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› User Manual: zheozeig 5K Digital Camera

zheozeig DC203

User Manual: 5K Digital Camera

Brand: zheozeig | Model: DC203

1. INTRODUCTION

This manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your zheozeig 5K Digital Camera (Model DC203). This camera is designed for photography and videography enthusiasts, offering 5K 30FPS video recording and 48MP high-resolution photo capture with advanced 6-axis gyroscope autofocus. It features dual cameras, a 16X digital zoom, and a user-friendly mode dial, making it suitable for various occasions from vlogging to travel photography.



Figure 1.1: zheozeig 5K Digital Camera with accessories.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x 5K Video Camera (Main Unit)
- 1 x 32GB Micro SD Card
- 2 x Rechargeable Lithium-Ion Batteries
- 1 x HDMI Cable
- 1 x Power Adapter
- 1 x USB Type-C Cable
- 1 x Camera Pouch
- 1 x Cleaning Cloth
- 1 x Camera Wrist Strap

- 1 x User Manual (this document)



Figure 2.1: Contents of the zheozeig 5K Digital Camera package.

3. PRODUCT FEATURES

- **High-Resolution Imaging:** Records 5K 30FPS videos and captures 48MP photos, ensuring sharp and clear visuals.
- **Advanced Autofocus:** Equipped with a 6-axis gyroscope autofocus system for precise and rapid focusing.
- **Dual Cameras:** Features both a front camera for selfies and a rear camera for general photography and videography.
- **16X Digital Zoom:** Allows for magnification of subjects from a distance.
- **Versatile Shooting Modes:** Includes continuous shooting, time-lapse, slow-motion, anti-shake, and self-timer functions. The pause function in video recording helps streamline editing.
- **Built-in Flash:** Provides illumination for clear photos in low-light conditions.
- **Compact and Portable Design:** Weighing only 0.5 lbs and measuring 4.6 x 2.8 x 1.8 inches, the camera is lightweight and easy to carry.
- **Intuitive Mode Dial:** Simplifies switching between various shooting modes.
- **Optical Viewfinder:** Enables real-time image composition and enhances shooting stability.
- **Webcam Functionality:** Can be connected to a computer and used as a webcam for social media platforms and live streaming.
- **Hot Shoe:** Supports external microphones or flash lights for enhanced audio and lighting.
- **Standard Tripod Mount:** Features a 1/4-inch screw hole for easy mounting on tripods.



Figure 3.1: Dual Camera System.



Figure 3.2: Autofocus in action.



Figure 3.3: 16X Digital Zoom capability.



Figure 3.4: Anti-Shake function.

Compact Travel Camera with Dial



Figure 3.5: Compact and Portable Design.

4. SETUP GUIDE

4.1. Battery Installation and Charging

1. Open the battery compartment cover located on the bottom of the camera.
2. Insert a rechargeable battery, ensuring correct polarity as indicated inside the compartment.
3. Close the battery compartment cover securely.
4. To charge the battery, connect the camera to the power adapter using the provided USB Type-C cable. The charging indicator light will illuminate.
5. A full charge typically takes approximately 2-3 hours. The indicator light will change or turn off when charging is complete.

4.2. Micro SD Card Insertion and Formatting

1. Locate the Micro SD card slot, usually adjacent to the battery compartment.
2. Insert the 32GB Micro SD card (included) into the slot until it clicks into place. Ensure the card is oriented correctly.
3. **Important:** When using the Micro SD card for the first time, it is highly recommended to format it through the camera's menu. This ensures optimal compatibility and performance. The camera supports Micro SD memory cards from 4GB to 256GB.
4. To format, power on the camera, navigate to the 'Settings' or 'System' menu, and select 'Format SD Card'. Confirm your selection.



Figure 4.1: Camera components and port locations.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

Press and hold the Power button (usually located on the top or side of the camera) for a few seconds to turn the camera on or off.

5.2. Selecting Shooting Modes

Rotate the Mode Dial on the top of the camera to select your desired shooting mode. Available modes typically include:

- **Camera Mode:** For taking still photographs.
- **Video Mode:** For recording video footage.
- **Time-Lapse Recording:** Captures a series of images over time to create a sped-up video.
- **Slow-Motion:** Records video at a higher frame rate for slow-motion playback.
- **Loop Record:** Continuously records, overwriting the oldest footage when the memory card is full.
- **Time-Lapse Photo:** Captures still images at set intervals.
- **Selfie Timer:** Sets a delay before taking a photo, allowing you to get into position.
- **Continuous Shooting:** Captures multiple photos in rapid succession.

Switch Modes Simply by Mode Dial



Figure 5.1: Mode Dial and available shooting modes.

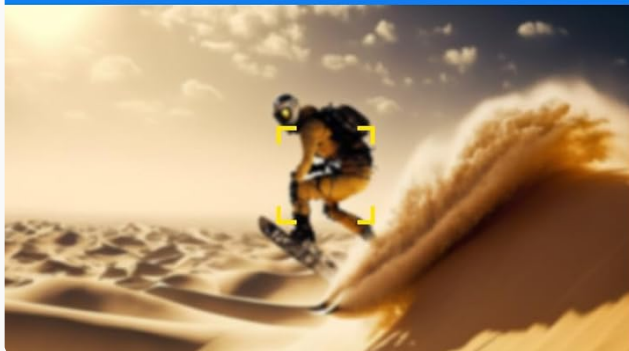
5.3. Taking Photos

1. Select 'Camera Mode' using the Mode Dial.
2. Frame your shot using the LCD screen or the optical viewfinder.
3. Half-press the Shutter button to activate autofocus. The camera will attempt to focus on the subject.
4. Once focused (indicated by a change in the focus frame color or a beep), fully press the Shutter button to capture the photo.

