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› Ahlirmoy 56MP 5K Digital Camera with 10X Optical Zoom and Dual 2.8" IPS Touch Screen (Model DC305X) User Manual

Ahlirmoy DC305X

Ahlirmoy 56MP 5K Digital Camera User Manual

Model: DC305X | Brand: Ahlirmoy

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Ahlirmoy 56MP 5K Digital Camera, Model DC305X. This camera is designed to capture high-resolution photos and videos with advanced features such as 10X optical zoom, dual front and rear cameras, and a responsive 2.8-inch IPS touch screen. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

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

- 1 x Ahlirmoy 56MP 5K Digital Camera (Model DC305X)
- 2 x 800mAh Li-ion Batteries
- 1 x 64GB Micro SD Card
- 1 x Type-C USB Cable
- 1 x Protective Case
- 1 x User Manual
- 1 x Cleaning Cloth
- 1 x Wrist Strap



Figure 1: Contents of the Ahlirmoy 56MP 5K Digital Camera package, including the camera, two batteries, a 64GB Micro SD card, USB cable, protective case, and user manual.

3. CAMERA OVERVIEW

Familiarize yourself with the physical components and controls of your camera.

10X Optical Zoom & Flash Light



Figure 2: Front view showing the 10X optical zoom lens and flash. Rear view showing the 2.8-inch IPS touch screen and control buttons.

3.1. Physical Features

- **Lens:** 10X Optical Zoom Lens (f=4.5-45mm, F2.8-F5.6 aperture).
- **Display:** 2.8-inch IPS Touch Screen.
- **Flash:** Built-in flash for low-light conditions.
- **Hot Shoe:** For external accessories like microphones or additional lighting.
- **Ports:** USB (Type-C), HDMI, Microphone input.
- **Battery/Card Compartment:** Located at the bottom, secured by a latch.

4. SETUP

4.1. Battery Installation

Your camera uses 800mAh Li-ion batteries. Ensure batteries are charged before first use.

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the latch to open the cover.

3. Insert the battery into the compartment, aligning the contacts correctly. The battery should click into place.
4. Close the battery compartment cover until it latches securely.

4.2. Memory Card Insertion

The camera supports Micro SD cards up to 64GB. A 64GB card is included.

1. Open the battery compartment cover. The Micro SD card slot is located next to the battery slot.
2. Insert the Micro SD card with the gold contacts facing down, gently pushing until it clicks into place.
3. To remove the card, push it in again until it springs out slightly, then pull it out.
4. Close the battery compartment cover.

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Video 1: Demonstrates the insertion of the battery and Micro SD card into the Ahlirmoy Digital Camera.

4.3. Initial Power On

Press and hold the Power button (usually located on the top or back of the camera) until the screen illuminates and the "Welcome" message appears.

5. OPERATING MODES

The camera offers various shooting and recording modes to suit different scenarios. Use the mode dial or menu options to select your desired mode.

- **Shooting Modes:** Automatic, Landscape, Macro, Manual, Portrait, Sports.
- **Video Recording:** Standard video, Loop recording, Slow motion recording, Time-lapse recording.
- **Special Features:** Continuous shooting, Self-timer (2s, 5s, 10s), Multiple filter effects.

