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## Lecnippy DC305X

# Lecnippy 5K Digital Camera DC305X Instruction Manual

Model: DC305X

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use and care of your Lecnippy 5K Digital Camera, model DC305X. Please read this manual thoroughly before operating the camera to ensure optimal performance and longevity.



Image 1.1: Lecnippy 5K Digital Camera DC305X. This image displays the front view of the camera, highlighting its 10X optical zoom lens and built-in flash.

## 2. PACKAGE CONTENTS

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

- 1 x Lecnippy 5K Digital Camera (DC305X)
- 1 x Type-C USB Cable
- 1 x Camera Pouch
- 1 x Power Adapter
- 1 x 64GB Micro SD Card
- 1 x Lens/LCD Screen Cleaning Cloth
- 1 x User Manual (this document)
- 2 x Rechargeable Batteries (800mAh Lithium Ion)
- 1 x Camera Wrist Strap
- 1 x Long Lanyard
- 1 x Quick Start Guide Manual



Image 2.1: Contents of the Lecnippy DC305X camera package. This image shows the camera, USB cable, pouch, adapter, SD card, cleaning cloth, user manual, two batteries, wrist strap, and lanyard laid out.

## 3. SETUP

### 3.1. Battery Installation and Charging

1. **Open the Battery Cover:** Locate the battery compartment on the bottom of the camera and slide the cover to open it.
2. **Insert Battery:** Insert a fully charged 800mAh Lithium Ion battery into the compartment, ensuring the correct orientation as indicated inside the compartment.
3. **Close the Battery Cover:** Close the battery cover securely until it clicks into place.
4. **Charging:** Connect the camera to the power adapter using the provided Type-C USB cable to charge the battery. The indicator light will show charging status.

### 3.2. Micro SD Card Installation

1. **Locate SD Card Slot:** The Micro SD card slot is typically located near the battery compartment or on

the side of the camera.

2. **Insert SD Card:** Gently insert the 64GB Micro SD card into the slot with the gold contacts facing the correct direction until it clicks into place. Do not force the card.
3. **Formatting (Recommended):** For first-time use or after transferring files, it is recommended to format the SD card via the camera's menu system to ensure compatibility and optimal performance. Refer to Section 4.1 for menu navigation.



Image 3.1: Installation guide for battery and SD card. This image illustrates opening the battery cover, inserting the battery, inserting the memory card, and closing the battery cover.

## 4. OPERATING INSTRUCTIONS

### 4.1. Camera Controls and Interface

Familiarize yourself with the camera's buttons and touch screen interface for efficient operation.

