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> CAMWORLD 5K 56MP Camcorder Video Camera User Manual

CAMWORLD AC12

CAMWORLD 5K 56MP Camcorder Video Camera User Manual

Model: AC12

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your CAMWORLD 5K 56MP Camcorder Video Camera. Designed for high-quality video recording and photography, this camcorder features 5K video resolution, 56MP image resolution, a 3.0-inch 270° rotatable touchscreen, and various advanced functions including Wi-Fi connectivity, night vision, and anti-shake technology. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience.

WHAT'S IN THE BOX

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

- 1 × CAMWORLD 5K 56MP Video Camera Camcorder
- 1 × 64GB SD Card (U3 speed SDHC)
- 1 × USB Cable
- 1 × HDMI Cable
- 2 × Rechargeable Batteries (2400mAh)
- 1 × Camcorder Bag
- 1 × Handheld Stabilizer
- 1 × External Microphone
- 1 × Mini Tripod
- 1 × IR Remote Control
- 1 × Lens Hood
- 1 × User Manual



Image: The CAMWORLD 5K 56MP Camcorder shown with all its included accessories, such as the microphone, lens hood, tripod, batteries, SD card, and remote control.

SETUP

1. Battery Installation

Insert the two included 2400mAh rechargeable batteries into the battery compartment located at the bottom of the camcorder. Ensure correct polarity as indicated inside the compartment. Charge batteries fully before first use.

2. SD Card Installation

Locate the SD card slot, typically on the side or bottom of the camcorder. Insert the 64GB SDHC (U3 speed) card with the gold contacts facing down until it clicks into place. To remove, press the card gently until it pops out.

3. Microphone Attachment

Attach the external microphone to the hot shoe mount on top of the camcorder. Connect the microphone's audio cable to the designated microphone input port, usually a 3.5mm jack, on the camcorder body.

IR Remote Control and Microphone



WiFi Connection

Downloading "Lercenker" APP, turn on your phone into a remote to control the camcorder, and browse images or download files from the camera to mobile phone by WiFi for sharing



Android & IOS



Image: The camcorder with the external microphone attached, demonstrating its position on top of the device. A remote control is also shown, indicating its use for camera operation.

4. Lens Hood Attachment

Align the lens hood with the front of the camcorder lens. Twist gently to secure it in place. The lens hood helps to block excess light, reduce glare, and protect the lens from accidental damage.

3.0in 270° Rotation Touch Screen



Engineering
Plastic



Low Refractive
Index



Prevent Rain
and Snow



Reducing
Collision Damage

Image: The camcorder's 3.0-inch 270° rotatable touchscreen is shown in an open position. An inset image demonstrates the effect of the lens hood, showing a clearer image "With Hood" compared to "Without Hood".

5. Stabilizer Attachment

The handheld stabilizer provides a comfortable grip and helps maintain steady footage. Attach the camcorder to the stabilizer's mounting screw. The stabilizer is foldable for easy transport and features an ergonomic design.

6. Tripod Attachment

For stable, stationary shots, attach the camcorder to the mini tripod using the standard tripod screw mount at the bottom of the camera. The tripod is adjustable for various angles and heights.

Adjustable Tripod



Handheld Stabilizer



Image: Demonstrates the adjustable mini tripod in both folded and extended positions. Below it, the handheld stabilizer is shown, highlighting its collapsible and ergonomic design for comfortable use.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press and hold the 'Power' button located on the camcorder to turn the device on or off. The touchscreen will illuminate upon successful power-on.

2. Using the 3.0" 270° Rotatable Touchscreen

The camcorder features a 3.0-inch touchscreen that can rotate up to 270 degrees, allowing for flexible shooting angles, including self-recording for vlogging. Navigate menus and settings by tapping the screen. The screen also provides a live view of your recording.

