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## VAHOIALD HDV-514K Plus

# VAHOIALD 4K Video Camera Camcorder HDV-514K Plus User Manual

Model: HDV-514K Plus

Brand: VAHOIALD

## INTRODUCTION

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This manual provides essential instructions for the safe and effective operation of your VAHOIALD HDV-514K Plus 4K Video Camera Camcorder. Please read this manual thoroughly before use and retain it for future reference.

## Package Contents

Verify that all items are present in your package:

- 4K Video Camera
- Remote Control
- Handheld Stabilizer
- 2 Rechargeable Batteries
- USB Cable
- Charging Adapter
- External Microphone
- Microphone Cable
- HDMI Cable
- Lens Hood
- Lens Cap
- Camera Bag
- User Manual

## SAFETY INFORMATION

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- Do not expose the camera to water or moisture.
- Avoid extreme temperatures and direct sunlight.

- Use only specified batteries and charging accessories.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the camera.
- Ensure proper ventilation during charging.

## PRODUCT OVERVIEW

Familiarize yourself with the components of your camcorder.

### Camera Components



Image: The VAHOIALD 4K Video Camera Camcorder, showing the main unit, external microphone, handheld stabilizer, two batteries, and a remote control.

1. **Lens:** Main optical component for capturing images and video.
2. **3-inch Rotatable Touch Screen:** For viewing, menu navigation, and playback.
3. **Power Button:** To turn the camera on/off.
4. **Record/Stop Button:** Initiates and ends video recording.
5. **Zoom Lever:** Controls digital zoom (telephoto/wide-angle).
6. **Mode Dial:** Selects between video, photo, and other modes.

7. **Battery Compartment:** Houses the rechargeable battery.
8. **SD Card Slot:** For inserting a memory card.
9. **USB Port:** For data transfer and charging.
10. **HDMI Port:** For connecting to external displays.
11. **Microphone Input:** For connecting the external microphone.

## SETUP

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### 1. Battery Installation and Charging

Insert the rechargeable battery into the battery compartment. Connect the camera to the charging adapter using the USB cable to charge. The charging indicator will show the status.



Image: A hand inserting a battery into the camcorder's battery slot.

### 2. Memory Card Installation

Insert a compatible SD card (not included) into the SD card slot until it clicks into place. Ensure the card is formatted via the camera's menu before first use to prevent data corruption.

### 3. Attaching the External Microphone

Connect the external microphone to the camera's microphone input jack. Secure the microphone to the hot shoe mount on top of the camera for optimal audio capture.



Image: A hand attaching the external microphone to the top of the camcorder.

### 4. Attaching the Lens Hood

Attach the lens hood to the front of the lens. This accessory helps reduce lens flare from strong light sources and provides physical protection for the lens.



Image: Comparison of images taken with and without a lens hood, demonstrating reduced glare and improved color saturation with the hood attached.

## 5. Attaching the Handheld Stabilizer

Mount the camcorder onto the handheld stabilizer. This accessory is designed to provide improved stability and reduce camera shake during handheld recording, especially when moving.

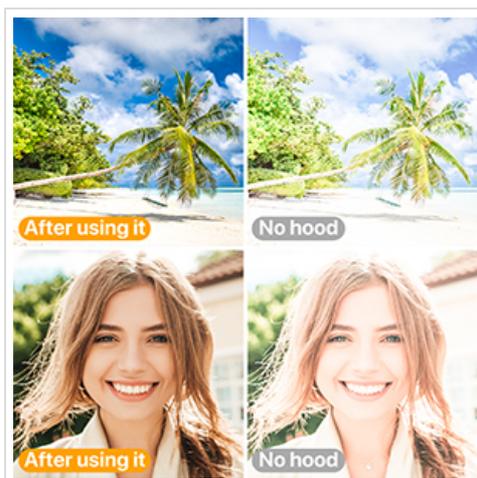


Image: A camcorder attached to a handheld stabilizer, being used by a person skateboarding, illustrating its use for stable action shots.

## 6. Initial Power On

Press and hold the power button to turn on the camera. Follow any on-screen prompts for initial setup, such as setting the date and time.

## OPERATING INSTRUCTIONS

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### Basic Recording

1. Turn on the camera.
2. Ensure the mode is set to video recording (usually indicated by a camera icon).
3. Frame your shot using the rotatable screen.
4. Press the **Record/Stop** button to start recording. A red indicator light or on-screen icon will confirm recording is active.
5. Press the **Record/Stop** button again to stop recording.

## Photo Mode

Switch the mode dial to photo mode. Press the shutter button to capture a still image. The camera supports 48MP image resolution.

## Zoom Function

Use the zoom lever, typically located near the top of the camera, to zoom in (telephoto) or zoom out (wide-angle). The camera supports 16X digital zoom.

## Wifi Connection

Mobile phone remote shooting and transferring the files in the camera to the mobile phone at anytime anywhere



Image: A series of three images demonstrating the effect of 4X, 8X, and 16X digital zoom on a subject, showing increasing magnification.

## Wi-Fi Connection

Download the "iSmart DV" app on your smartphone or tablet (available for Android & iOS). Enable Wi-Fi on the camera through its menu settings. Connect your mobile device to the camera's Wi-Fi network. This allows for remote control of recording and convenient file transfer to your device for sharing.



