

GinoCaco inskam372

GinoCaco Portable Digital Microscope inskam372 User Manual

Model: inskam372

1. INTRODUCTION

Thank you for choosing the GinoCaco Portable Digital Microscope. This device is designed to provide an engaging way for users, especially children, to explore the microscopic world. Featuring a 2-inch high-definition screen, adjustable LED lighting, and photo storage capabilities, it offers a clear and interactive learning experience. Please read this manual carefully to ensure proper use and maintenance of your microscope.

2. PACKAGE CONTENTS

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

- GinoCaco Portable Digital Microscope (inskam372)
- USB Charging Cable
- Lanyard
- User Manual (this document)



Figure 2.1: Package Contents. The image displays the microscope, USB cable, lanyard, and user manual.

3. PRODUCT OVERVIEW

The GinoCaco Portable Digital Microscope is designed for ease of use and portability. Familiarize yourself with its main components:

- **2-inch IPS Screen:** For clear viewing of magnified images.
- **High-Resolution Lens:** Provides up to 1000x magnification with 2 million pixels for detailed observation.
- **Adjustable LED Lights:** Illuminates specimens for optimal viewing in various lighting conditions.
- **Control Buttons:** For power, zoom, photo/video capture, and menu navigation.
- **USB Port:** For charging and PC connection.
- **Lanyard Attachment Point:** For easy carrying.



Figure 3.1: GinoCaco Portable Digital Microscope. The image shows the overall design of the microscope.

High-Resolution Lens, Precise Observation and Imaging

1000x
Magnification

2 MP
Lens pixels



Figure 3.2: High-Resolution Lens and LED Lighting. This image details the lens and illumination system.

4. SETUP

4.1 Charging the Device

Before first use, fully charge the microscope. Connect the provided USB charging cable to the microscope's USB port and the other end to a standard USB power adapter (not included) or a computer's USB port. The charging indicator will show the charging status and turn off when fully charged.

4.2 Attaching the Lanyard

For convenient carrying and to prevent accidental drops, attach the included lanyard to the designated attachment point on the microscope. This makes it easy to carry the device outdoors for exploration.

5. OPERATION

5.1 Powering On/Off

- To power on, press and hold the Power button until the screen illuminates.
- To power off, press and hold the Power button again until the screen turns off.

5.2 Adjusting LED Lighting

The microscope features adjustable LED lights to ensure optimal illumination of your specimen. Locate the LED control button (often marked with a light bulb icon) and press it to cycle through different brightness levels or to turn the lights on/off.

5.3 Focusing and Magnification

To achieve a clear image:

1. Place the microscope's lens directly onto or very close to the object you wish to observe.
2. Use the focus wheel (if present, or adjust the distance slightly) to bring the image into sharp focus on the screen.
3. Use the zoom buttons (often marked with '+' and '-') to adjust the magnification level. The microscope supports up to 1000x magnification.



Figure 5.1: Outdoor Exploration with the Microscope. This image shows a child actively using the microscope to observe nature.

5.4 Taking Photos and Recording Videos

The microscope can capture still images and record videos directly to its internal storage (up to 400 photos).

- **To take a photo:** Press the Photo/Capture button (often marked with a camera icon).

- **To record a video:** Press the Video button (often marked with a video camera icon) to start recording. Press it again to stop.

