KOMERY X10-2023

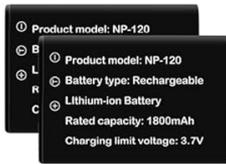# KOMERY 4K Digital Camera User Manual

MODEL: X10-2023

1. Introduction

This manual provides detailed instructions for the safe and effective operation of your KOMERY 4K Digital Camera, model X10-2023. Please read this manual thoroughly before using the camera and retain it for future reference. Understanding the features and functions will help you capture high-quality photos and videos.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x KOMERY 4K Digital Camera
- 1 x User Manual
- 2 x NP-120 Lithium-Ion Batteries
- 1 x 64GB TF Card (Micro SD Card)
- 1 x Lanyard
- 1 x Type-C USB Cable
- 1 x Cleaning Cloth
- 1 x Wrist Strap

Image: Contents of the KOMERY 4K Digital Camera package, showing the camera, two batteries, a 64GB Micro SD card, a cleaning cloth, a Type-C cable, a wrist strap, and the user manual.

3. Camera Overview

Familiarize yourself with the various parts of your camera.

Specifications	
Image Sencor	13 million pixels, up to 48 million pixels(interpolation)
ISO	Auto/ISO100/ISO200/ISO400
Storage Medium	TF Card, maximum support 128GB
Lens	AF Lens, F/2.2 f=2.0mm
Range of Focus	10cm to infinity
Screen Size	3.0-inch HD Screen
Zoom	18x Digital Zoom
Still Photos	2MHD/5M/7MHD/8M/12M/16M/18M/20M/24M/30M/48M
Video Clip	HD/FHD/2.7K/4K
LED Fill Light	< 1.5M
Power Supply	NP-120 Lithium Battery
Size	122(Length)x60(Width)x80(Height)mm
Anti-shake	Support

Portable: 0.67LBS

Image: Detailed diagram illustrating the various components of the KOMERY 4K Digital Camera, including the TFT display, microphone, keys, power indicator, lens, hot shoe, power key, photo key, filter turntable, TF card slot, screw hole for tripod, battery cover, microphone interface, and USB interface.

1. **TFT Display:** Screen for viewing images, videos, and menu.
2. **Microphone:** Records audio during video capture.
3. **Left Key:** Navigation button.
4. **Right/Disp Key:** Navigation and display mode button.
5. **Power Indicator:** Shows camera power status.
6. **Front/Delete Key:** Front button for various functions, also for deleting files.
7. **Back/WiFi Key:** Back button, also activates WiFi function.
8. **Playback/Mode Key:** Switches between playback and shooting modes.
9. **OK/Menu Key:** Confirms selections and accesses the menu.
10. **T/W Key:** Telephoto/Wide-angle zoom control.
11. **Flashlight:** Built-in flash for low-light conditions.
12. **Lens:** Optical component for capturing images.
13. **TF Card Slot:** Insert Micro SD card here.
14. **Screw Hole for Tripod:** Standard 1/4 inch thread for tripod mounting.
15. **Battery Cover:** Access to the battery compartment.
16. **Hot Shoe Interface:** For attaching external accessories like flashes or microphones.
17. **Power Key:** Turns the camera on or off.
18. **Photo Key:** Shutter button to take photos.
19. **Filter Turntable:** Dial for selecting different photo filters.
20. **Microphone Interface:** For connecting an external microphone.
21. **USB Interface:** Type-C port for charging, data transfer, and webcam function.

4. Setup

4.1. Battery Installation and Charging

1. Open the battery cover located at the bottom of the camera.
2. Insert the NP-120 Lithium-Ion battery into the compartment, ensuring correct polarity.
3. Close the battery cover securely.
4. To charge, connect the camera to a power source using the provided Type-C USB cable. The power

indicator will show charging status.

4.2. Memory Card Insertion

The camera supports TF (Micro SD) cards up to 128GB. A 64GB TF card is included.

1. Locate the TF card slot on the side of the camera.
2. Insert the TF card with the metal contacts facing the front of the camera until it clicks into place.
3. To remove, gently press the card until it springs out.

4.3. Initial Power On and Settings

1. Press and hold the **Power Key** to turn on the camera.
2. Upon first use, you may be prompted to set the language, date, and time. Use the navigation keys and **OK**/**Menu Key** to adjust these settings.

5. Operating the Camera

5.1. Taking Photos

1. Turn on the camera. Ensure it is in photo mode (check the display or press the **Playback**/**Mode Key** to switch).
2. Frame your shot using the TFT display.
3. Lightly press the **Photo Key** (shutter button) halfway down to activate autofocus. A green frame will appear when focus is achieved.
4. Press the **Photo Key** fully down to capture the image.