3.0in 270° Rotation Touch Screen



Engineering Plastic



Low Refractive Index



Prevent Rain and Snow



Reducing Collision Damage

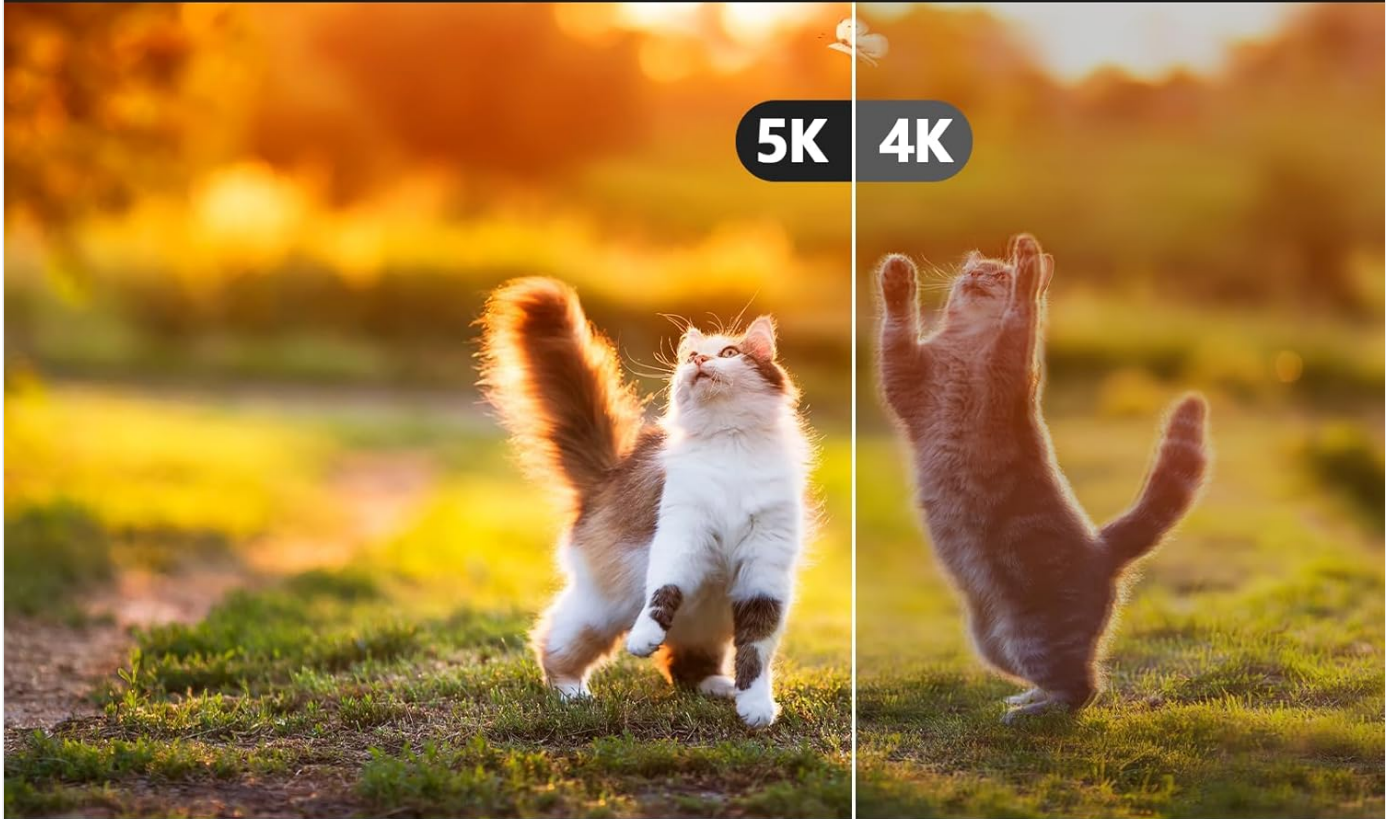
Image: The camcorder's 3.0-inch touchscreen is shown rotated 270 degrees, demonstrating its flexibility for various shooting angles.

3. Recording Video (5K) and Taking Photos (56MP)

To record video, ensure the camcorder is in video mode (indicated by an icon on the screen). Press the 'Record' button to start and stop recording. For still photos, switch to photo mode and press the 'Shutter' button. The camcorder supports 5K video resolution and 56MP image resolution for high-quality captures.



5K 56MP Camcorder



UHD 5K



56MP Image Resolution



Anti-Shake



WiFi Function



Infrared Night Vision



3.0" Touchscreen



Remote Control



Webcam



Slow Motion



Loop Recording

Image: An overview of the camcorder's key features, highlighting its 5K Ultra HD video and 56MP image resolution capabilities, along with anti-shake, WiFi, IR night vision, touchscreen, remote control, webcam, slow motion, and loop recording functions.

4. Zoom Function

Utilize the zoom controls, typically located near the top of the camcorder, to digitally zoom in or out on your subject. The camcorder supports 16X digital zoom.

5. Night Vision Modes

The camcorder features IR Night Vision for clear black and white footage in dark environments. Short-press the 'Power' button to toggle infrared night vision mode on or off. Some models may also support full-color night vision.

5K Full-Color Night Vision

Clear images and videos in 2 Night Vision Modes



Image: Comparison of infrared night vision (black and white) and color night vision, demonstrating the camcorder's ability to capture clear images in low-light conditions using different night vision modes.

6. Webcam Function & HDMI Output

Connect the camcorder to your PC via the USB cable. Select 'PC Camera' mode on the camcorder to use it as a webcam for video chatting or live streaming. For viewing content on a larger screen, connect the camcorder to a TV or monitor using the HDMI cable.



