposure, white balance adjustment, slow motion, and EV exposure compensation.
- **Image Stabilization:** Features built-in 6-axis gyroscope anti-shake with optical stabilization.

2.2 Components

The ORDRO M3 camera package typically includes:

- ORDRO M3 Camera
- USB-C Cable
- Lanyard
- Carrying Bag
- 64GB MicroSD Card
- User Manual (this document)

3. SETUP

3.1 Charging the Battery

1. Connect the provided USB-C cable to the camera's USB-C port.
2. Connect the other end of the USB-C cable to a compatible USB power adapter (not included) or a computer's USB port.
3. The charging indicator light will illuminate. Once fully charged, the indicator light will change or turn off. A full charge provides approximately 6 hours of operation.

3.2 Inserting the MicroSD Card

The camera supports SDXC flash memory. A 64GB MicroSD card is included with some packages.

1. Locate the MicroSD card slot on the camera.
2. Insert the MicroSD card with the gold contacts facing the correct direction (refer to the diagram near the slot).
3. Gently push the card until it clicks into place. To remove, push the card again until it springs out.

3.3 Initial Power On

1. Press and hold the Power button until the screen illuminates.
2. Follow any on-screen prompts for initial setup, such as setting the date and time.

4. OPERATING INSTRUCTIONS

4.1 Basic Recording (Video/Photo)

1. Power on the camera.
2. Select the desired mode (video or photo) using the on-screen menu or physical buttons.
3. Frame your shot using the 3.5-inch flippable screen.
4. Press the Shutter/Record button to start recording video or take a photo. Press again to stop video recording.

4.2 Using the Flippable Screen

The 3.5-inch touchscreen can be rotated to face forward for vlogging or selfies, or backward for standard shooting. It also supports switching between horizontal and vertical shooting orientations.

High capacity Long Lasting

features a 3250mAh lithium-ion battery that can record up to 6 hours of 4k video when fully charged, you have more time to vlog the journey ahead.
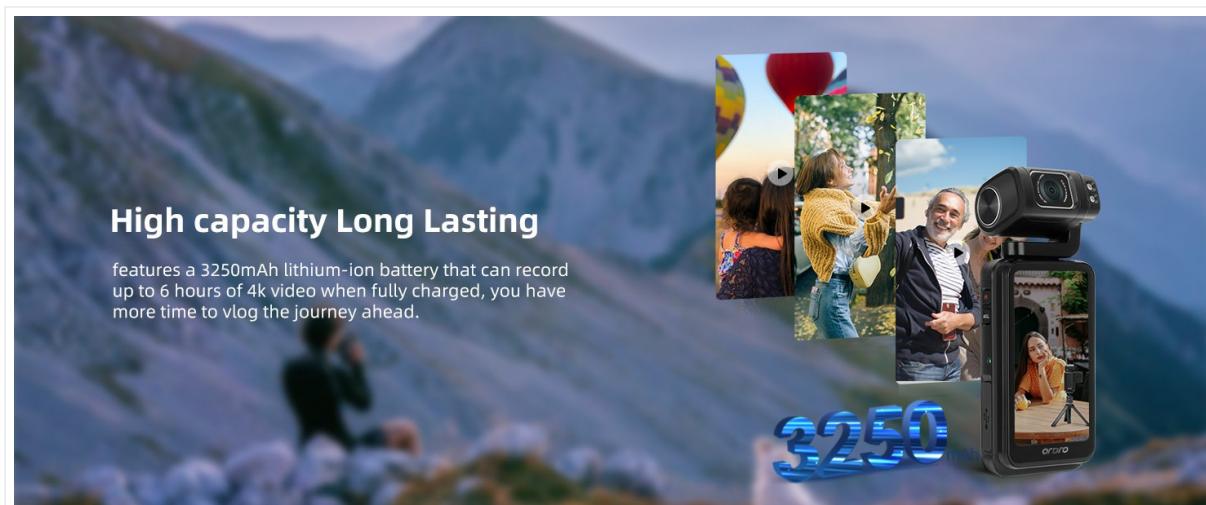
Figure 4.1: The 3.5-inch screen can be rotated for vertical or horizontal framing.

4.3 IR Night Vision

The camera features a built-in infrared sensor for recording in low-light or complete darkness. When activated, the camera will record in black and white.