UHD 4K 48MP & Auto Focus

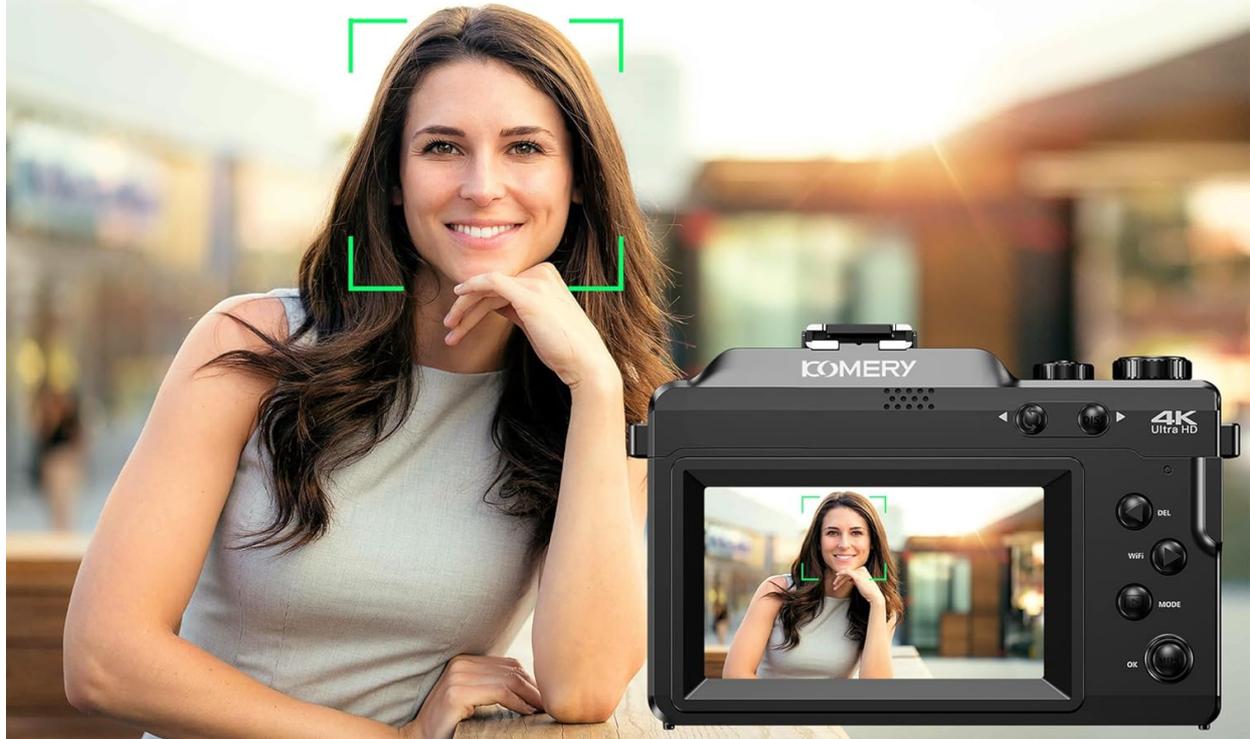Lightly press the shutter autofocus,press the shutter again to take photo

Image: The camera's 4K 48MP capability and autofocus function are demonstrated. A green focus box highlights the subject, resulting in a sharp image, contrasted with a blurry image taken without proper focus.

8 Kinds of Scenes

Scenery | Portrait | Night Scenery | Night Portrait | High Sensitivity | Sport | Beach | Party

7 Levels of Exposure Compentation

-3 | -2 | -1 | 0 | +1 | +2 | +3

Image: An example of the camera's autofocus capability, showing a sharp image of a butterfly on a flower with a green focus box, compared to a blurred image without autofocus.

5.2. Zoom Function

Use the **T/W Key** to adjust the 18X digital zoom.

- Press 'T' to zoom in (telephoto).
- Press 'W' to zoom out (wide-angle).

Image: This image illustrates the 18X digital zoom feature, showing a mountain landscape at 8X, 12X, and 18X magnification levels. An optional wide-angle lens (not included) can extend the viewing angle to 140 degrees.

5.3. Using Filters

The camera offers 8 different photo filters to enhance your images.

1. Rotate the **Filter Turntable** to select a desired filter (e.g., Standard, Nostalgic, Monochrome, Vivid, Negative, Dog Eye, Binary, Lomo).
2. The selected filter will be applied to your photos.

Image: A visual representation of the 8 built-in photo filters: Standard, Nostalgic, Monochrome, Vivid, Negative, Dog Eye, Binary, and Lomo. The image shows how each filter alters the appearance of a photograph.

5.4. Video Recording

The camera supports 4K video recording with anti-shake and pause functions.

1. Switch the camera to video mode using the **Playback/Mode Key**.
2. Press the **Photo Key** to start recording. A recording indicator will appear on the screen.
3. Press the **Photo Key** again to stop recording.
4. During recording, you can use the pause function (refer to on-screen prompts or manual for specific button).

5.5. Playback and Deletion

1. Press the **Playback/Mode Key** to enter playback mode.
2. Use the navigation keys (Left/Right) to browse through your photos and videos.
3. To delete a file, select it and press the **Front/Delete Key**. Confirm deletion when prompted.