5K/48MP Autofocus Photography Camera



Half press the shutter to autofocus



Press the shutter to takes photos

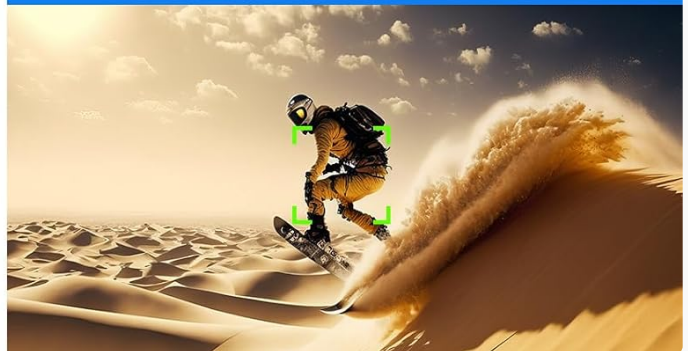


Figure 5.2: Autofocus and Photo Capture Process.

5.4. Recording Videos

1. Select 'Video Mode' using the Mode Dial.
2. Press the Record button (often marked with a red dot or 'REC') to start recording.
3. Press the Record button again to stop recording.
4. To use the pause function during video recording, press the 'OK' button (center of the directional pad). Press it again to resume recording.

5.5. Using Digital Zoom

Use the Zoom In/Out buttons (often marked with 'W' and 'T' or '+' and '-') to adjust the 16X digital zoom level while framing your shot or recording video.

5.6. Activating Special Features

Many features like Anti-Shake, Self-Timer, and Fill Light can be toggled on or off through the camera's menu system or dedicated buttons. Refer to the on-screen prompts and menu options for specific controls.



Figure 5.3: Overview of various camera functions.

5.7. Webcam Functionality

To use the camera as a webcam:

1. Connect the camera to your computer using the USB Type-C cable.
2. On the camera's screen, select 'PC Camera' or 'Webcam Mode' if prompted.
3. Your computer should recognize the camera as a webcam. You can then select it as your video input device in video conferencing software or streaming applications.

6. MAINTENANCE

6.1. Cleaning the Camera

- Use the provided cleaning cloth to gently wipe the camera body and LCD screen.
- For stubborn smudges, slightly dampen the cloth with water or a lens cleaning solution (do not spray directly on the

camera).

- Avoid using abrasive materials or strong chemical cleaners, as they may damage the camera's finish or lens.
- Keep the lens free of dust and fingerprints for optimal image quality.

6.2. Battery Care

- Always use the original charger and cable provided with the camera.
- Do not expose batteries to extreme temperatures (hot or cold).
- If the camera will not be used for an extended period, remove the batteries and store them in a cool, dry place.

6.3. SD Card Handling

- Always power off the camera before inserting or removing the Micro SD card to prevent data corruption.
- Handle the SD card by its edges to avoid touching the metal contacts.
- Store SD cards in a protective case when not in use.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Ensure batteries are fully charged and inserted with correct polarity. Try using the second included battery.
"SD Card Error" message appears.	SD card is not formatted, corrupted, or faulty.	Format the SD card through the camera's menu. If the issue persists, try a different, known-good Micro SD card. Ensure the camera is off before inserting/removing the card.
Photos are blurry.	Insufficient light, subject movement, or focus issue.	Ensure adequate lighting. Use the Anti-Shake function. Half-press the shutter button to allow the camera to autofocus before fully pressing to capture. Ensure the subject is still.
Camera not recognized as webcam.	Incorrect connection mode or driver issue.	Ensure 'PC Camera' or 'Webcam Mode' is selected on the camera after connecting to the computer. Try a different USB port or cable.
Battery not charging.	Faulty cable, adapter, or battery.	Verify the USB cable and power adapter are securely connected. Try a different USB port or power source. Test with the second battery. If issues persist, contact customer support.

If the problem persists after attempting these solutions, please contact zheozeig customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	DC203

Feature	Detail
Brand	zheozeig
Photo Sensor Resolution	48MP (Effective Still Resolution: 20 MP)
Video Resolution	5K (30 FPS), 1080p
Digital Zoom	16x
Autofocus	Yes (Contrast Detection)
Image Stabilization	Digital (6-axis anti-shake)
Supported File Formats	JPG (Image), MP4 (Video)
Memory Storage	Micro SD card (4GB to 256GB supported, 32GB included)
Screen Size	2.8 Inches LCD
Viewfinder	Optical
Connectivity	USB, HDMI, Wi-Fi (for webcam function)
Battery Type	Lithium Ion (800mAh), 2 included
Item Dimensions (D x W x H)	1.8"D x 4.6"W x 2.8"H
Item Weight	0.5 Pounds
Special Features	Dual Camera, Viewfinder, Autofocus, 5K, Flash light, Fill Light, 6-Axis anti-shake, 16x Digital Zoom, Date Stamp, Self Timer, Continuously Shooting, Filter
Skill Level	Amateur, Professional

9. WARRANTY AND SUPPORT

9.1. Product Warranty

The zheozeig 5K Digital Camera (Model DC203) comes with a **1-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.

9.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact zheozeig customer support. Please have your product model number (DC203) and purchase information ready when contacting support.
Contact information (e.g., email, website) would typically be provided here by the manufacturer. Please refer to your product packaging or the official zheozeig website for the most current support details.