1. Access the camera settings menu.
2. Locate and enable the IR Night Vision option.
3. The camera will automatically adjust to capture clear black-and-white footage.
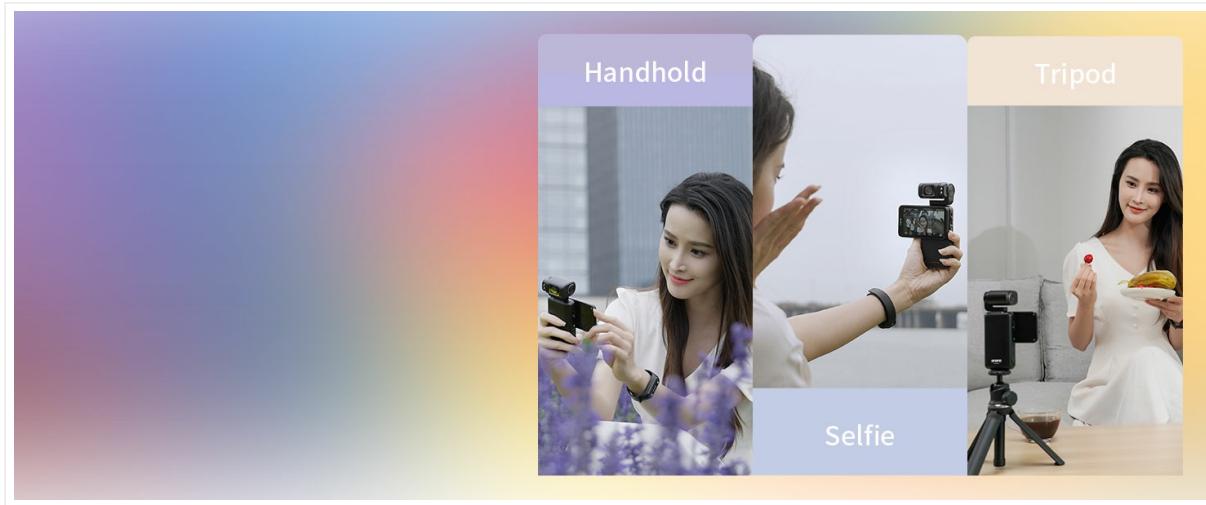
Figure 4.2: Example of IR Night Vision in action, capturing a clear image in darkness.

4.4 Wi-Fi APP Control & Webcam Function

The camera can connect to a smartphone via Wi-Fi using the "OD Cam" app for remote control, live preview, and sharing. It can also function as a webcam.

1. **For App Control:** Download the "OD Cam" app from your smartphone's app store. Enable Wi-Fi on the camera and connect your phone to the camera's Wi-Fi network. Open the app to control the camera remotely.

2. **For Webcam Function:** Connect the camera to your computer using the USB-C cable. Select the "Webcam" option on the camera's screen (if prompted). Your computer should recognize the camera as a webcam for streaming or video calls.

Figure 4.3: The camera can be used as a webcam or controlled via a smartphone app.

4.5 Other Features

- **Time-lapse:** Capture a series of images over time to create a time-lapse video.
- **Slow Motion:** Record video at a higher frame rate (e.g., 1080p 120fps) for slow-motion playback.
- **Continuous Shooting:** Take multiple photos in quick succession.
- **Digital Zoom:** Utilize the 10x digital zoom to magnify subjects.
- **WDR (Wide Dynamic Range):** Improves image quality in scenes with high contrast.
- **AE-L (Auto Exposure Lock):** Locks the exposure settings for consistent lighting.
- **Long Exposure:** Allows for longer shutter speeds to capture more light in dark environments.
- **White Balance:** Adjusts color temperature to match lighting conditions.
- **EV Exposure Compensation:** Manually adjust exposure levels.
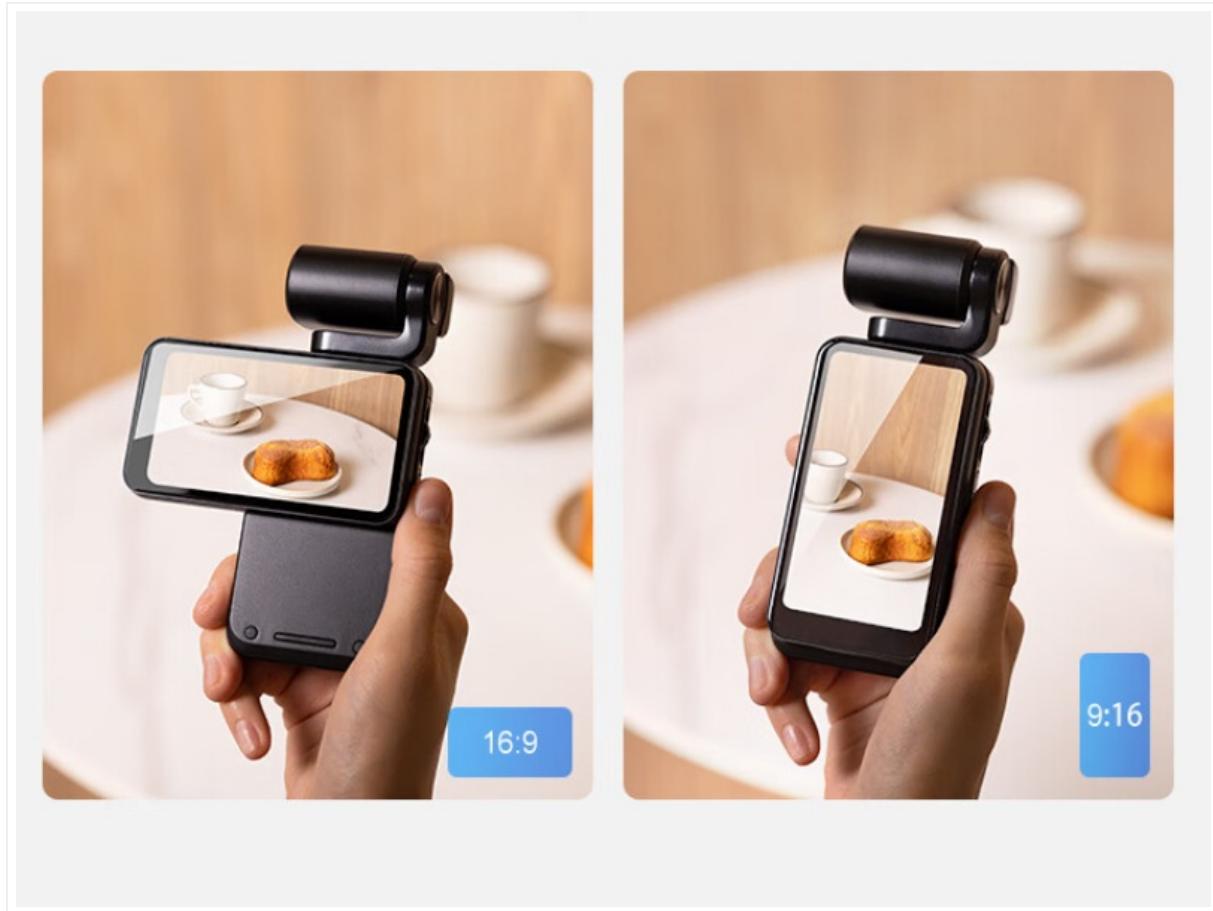
Figure 4.4: Overview of additional camera features.

