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Ahlirmoy DC101

Ahlirmoy DC101 48MP 4K Compact Digital Camera User Manual

Model: DC101

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Ahlirmoy DC101 48MP 4K Compact Digital Camera. Please read this manual thoroughly before using the camera to ensure proper function and to maximize your user experience. This camera is designed for capturing high-quality photos and videos, offering features suitable for various users, including beginners and vloggers.



Figure 1.1: Ahlirmoy DC101 Camera and Accessories

The package includes the digital camera, a USB cable, an HDMI cable, two rechargeable batteries, a charging stand, a 32GB SD card, a user manual, and a lens film.



Figure 1.2: Package Contents

2. CAMERA COMPONENTS

Familiarize yourself with the various parts of your camera to ensure efficient operation.



Figure 2.1: Parts of the Camera

- **Speaker:** For audio playback.
- **Indicator Light:** Displays camera status (e.g., charging, recording).
- **On/Off Button:** Powers the camera on or off.
- **Shutter Button:** Captures photos or starts/stops video recording.

- **LED Fill Light:** Provides additional illumination in low-light conditions.
- **Hook:** For attaching a wrist strap or lanyard.
- **Zoom In/Out:** Adjusts the digital zoom level.
- **Button Area:** Contains navigation and function buttons.
- **HDMI Output:** Connects the camera to an external display.
- **Charging Area:** USB port for charging and data transfer.
- **Mic Hole:** Built-in microphone.
- **Mode/Menu Button:** Accesses camera modes and settings.
- **1/4 Tripod Port:** For mounting the camera on a tripod.

3. SETUP

3.1. Battery Installation and Charging

1. Open the battery compartment cover on the bottom of the camera.
2. Insert a fully charged Lithium-ion battery, ensuring correct polarity.
3. Close the battery compartment cover securely.

To charge the battery, use the provided charging stand and USB cable. The camera also supports recording while charging via the USB port.



Figure 3.1: Charging Options

3.2. SD Card Installation

1. Locate the SD card slot, usually on the side or bottom of the camera.
2. Insert the 32GB SD card (included) into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, gently press the card until it springs out.

4. OPERATING THE CAMERA

4.1. Power On/Off

Press and hold the **On/Off** button to power the camera on or off.

4.2. Taking Photos

The camera features a 48MP sensor with autofocus for clear images.

1. Turn on the camera.
2. Frame your shot using the 3.0" LCD screen.

3. Press the **Shutter Button** halfway down to activate autofocus.
4. Press the **Shutter Button** fully to capture the photo.



Figure 4.1: 48MP HD Autofocus Function

4.3. Recording Videos

Record Ultra HD 4K videos with the camera's advanced capabilities.

1. Switch to video mode using the **Mode Button**.
2. Press the **Shutter Button** to start recording.
3. Press the **Shutter Button** again to stop recording.

The camera supports a video pause function, allowing you to temporarily stop and resume recording within the same file.

4K Ultra High Resolution for Video

More details for a better viewing experience



Figure 4.2: 4K Ultra High Resolution for Video

4.4. Using the 180° Flip Screen

The 3.0" LCD screen can be flipped 180° for convenient self-portraits and vlogging.

1. Gently pull the screen outwards and rotate it 180° towards the front of the camera.
2. The display will automatically adjust for self-viewing.

3 inch 180° Flip Screen for Convenient Selfies



Figure 4.3: 180° Flip Screen for Selfies

4.5. Digital Zoom

Utilize the 16x digital zoom to get closer to your subject.

1. While in photo or video mode, press the **Zoom In** button to magnify the image.
2. Press the **Zoom Out** button to reduce magnification.

16X Digital Zoom



Figure 4.4: 16x Digital Zoom

4.6. Additional Functions

The DC101 camera offers several advanced features:

- **Anti-Shake:** Digital image stabilization to reduce blur from camera movement.
- **Continuous Shooting:** Capture a rapid sequence of photos.
- **Built-in Flash:** Provides illumination for photos in dark environments.
- **Slow Motion:** Records video at a higher frame rate for slow-motion playback.
- **Webcam Function:** Connect to a computer via USB and select 'Webcam' mode for live streaming or video calls.
- **HDMI Output:** Connect to a TV or monitor to view photos and videos on a larger screen.
- **Self-Timer:** Delays the shutter release for self-portraits or group photos.
- **Time-Lapse:** Captures images at set intervals to create a time-lapse video.
- **Motion Detection:** Automatically starts recording when motion is detected.

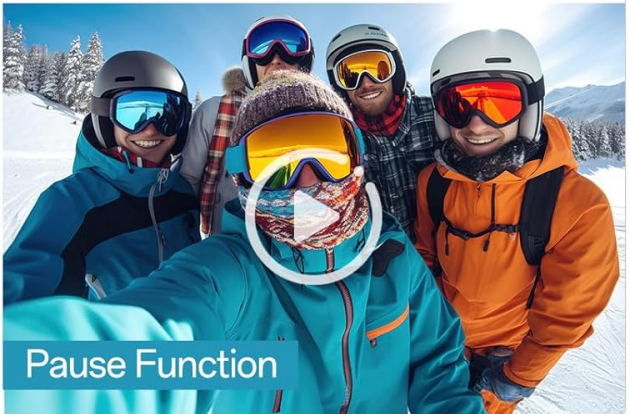
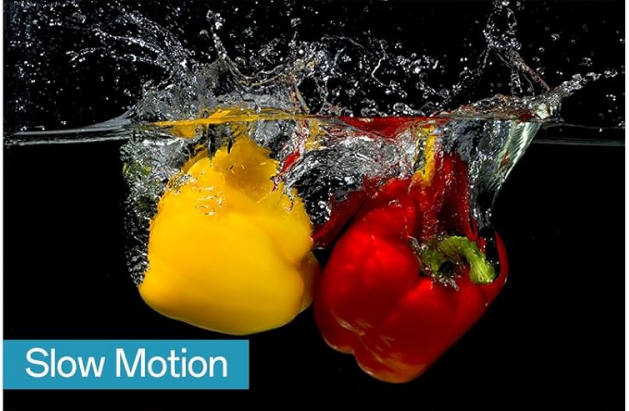