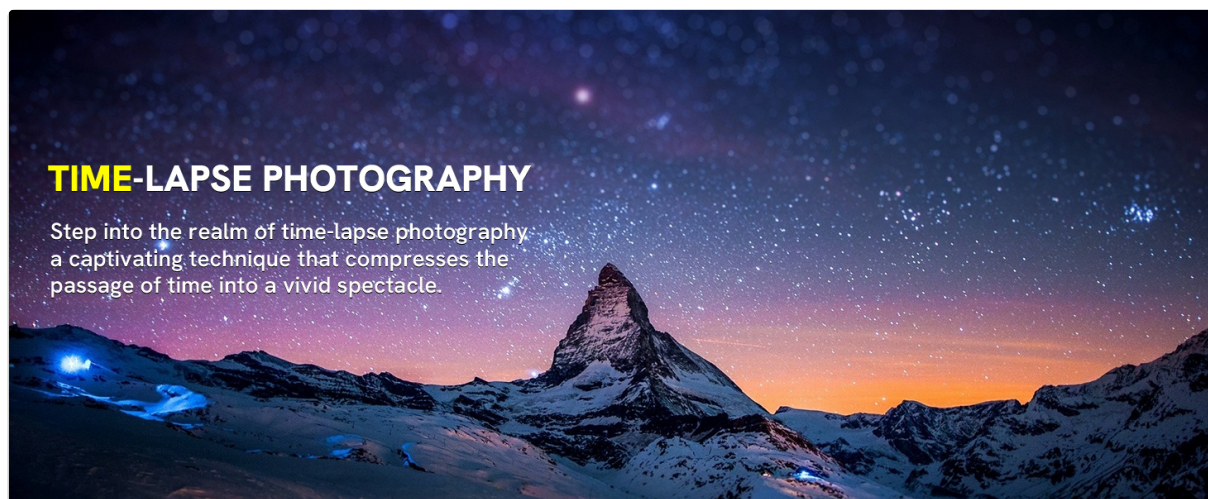


Image 4.1: Diagram of the camera's operational interface, highlighting buttons and screen indicators such as Power, Shutter, Focusing Knob, Selfie Lens, Mode, OK Button, Fill Light, Playback, and Menu.

- **Power Button:** Press to turn the camera on or off.
- **Shutter Button:** Lightly press to autofocus, press fully to capture a photo.
- **Mode Button:** Cycles through different shooting modes (e.g., Photo, Video, Playback).
- **OK Button:** Confirms selections in menus.
- **Navigation Buttons:** Used to navigate menus and settings.
- **Menu Button:** Accesses the camera's main settings menu.

- **Touch Screen:** The 2.8-inch IPS HD touch screen allows for intuitive navigation and setting adjustments.

## 4.2. Dual Lens Functionality (Front and Rear Cameras)

The DC305X features a dual-camera design for versatile shooting:

- **Front Camera (16MP):** Ideal for capturing landscapes and group photos.
- **Rear Camera (12MP):** Optimized for selfies and vlogging.

Switch between front and rear cameras via the camera's menu or a dedicated button/icon on the touch screen, if available.



Image 4.2: Illustration of the camera's dual front and rear cameras, showing their respective uses for scenic shots and selfies.

### 4.3. Capturing Photos (56MP) and Autofocus

The camera supports up to 56 million interpolated pixels for high-definition images. The autofocus feature ensures clear and vivid details.

1. **Power On:** Turn on the camera.
2. **Frame Your Shot:** Use the LCD screen to compose your image.
3. **Autofocus:** Lightly press the shutter button halfway down. The camera will automatically focus on the subject. A green frame typically indicates successful focus.
4. **Capture Photo:** Press the shutter button fully down to take the picture.



Image 4.3: Demonstration of the camera's autofocus function, showing how a half-press of the shutter button achieves focus.

### 4.4. 5K Video Recording

Record high-resolution videos at 5K (5120x2880) at 30 frames per second.

1. **Select Video Mode:** Press the Mode button until the camera is in video recording mode.
2. **Start Recording:** Press the Shutter button to begin recording. A red "REC" indicator will typically appear on the screen.
3. **Stop Recording:** Press the Shutter button again to stop recording.

# 5K HD VIDEO RECORDING

Using **SONY IMX206 16MP** photosensitive chip, it is easy to record vlog and record your beautiful life

5K  
Video



5120\*2880K  
30FPS



Image 4.4: Visual representation of the camera's 5K video recording capability, showing a scenic mountain landscape being captured.

## 4.5. 10X Optical Zoom

The camera features a 10X optical zoom retractable lens for clear magnification without loss of image quality.

- **Zoom In/Out:** Use the zoom lever or dedicated buttons (if available) to adjust the optical zoom. The lens will extend or retract accordingly.
- **Lens Protection:** The retractable lens includes an automatic protection cover to prevent scratches when not in use.

# NEWEST UPGRADE 10X OPTICAL ZOOM



**f=4.5-45 mm 10X Optical Zoom**

**Lecnippy Optical Zoom**

**Other Digital Zoom**



**Optical zoom** is achieved by adjusting the lens focal length to magnify or reduce the size of objects, effectively maintaining image clarity.

Image 4.5: Comparison demonstrating the clarity of 10X optical zoom versus digital zoom, showing a lighthouse in the distance.

## 4.6. 6-Axis Anti-Shake

The integrated 6-axis anti-shake technology helps stabilize images and videos, reducing blur caused by camera movement.