Image: Top panel shows the camcorder connected to a laptop, functioning as a webcam for video calls. The bottom panel illustrates the camcorder connected to a television via HDMI, displaying its output on a larger screen.

7. WiFi Connection and App Usage

Enable the Wi-Fi function on the camcorder. Download the "Lercenker" app from your mobile device's app store (available for Android and iOS). Connect your mobile device to the camcorder's Wi-Fi network. This allows you to control the camcorder remotely, browse images, and download files directly to your phone for sharing.

Download the app here: [Lercenker App Download](#)

IR Remote Control and Microphone



WiFi Connection

Downloading "Lercenker" APP, turn on your phone into a remote to control the camcorder, and browse images or download files from the camera to mobile phone by WiFi for sharing



Android & IOS



Image: Shows the camcorder with a smartphone displaying the "Lercenker" app interface, indicating remote control and file transfer capabilities via WiFi. QR codes for Android and iOS app downloads are also visible.

8. Remote Control Operation

The included IR remote control allows for convenient operation from a distance. When using the remote, ensure the camcorder is powered on and point the remote towards the camera's IR receiver window. The effective range is approximately 8 meters.

9. Special Features

- **WDR (Wide Dynamic Range):** Improves image quality in scenes with both very bright and very dark areas.
- **Playback:** Review recorded videos and photos directly on the camcorder's screen.
- **Continuous Shooting:** Capture a rapid sequence of still images.
- **Time-Lapse:** Record events that unfold slowly over time, compressing them into a short video.
- **Slow Motion:** Capture high-speed events and play them back at a reduced speed.
- **Loop Recording:** Continuously record, overwriting the oldest footage when the memory card is full.

- **Anti-Shake:** Digital image stabilization to reduce blur from camera movement.
- **Self-Timer:** Set a delay before a photo is taken.
- **Recording While Charging:** The camcorder supports operation while connected to a power source.

MAINTENANCE

1. Battery Care

The camcorder uses two 2400mAh rechargeable batteries. A fully charged battery provides approximately 120-150 minutes of recording time. To charge, connect the camcorder to a power source using the USB cable. Store batteries in a cool, dry place when not in use. Avoid extreme temperatures.

2. Cleaning

Use a soft, lint-free cloth to clean the camcorder body and screen. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials or harsh chemicals that could damage the surfaces.

3. Storage

When not in use, store the camcorder in its provided bag to protect it from dust and scratches. Keep it in a dry environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camcorder does not power on.	Low or depleted battery; incorrectly inserted battery.	Ensure batteries are fully charged and correctly inserted. Try using the second battery.
Poor video/photo quality.	Insufficient lighting; dirty lens; incorrect settings (e.g., low resolution).	Ensure adequate lighting. Clean the lens. Check resolution settings (set to 5K/56MP). Use anti-shake feature.
SD card error.	SD card not inserted correctly; incompatible card; card full or corrupted.	Reinsert the SD card. Ensure it is a U3 speed SDHC card. Format the card (this will erase all data). Try a different SD card.
No audio recording.	External microphone not connected properly; microphone settings incorrect.	Ensure the external microphone is securely connected to the audio jack. Check camcorder audio input settings.
WiFi connection issues.	Incorrect app or connection steps; interference.	Ensure the "Lercenker" app is installed. Follow the WiFi connection steps carefully. Try restarting both camcorder and mobile device.
Remote control not working.	Battery in remote depleted; not pointing at IR receiver; too far away.	Replace remote control battery. Ensure direct line of sight to the camcorder's IR receiver. Stay within 8 meters.

SPECIFICATIONS

Feature	Detail
Brand	CAMWORLD
Model Number	AC12
Video Capture Resolution	5K
Image Resolution	56 Megapixels
Screen Size	3.0 Inches (270° Rotatable Touchscreen)
Sensor Technology	CMOS
Maximum Aperture	2 f
Flash Memory Type	SDHC (64GB U3 SD Card included)
Video Capture Format	MP4
Supported Audio Format	MP4
Connectivity Technology	Wi-Fi, USB, HDMI
Special Features	Night Vision, Remote Control, Anti-Shake, Slow Motion, Time Lapse, WDR, Loop Recording, Webcam Function
Batteries	2 x 2400mAh A batteries (included)
Item Weight	1.87 pounds
Product Dimensions	5.12 x 2.17 x 2.36 inches
Color	Black

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official CAMWORLD website. Keep your purchase receipt as proof of purchase for warranty claims.

If you have any questions regarding your CAMWORLD camcorder, please contact customer service for assistance.