Figure 4.5: Multi-functional Features

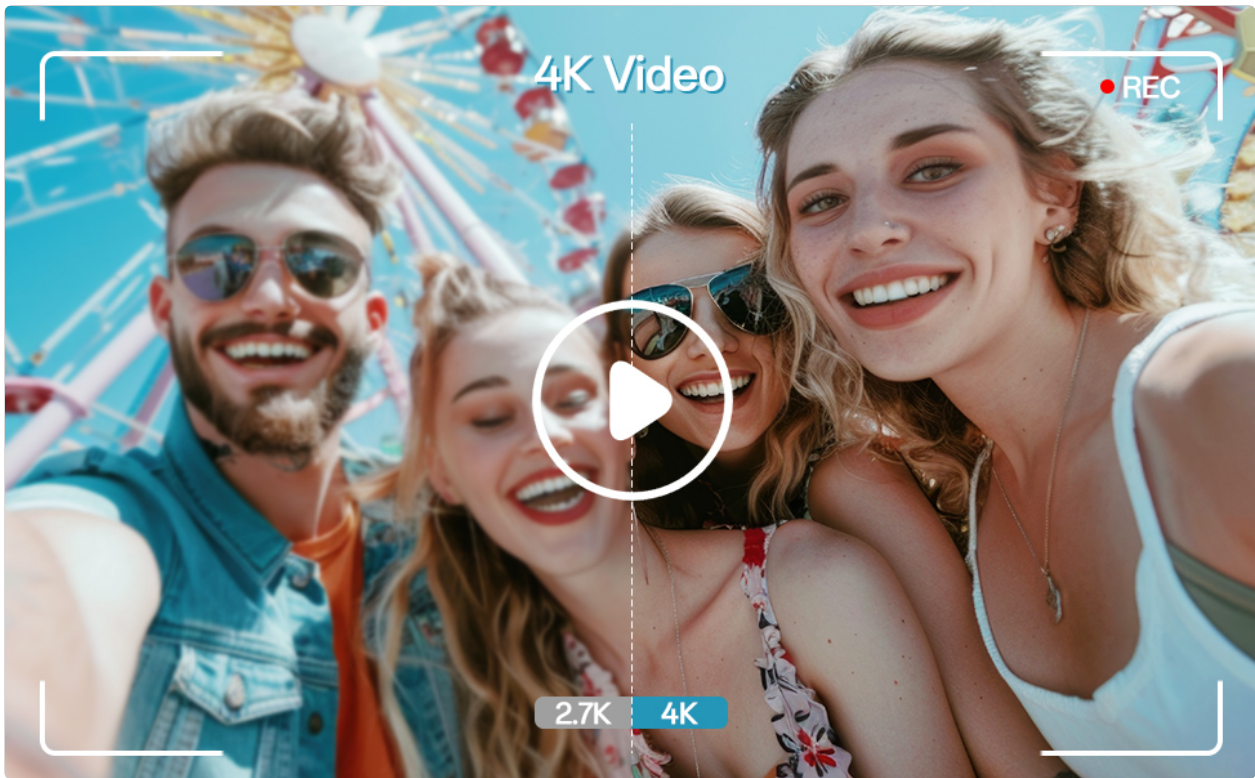


Figure 4.6: Webcam and HDMI Output Usage

5. MAINTENANCE

5.1. Cleaning the Camera

- Use a soft, lint-free cloth to clean the camera body.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid touching the lens surface directly.
- Do not use harsh chemicals or abrasive materials.

5.2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging batteries frequently to prolong their lifespan.
- Use only the provided charger and batteries.

5.3. Storage

- When storing the camera for extended periods, remove the battery.
- Keep the camera in a protective case to prevent dust and scratches.
- Avoid extreme temperatures and high humidity.

6. TROUBLESHOOTING

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

- **Camera does not power on:**
 - Ensure the battery is fully charged and correctly inserted.
 - Try using the second included battery.
- **Images are blurry:**

- Ensure autofocus is engaged by pressing the shutter button halfway.
 - Check for sufficient lighting.
 - Activate the anti-shake function in the settings.
 - Clean the lens if it is dirty.
- **SD card error:**
 - Ensure the SD card is inserted correctly.
 - Format the SD card (this will erase all data, back up important files first).
 - Try a different compatible SD card.
- **No video output via HDMI:**
 - Ensure the HDMI cable is securely connected to both the camera and the display.
 - Verify the display input source is set to the correct HDMI port.

For further assistance, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Ahlirmoy
Model	DC101
Color	Black
Product Type	Compact Digital Camera
Effective Still Resolution	48.0 MP
Video Resolution	4K (2160p)
Digital Zoom	16x
Optical Zoom	1.0x
Screen	3.0" LCD (180° Flip Screen)
Image Stabilization	Digital (Anti-shake)
Connectivity Technology	USB, HDMI
Compatible Devices	Devices with USB and HDMI ports
Battery Composition	Lithium-ion (2 included)
Item Weight	293.5 Grams
Model Year	2024
ISO Range	100
Aperture	f/2.8
Shutter Speed	0.00025 seconds (Min/Max)
Water Resistance Level	Not Waterproof

8. WARRANTY AND SUPPORT

Information regarding product warranty and specific support contacts is not available in this manual. Please refer to the product packaging or the manufacturer's official website for warranty details and customer service contact information.