- **Activation:** This feature is typically active by default. Check the camera's menu for options to enable or disable image stabilization if needed.

## 6-AXIS ANTI SHAKING & HIGHLIGHT LED FLASH

Supports electronic anti shaking, with built-in 6-axis gyroscope



Automatic



Off



Forced



Always on



Image 4.6: Visual demonstration of the 6-axis anti-shake feature, showing a clear image of a skier compared to a blurred one without stabilization. Also illustrates flash modes.

### 4.7. Built-in Flash Modes

The camera features a built-in smart flash with multiple modes for various lighting conditions:

- **Off:** Flash is disabled.
- **Always On (Fill Light):** Flash remains on to provide continuous illumination.
- **Automatic:** Camera automatically determines if flash is needed based on ambient light.
- **Forced:** Flash fires regardless of lighting conditions.

Adjust flash settings via the camera's menu or a dedicated flash button/icon.

### 4.8. Touch Screen Operation

The 2.8-inch IPS high-definition touch screen simplifies menu navigation and settings adjustments.

- **Tap:** Select menu items or options.
- **Swipe:** Navigate through photos in playback mode.
- **Touch Focus:** Tap on the screen to set the focus point in photo or video mode.



Image 4.7: A hand interacting with the camera's touch screen, demonstrating ease of operation and menu navigation.

## 4.9. Special Shooting Functions

Explore various creative shooting modes:

- **Time-Lapse Shooting:** Captures a series of images over an extended period and combines them into a sped-up video.
- **Slow Motion Photography:** Records video at a higher frame rate to create a slow-motion effect

during playback.

- **Continuous Photo Shooting (Burst Mode):** Captures multiple photos in quick succession by holding down the shutter button.
- **Self-Timer:** Delays the shutter release by a set amount of time (e.g., 2, 5, or 10 seconds), useful for self-portraits or group shots.