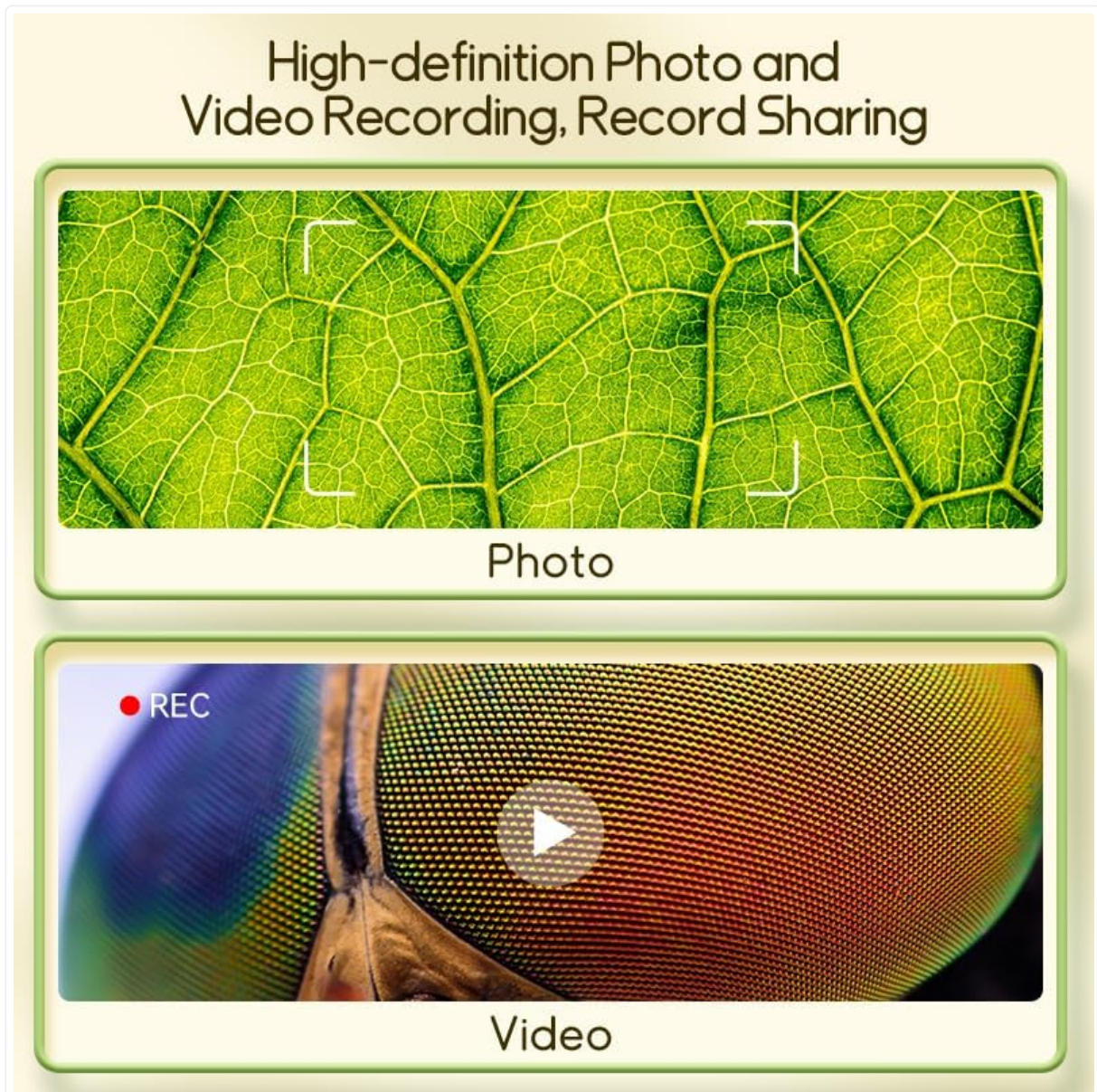


Figure 5.2: Photo and Video Recording. This image illustrates the quality of captured images and videos.

5.5 Connecting to a Computer

You can connect the microscope to a computer (Windows or macOS) to view images in real-time or transfer captured photos and videos.

1. Connect the microscope to your computer using the provided USB cable.
2. The microscope should be recognized as a removable storage device or a webcam, depending on the mode.
3. Follow your computer's prompts to access files or use compatible software for real-time viewing.



Figure 5.3: PC Connection. The image shows the microscope connected to a computer.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microscope's body. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- **Storage:** Store the microscope in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge it regularly, even if not in use for extended periods.
- **Avoid Impact:** Handle the microscope with care to prevent damage from drops or impacts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Microscope does not turn on.	Low battery or power button not pressed correctly.	Charge the microscope fully. Ensure the power button is pressed and held for a few seconds.
Image is blurry or out of focus.	Incorrect focus or distance from object.	Adjust the focus wheel. Ensure the lens is placed directly on or very close to the object.

Problem	Possible Cause	Solution
LED lights are not working.	LED lights are turned off or battery is low.	Press the LED control button to turn them on or adjust brightness. Charge the device.
Cannot take photos/videos.	Internal storage is full.	Connect to a PC and transfer/delete old files to free up space.
Cannot connect to PC.	Faulty USB cable or incorrect connection mode.	Try a different USB port or cable. Ensure the microscope is powered on when connecting.

8. SPECIFICATIONS

Feature	Detail
Model Name	inskam372
Light Source Type	LED
Material	Plastic
Magnification Maximum	200x (Note: Product description mentions 1000x, but specifications list 200x. Please refer to product packaging for exact magnification.)
Item Weight	0.26 Kilograms
Screen Size	2-inch IPS
Internal Storage	Up to 400 photos (without TF card)
PC Compatibility	Windows vista/XP/7/8/10/11, MacOS X11.0 or higher

9. WARRANTY

This GinoCaco Portable Digital Microscope (inskam372) 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 modifications, or improper maintenance. Please retain your proof of purchase for warranty claims.

10. SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your GinoCaco Portable Digital Microscope, please contact our customer support team. Refer to the contact information provided on the product packaging or the retailer's website where you purchased the product.