6. Advanced Features

6.1. Continuous Shooting

Capture a rapid sequence of images by holding down the shutter button. This feature is useful for capturing fast-moving subjects.

6.2. Anti-Shake Function

The camera features digital image stabilization to reduce blur caused by camera movement, especially useful in handheld shooting or low light.

6.3. Face Capture

This function automatically detects and focuses on faces within the frame, optimizing exposure for portraits.

6.4. Time-Lapse Recording

Record events over a long period and play them back in a sped-up video. Configure interval settings in the camera menu.

6.5. Slow-Motion Recording

Capture video at a higher frame rate to create slow-motion effects during playback, ideal for analyzing movement.

Image: This graphic demonstrates several advanced camera features: Slow Motion Recording (a person jumping), Continuous Shooting (a person on a bike), Anti-Shake (comparison of blurred vs. clear image), and Time-Lapse Recording (city lights at night).

6.6. Exposure Compensation and Scene Modes

Adjust exposure levels from -3 to +3 to brighten or darken your images. The camera also offers various scene modes (e.g., Scenery, Portrait, Night Scenery, Night Portrait, High Sensitivity, Sport, Beach, Party) to optimize settings for different shooting conditions.

Image: This graphic displays 8 different scene modes (Scenery, Portrait, Night Scenery, Night Portrait, High Sensitivity, Sport, Beach, Party) and 7 levels of exposure compensation, ranging from -3 to +3, showing how they affect image brightness.

7. Connectivity

7.1. USB Connection (PC Camera & Data Transfer)

Connect the camera to a computer using the Type-C USB cable. The camera can function as a webcam for video calls or live streaming, or for fast transfer of photos and videos to your computer.

7.2. WiFi Function

Transfer photos and videos wirelessly to your smartphone. Activate the WiFi function on the camera (using the **Back/WiFi Key**) and follow the instructions to connect to your mobile device via a dedicated app (if applicable, check camera display for app name or QR code).

7.3. HDMI Output

Connect the camera to a TV or monitor using an HDMI cable (not included) to view your photos and videos on a larger screen.

Image: This graphic illustrates the camera's connectivity options: fast photo transfer to a laptop via USB, HD output to a television, and wireless transmission to a smartphone.

8. Maintenance

8.1. Cleaning the Camera

- Use the provided cleaning cloth to gently wipe the lens and TFT display. Avoid using abrasive materials or harsh chemicals.
- For stubborn smudges, use a lens cleaning solution specifically designed for optical surfaces.
- Keep the camera body clean and free of dust.

8.2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging batteries frequently to prolong their lifespan.
- Do not expose batteries to extreme temperatures.

8.3. Storage

When not in use for extended periods, remove the battery and store the camera in a dry, dust-free environment, preferably in a camera bag or case.

9. Troubleshooting

Problem	Possible Cause	Solution
Camera does not turn on.	Battery is depleted or incorrectly inserted.	Charge the battery or reinsert it correctly. Ensure the battery cover is closed.
Images are blurry.	Autofocus not engaged, camera shake, or dirty lens.	Press the shutter button halfway to focus. Use anti-shake function. Clean the lens.
Memory card error.	Card incorrectly inserted, incompatible, or corrupted.	Reinsert the card. Try a different compatible TF card. Format the card (this will erase all data).
Cannot connect to WiFi.	WiFi function not activated, incorrect app, or connection issues.	Ensure WiFi is enabled on camera and phone. Check app instructions for connection steps.
Flash not firing.	Flash mode set to off or battery low.	Check flash settings in the menu. Charge the battery.

10. Specifications

Image: A detailed table outlining the technical specifications of the KOMERY 4K Digital Camera, including image sensor, ISO, storage medium, lens, focus range, screen size, zoom, still photo resolutions, video clip resolutions, LED fill light range, power supply, size, and anti-shake support.

Feature	Detail
Image Sensor	13 million pixels, up to 48 million pixels (interpolation)
ISO	Auto/ISO100/ISO200/ISO400
Storage Medium	TF Card, maximum support 128GB
Lens	AF Lens, F/2.2 f=2.0mm
Range of Focus	10cm to infinity
Screen Size	3.0-inch HD Screen
Zoom	18x Digital Zoom

Feature	Detail
Still Photos	2M/5M/7MHD/8M/12M/16M/18M/20M/24M/30M/48M
Video Clip	HD/FHD/2.7K/4K
LED Fill Light	< 1.5M
Power Supply	NP-120 Lithium Battery
Dimensions (LWH)	122 x 60 x 80 mm (approx. 4.8 x 2.4 x 3.1 inches)
Weight	0.67 lbs (approx. 10.7 oz)
Image Stabilization	Digital
Supported File Format	MP4
Manufacturer	KOMERY
Model Name	X10

11. Warranty and Support

KOMERY products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your package or visit the official KOMERY website. If you encounter any issues or require technical assistance, please contact KOMERY customer support. Details are typically available on the manufacturer's website or through the retailer where the product was purchased.

For attentive service and immediate response, KOMERY offers solutions within 24 hours for any issues you may have.