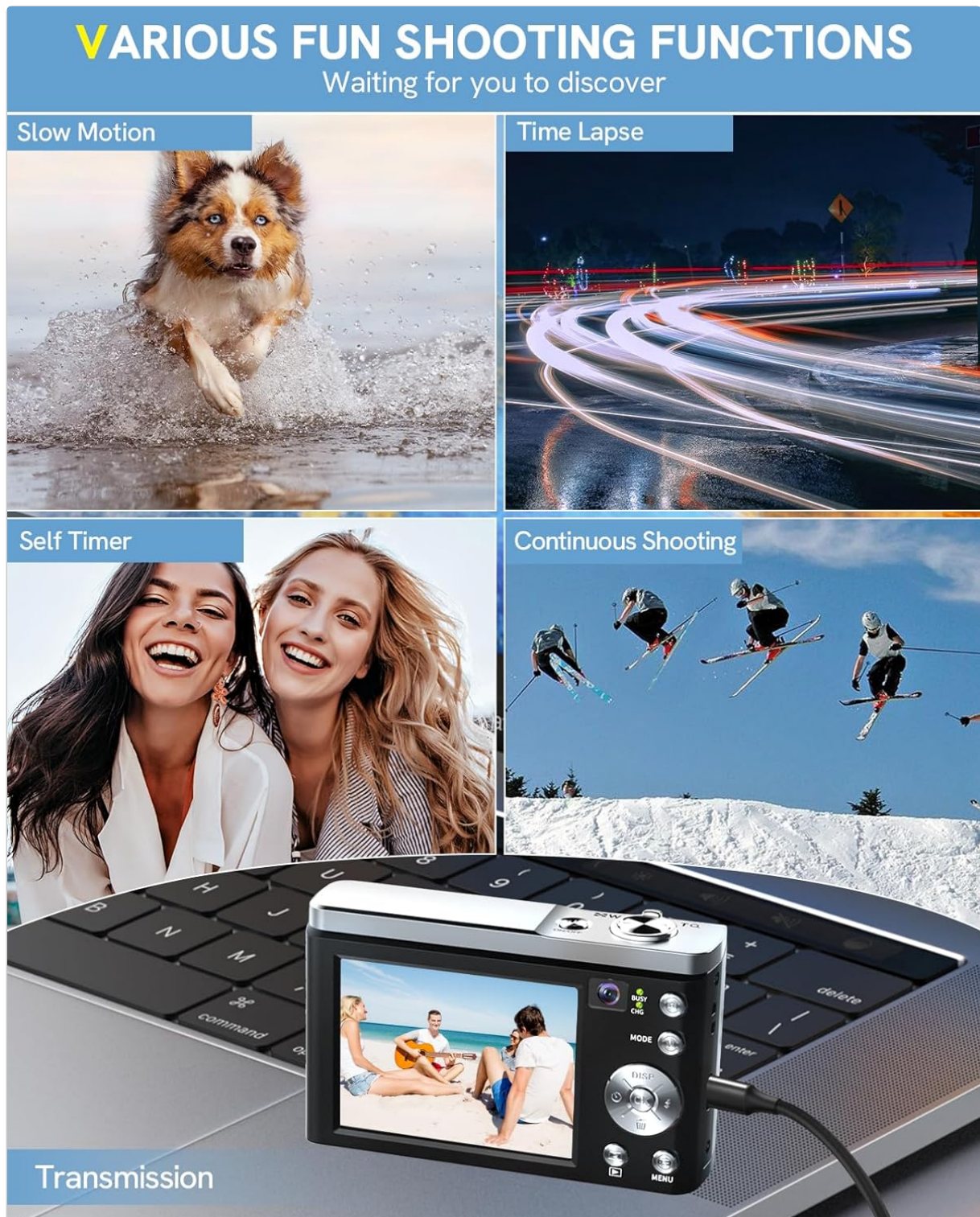


Image 4.8: Examples of various shooting functions including Slow Motion, Time Lapse, Self Timer, and Continuous Shooting.

#### 4.10. Webcam Functionality and Data Transfer

The camera can be used as a webcam and for easy file transfer to a computer.

- **Webcam Mode:** Connect the camera to a computer using the USB-C cable. Select "PC Camera"

from the options displayed on the camera's screen. The camera will then function as a webcam for video calls or streaming.

- **Data Transfer (MSDC Mode):** Connect the camera to a computer using the USB-C cable. Select "MSDC" (Mass Storage Device Class) from the options. The camera's memory card will appear as a removable drive on your computer, allowing you to transfer photos and videos.

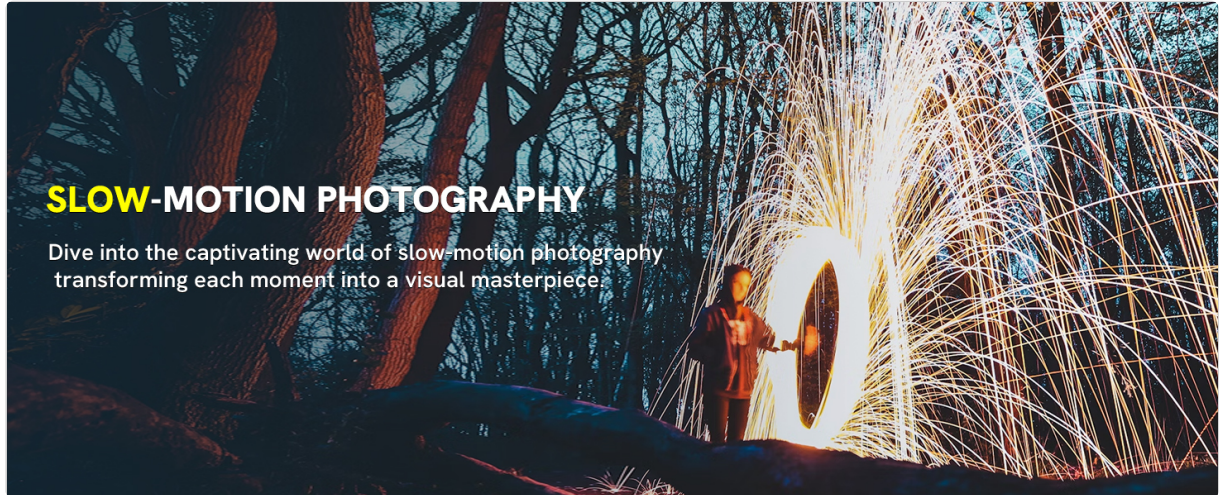


Image 4.9: Illustration of the camera connected to a laptop, demonstrating its use as a webcam and for phone transmission (data transfer).