5. MAINTENANCE

5.1 Cleaning the Camera

- Use a soft, dry, lint-free cloth to clean the camera body.
- For the lens and screen, use a specialized lens cleaning cloth and solution. Avoid harsh chemicals.
- Do not expose the camera to water or excessive moisture as it is not water-resistant.

5.2 Battery Care

- Charge the battery regularly, even if not in use, to maintain its lifespan.
- Avoid extreme temperatures when storing or operating the camera.

5.3 Storage

- Store the camera in a cool, dry place, away from direct sunlight and dust.
- Use the provided carrying bag for protection during transport.

6. TROUBLESHOOTING

If you encounter issues with your ORDRO M3 camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera does not power on.	Low or depleted battery.	Charge the battery fully.
Video footage appears glitchy or freezes.	Slow MicroSD card; card full; firmware issue.	Ensure you are using a high-speed MicroSD card (V30 or higher recommended). Format the card. Update camera firmware if available.
Cannot connect to Wi-Fi app.	Wi-Fi not enabled on camera; incorrect password; app issue.	Ensure camera Wi-Fi is on. Re-enter password. Restart camera and phone. Reinstall app.
Poor image/video quality.	Dirty lens; incorrect settings; insufficient lighting.	Clean the lens. Adjust resolution, exposure, and white balance settings. Use IR Night Vision in dark conditions.
Camera freezes or becomes unresponsive.	Software glitch.	Perform a soft reset by holding the power button until it turns off, then restart. If persistent, remove and reinsert the battery (if possible) or perform a factory reset (data will be lost).

7. SPECIFICATIONS

Feature	Detail
Brand	ORDRO
Model Name	M3
Photo Sensor Technology	CMOS
Effective Still Resolution	48 MP
Video Capture Resolution	5K, 4K
Video Capture Format	MP4
Screen Size	3.5 Inches
Connectivity Technology	Wi-Fi
Special Features	Night Vision, Digital Camera Functions
Flash Memory Type	SDXC (up to 256 GB installed size)

Feature	Detail
Digital Zoom	10x
Battery Type	1 Lithium Ion (included)
Battery Average Life	6 Hours
Form Factor	Handheld
Water Resistance Level	Not Water Resistant

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official ORDRO website. If you experience issues not covered in this manual, please contact ORDRO customer service for assistance.

Related Documents

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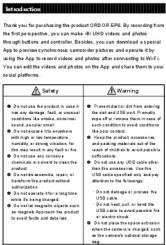
[ORDRO EP8 Wearable Camcorder User Manual and Guide](#)

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