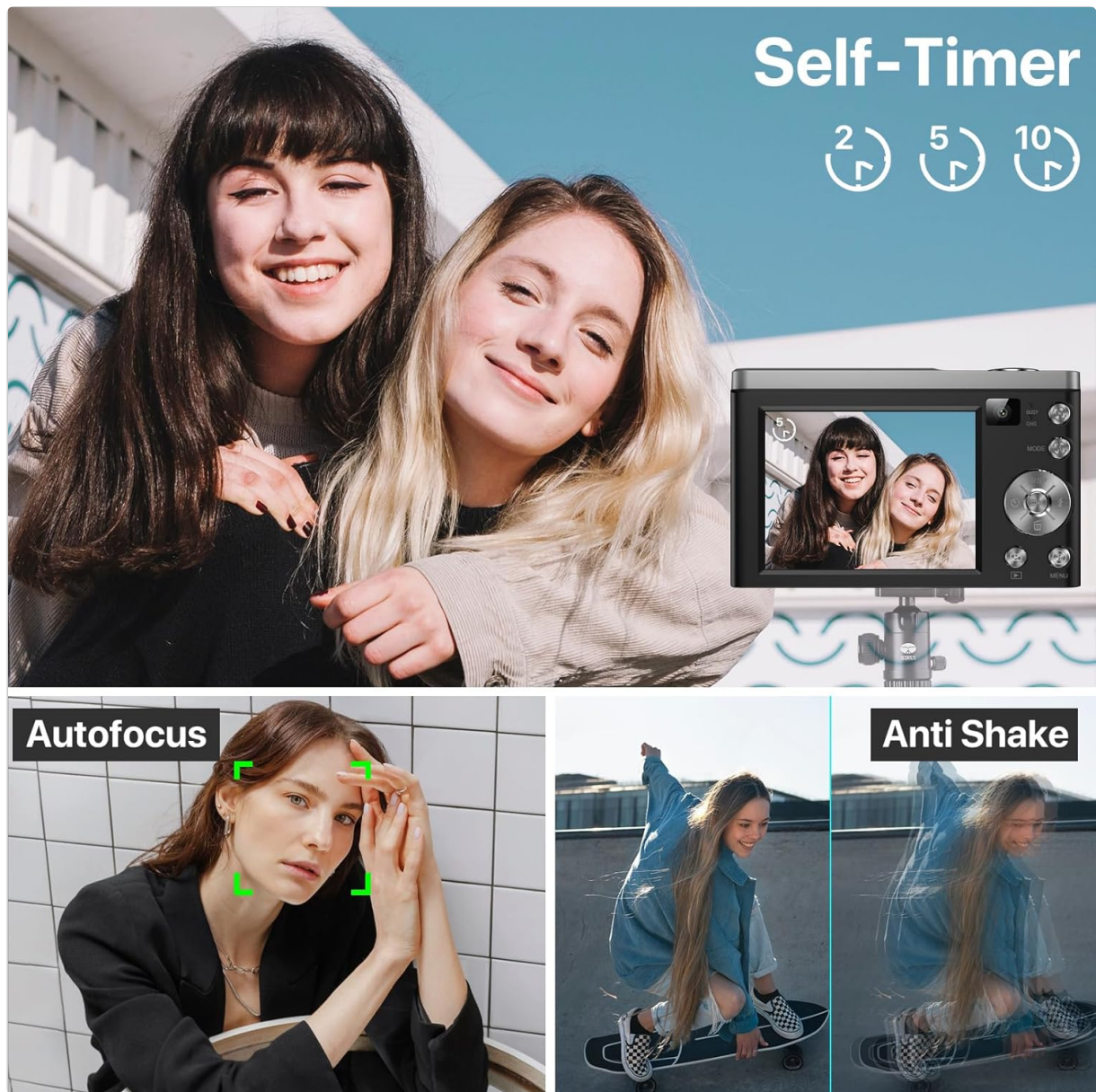


Figure 3: The camera supports self-timer functions (2, 5, 10 seconds), autofocus, and anti-shake technology for stable images.

6. CONNECTIVITY

6.1. Wi-Fi Transmission

The camera features instant Wi-Fi transmission, allowing you to quickly share photos and videos with compatible devices.

1. Access the camera's menu and navigate to the "System" settings.
2. Select "Wi-Fi" and turn it "On".
3. Follow the on-screen instructions to connect to your desired Wi-Fi network or device.

6.2. HDMI Connection to TV

Connect your camera to a TV to view your content on a larger screen.

1. Ensure both the camera and TV are powered off.
2. Connect one end of the HDMI cable (not included) to the camera's HDMI port.
3. Connect the other end to an HDMI input on your TV.

4. Power on the TV and select the corresponding HDMI input.
5. Power on the camera. Your camera's display should now be mirrored on the TV.

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Video 2: Demonstrates connecting the Ahlirmoy Digital Camera to a TV via HDMI cable to view content.

6.3. PC Connection (Webcam & Data Transfer)

Use the included Type-C USB cable to connect your camera to a computer for data transfer or to use it as a webcam.

1. Connect the camera to your computer using the Type-C USB cable.
2. Power on the camera. A menu will appear on the camera screen asking you to select a mode (e.g., USB, PC Camera).
3. Select "USB" for data transfer to access files on the Micro SD card.
4. Select "PC Camera" to use the camera as a webcam for live streaming or video calls.

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Video 3: Shows how to connect the Ahlirmoy Digital Camera to a PC for data transfer or webcam functionality.

7. KEY FEATURES

- **56MP 5K Resolution:** Capture stunning photos and videos with a 56-megapixel sensor and 5K video resolution, powered by the SONY IMX206 16MP Photosensitive Chip for exceptional clarity.
- **10X Optical Zoom & Autofocus:** Bring distant subjects closer with 10X optical zoom, ensuring sharp and clear images with the integrated autofocus system.
- **2.8" IPS Touch Screen & Filter Effects:** Navigate menus and preview content on the vibrant touch screen. Enhance your creativity with multiple built-in filter effects.
- **Dual Cameras:** Effortlessly switch between front and rear cameras to capture diverse perspectives.
- **6-Axis Anti-Shake:** Minimize blur and achieve stable photos and videos, even in dynamic shooting conditions.



Figure 4: Visual representation of the camera's core features, including high resolution, optical zoom, and dual cameras.

8. SPECIFICATIONS

Feature	Specification
Brand	Ahlirmoy
Model Name	DC305X
Effective Still Resolution	56 MP
Video Resolution	5K (4320p)
Optical Zoom	10 x
Screen Size	2.8 Inches
Display Type	IPS Touch Screen
Image Stabilization	Digital, Optical (6-Axis Anti-Shake)
Photo Sensor Technology	CMOS (SONY IMX206 16MP Photosensitive Chip)
Supported File Format	JPEG, RAW
Memory Storage Capacity	64 GB (Micro SD)
Connectivity Technology	USB (Type-C), Wi-Fi
Battery	2 x 800mAh Li-ion
Special Feature	10X optical zoom, dual cameras, 6-axis anti-shake technology

9. MAINTENANCE

- Keep the camera clean using the provided cleaning cloth. Avoid abrasive materials.
 - Store the camera in its protective case when not in use to prevent scratches and dust accumulation.
 - Avoid exposing the camera to extreme temperatures, humidity, or direct sunlight for prolonged periods.
 - Ensure the battery compartment is securely closed to prevent dust or moisture ingress.
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10. TROUBLESHOOTING

If you encounter issues with your camera, try the following solutions:

- **Camera not powering on:** Ensure batteries are correctly inserted and fully charged.
 - **Poor image quality:** Check lighting conditions. Ensure the lens is clean. Verify focus settings. Hold the camera steady during capture.
 - **Memory card error:** Ensure the Micro SD card is correctly inserted. Try formatting the card (this will erase all data).
 - **Connectivity issues:** For Wi-Fi, ensure the camera is within range of the network. For HDMI/USB, ensure cables are securely connected.
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11. WARRANTY AND SUPPORT

Your Ahlirmoy 56MP 5K Digital Camera comes with a **1-year warranty maintenance**. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Ahlirmoy website.