## 5. SPECIFICATIONS

Below are the technical specifications for the Lecnippy 5K Digital Camera DC305X:

Feature	Detail
Model Name	DC305X
Photo Sensor Resolution	56 MP (Interpolated)
Video Resolution	5K (5120 x 2880 pixels)
Optical Zoom	10X
Digital Zoom	2X
Image Stabilization	6-Axis Anti-Shake (Digital)
Display Type	2.8-inch IPS HD Touch Screen
Autofocus	Yes (Contrast Detection)
Flash Memory Type	Micro SD, SD (64GB included)
Battery Type	Lithium Ion (800mAh, 2 included)
Connectivity	USB-C, Wi-Fi
Special Features	Dual Lens, Webcam Function, Time-Lapse, Slow Motion, Continuous Shooting, Self-Timer
Item Weight	14.08 ounces

Feature	Detail
Color	Black

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera.

- **Cleaning the Lens and Screen:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical surfaces. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. Charge batteries fully before extended storage and periodically during storage to maintain their health.
- **Storage:** When not in use, store the camera in its pouch in a dry, dust-free environment, away from direct sunlight and extreme temperatures.
- **Water Resistance:** This camera is **not water resistant**. Avoid exposure to water or high humidity.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
<b>Camera does not power on.</b>	<ul style="list-style-type: none"> <li>◦ Battery is depleted. Charge the battery fully.</li> <li>◦ Battery is not inserted correctly. Reinsert the battery with correct orientation.</li> <li>◦ Battery is faulty. Try using the second included battery.</li> </ul>
<b>Cannot take photos/videos.</b>	<ul style="list-style-type: none"> <li>◦ SD card is full. Transfer files to a computer and delete from the card, or replace with an empty card.</li> <li>◦ SD card is not inserted correctly. Reinsert the SD card.</li> <li>◦ SD card is not formatted. Format the SD card via the camera menu.</li> <li>◦ Camera is in an incorrect mode. Ensure it is in Photo or Video mode.</li> </ul>
<b>Images are blurry.</b>	<ul style="list-style-type: none"> <li>◦ Autofocus did not engage. Lightly press the shutter button halfway to allow the camera to focus before fully pressing.</li> <li>◦ Camera shake. Ensure 6-axis anti-shake is enabled (if applicable) or use a tripod.</li> <li>◦ Lens is dirty. Clean the lens with a soft cloth.</li> </ul>
<b>Camera settings change unexpectedly.</b>	<ul style="list-style-type: none"> <li>◦ Accidental touch on the screen or buttons. Be mindful of how the camera is handled or carried.</li> <li>◦ Consider performing a factory reset via the camera's menu to restore default settings.</li> </ul>

Problem	Possible Cause / Solution
<p><b>Cannot connect to computer for data transfer.</b></p>	<ul style="list-style-type: none"> <li>◦ Ensure the USB-C cable is securely connected to both the camera and the computer.</li> <li>◦ On the camera screen, select "MSDC" mode for data transfer.</li> <li>◦ Try a different USB port on your computer.</li> </ul>

## 8. WARRANTY AND SUPPORT

Your Lecnippy DC305X camera comes with a **Limited Warranty**. For specific details regarding warranty coverage and duration, please refer to the warranty card included in your package or contact Lecnippy customer service.

If you have any questions, require technical assistance, or need to report an issue, please contact our customer service team. Contact information can typically be found on the manufacturer's website or in the Quick Start Guide.



Image 8.1: Lecnippy customer service representative and product certifications. These images represent the availability of support and product quality assurance.