Image: A camcorder displaying a Wi-Fi signal icon, with a smartphone in the foreground showing the "iSmart DV" app interface, indicating remote control and file transfer capabilities.

## IR Night Vision

Activate IR Night Vision mode through the camera's menu for recording in low light or completely dark environments. Video will be captured in black and white, utilizing infrared light to illuminate the scene.



Image: The camcorder's screen displaying a black and white image captured using IR night vision, showing people in a dimly lit setting.

## Webcam Function

Connect the camera to your computer via the provided USB cable. On the camera's screen, select "Webcam" mode when prompted. This allows the camera to function as a high-quality webcam for video calls, live streaming, or online teaching.

# 2023 Newest 4K Video Camera



**Features 1: Adopts 6-Axis Anti-Shake Technology**



**Features 2: Improves color saturation**

Image: A camcorder positioned on a tripod, connected to a laptop for webcam use, and a separate image showing the camcorder connected to a television via HDMI for video output.

## Special Features

- **Pause Function:** Allows you to pause and resume recording within a single video file, useful for editing on the fly.
- **Continuous Shooting:** Capture a rapid sequence of still photos by holding down the shutter button.
- **Time-lapse Shooting:** Record frames at set intervals over an extended period to create a compressed time-lapse video.
- **Slow Motion:** Record video at a higher frame rate, enabling smooth slow-motion playback for dramatic effects.
- **Recording While Charging:** The camera can operate and record video while connected to a power source, extending usage time.
- **270-degree Rotatable Touch Screen:** The LCD screen can be rotated to various angles, including facing forward for self-vlogging or monitoring.



Image: A camcorder with its screen rotated 270 degrees, demonstrating its flexibility for various shooting angles, including self-recording.

- **Remote Control:** Use the included remote for convenient operation from a distance, ideal for self-recording or group shots.



Image: A person using the remote control to operate the camcorder, which is mounted on a tripod, illustrating hands-free operation.

## MAINTENANCE

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### Cleaning

- Use a soft, dry, lint-free cloth to clean the camera body.
- For the lens and screen, use a specialized lens cleaning cloth and a small amount of lens cleaning solution. Avoid abrasive materials.
- Do not use organic solvents or strong chemicals to clean the camera.

### Storage

- Store the camera in a cool, dry place away from direct sunlight, high humidity, and extreme temperatures.
- Remove the battery if storing for extended periods to prevent leakage.
- Use the provided camera bag for protection during transport and storage.

## TROUBLESHOOTING

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## Common Issues and Solutions

- **Camera does not power on:**
  - Ensure the battery is fully charged and correctly inserted.
  - Try connecting the camera to a power source using the USB cable and adapter.
- **Poor image/video quality:**
  - Check lighting conditions; ensure adequate illumination.
  - Ensure the lens is clean and free from smudges or dust.
  - Verify that the desired resolution (e.g., 4K) is selected in the camera settings.
  - For anti-shake, ensure the 6-Axis anti-shake feature is enabled in settings.
- **Wi-Fi connection issues:**
  - Ensure the "iSmart DV" app is installed and updated on your mobile device.
  - Restart both the camera and your mobile device.
  - Check Wi-Fi settings on both devices to ensure they are connected to the camera's network.
- **Microphone not recording audio:**
  - Ensure the external microphone is securely connected to the microphone input jack.
  - Check if the external microphone requires its own battery and if it is charged/inserted correctly.
  - Verify audio input settings in the camera menu.
- **Webcam function not working:**
  - Ensure the camera is in "Webcam" mode after connecting to the computer via USB.
  - Check your computer's device manager to ensure the camera is recognized and drivers are installed.
  - Ensure your video conferencing software is configured to use the camera as its video source.

## SPECIFICATIONS

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Feature	Detail
Model	HDV-514K Plus
Video Resolution	4K (60fps), 1080P (120Hz)
Image Resolution	48MP
Digital Zoom	16X
Screen	3-inch 270-degree Rotatable Touch Screen
Image Stabilization	6-Axis Anti-Shake
Connectivity	Wi-Fi, HDMI, USB
Special Features	IR Night Vision, Webcam Function, Pause Function, Continuous Shooting, Time-lapse, Slow Motion, Remote Control
Photo Sensor Technology	CMOS

Flash Memory Type	SD
Video Capture Format	MOV
Item Weight	2.01 pounds
Product Dimensions	5.31 x 2.56 x 2.56 inches

## WARRANTY AND SUPPORT

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For detailed warranty information, product registration, and customer support, please refer to the documentation included with your purchase or visit the official VAHOIALD website. Keep your proof of purchase for warranty claims.

## OFFICIAL PRODUCT VIDEOS

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The following videos provide additional visual guidance on using your VAHOIALD 4K Video Camera Camcorder.

### VAHOIALD 4K Camcorder Overview

Your browser does not support the video tag. This video provides an overview of the VAHOIALD 4K Video Camera Camcorder, showcasing its features and design.

Video Description: This video offers a visual guide to the VAHOIALD 4K Video Camera Camcorder, highlighting its key functionalities and physical attributes.

### VAHOIALD 4K Camcorder Features Preview

Your browser does not support the video tag. This short preview video demonstrates some of the main features of the VAHOIALD 4K Video Camera Camcorder.

Video Description: A brief preview video illustrating various features of the VAHOIALD 4K Video Camera Camcorder, such as its screen rotation and anti-shake capabilities.