

USCAMEL YQMY-RA3-360-11

Portable Digital Pocket Microscope

INSTRUCTION MANUAL

1. Welcome

Thank you for purchasing the USCAMEL Portable Digital Pocket Microscope. This device is designed to provide an engaging and educational experience for exploring the microscopic world. Please read this manual carefully before using the microscope to ensure proper operation and maintenance.

2. Product Overview

2.1 What's in the Box

- DIGITAL MICROSCOPE

2.2 Key Features

- **Explore the Microscopic World:** Discover tiny details with ease, suitable for both kids and adults.
- **Versatile for All Ages:** From handheld models for young children to advanced digital microscopes for precise viewing.
- **Portable and Practical:** Compact design for on-the-go exploration, featuring LED lights for clear viewing.
- **Specialized Tools:** Ideal for inspecting coins, jewelry, and other fine details.
- **Educational and Fun:** STEM-focused design to inspire curiosity and hands-on learning.

2.3 Product Components



Figure 1: Front view of the microscope, showing the display screen and control panel.




Figure 2: Side view of the microscope, illustrating its handheld form factor.

3. Setup

3.1 Unpacking

1. Carefully remove all components from the packaging.
2. Check for any damage during transit. If damaged, contact customer support immediately.
3. Verify that all items listed in the 'What's in the Box' section are present.

3.2 Powering On/Off


- To power on: Press and hold the power button (usually marked with a  symbol) for 3 seconds until the screen illuminates.
- To power off: Press and hold the power button again for 3 seconds until the screen turns off.

3.3 Initial Configuration (if applicable)

Upon first use, you may be prompted to set the language, date, and time. Follow the on-screen instructions using the navigation buttons (Up, Down, OK) to complete these settings.

4. Operating Instructions

4.1 Basic Operation

1. Place the object you wish to observe directly under the microscope lens.
2. Ensure adequate lighting. The built-in LED light can be adjusted for brightness using the designated button (often marked with a light bulb icon ).



4.2 Magnification Adjustment

The microscope offers up to 1000X magnification. Adjust the magnification by rotating the focus wheel or using the zoom buttons (if present) until the desired level of detail is achieved.

4.3 Focusing

To achieve a clear image, slowly rotate the focus wheel (typically located on the side of the lens barrel) until the object appears sharp on the screen.

4.4 Capturing Images/Videos (if applicable)

- To take a photo: Press the 'OK' or 'Capture' button (often marked with a camera icon .
- To record a video: Press the 'Mode' button (often marked with an 'M' or 'Mode' icon ) to switch to video mode, then press 'OK' or 'Capture' to start/stop recording.
- Ensure a microSD card is inserted for saving media.

5. Maintenance

5.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and body of the microscope.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials or harsh chemicals.
- Do not immerse the device in water.

5.2 Storage

Store the microscope in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case when not in use to prevent dust accumulation and damage.

5.3 Battery Care (if applicable)

- Charge the battery fully before first use.

- Recharge the battery when the low battery indicator appears.
- If storing for extended periods, charge the battery to approximately 50% every 3-6 months to prolong its lifespan.

6. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power button not pressed long enough.	Charge the device; Press and hold the power button for 3 seconds.
Image is blurry.	Out of focus; Insufficient lighting; Object too far/close.	Adjust the focus wheel; Turn on/adjust LED light; Reposition the object.
Screen is blank or frozen.	System error; Low battery.	Recharge the device; Perform a soft reset (power off and on).
Cannot save images/videos.	No microSD card inserted; microSD card full or corrupted.	Insert a compatible microSD card; Delete old files or format the card (backup data first).

7. Specifications

Feature	Detail
Model Name	YQMY-RA3-360-11
Brand	USCAMEL
Magnification Maximum	1000X
Light Source Type	LED
Real Angle of View	90 degrees
Manufacturer	USCAMLE
Country of Origin	China
Date First Available	January 7, 2025

8. Warranty and Support

This product is subject to a standard 30-day return policy for refund or replacement from the date of purchase. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer.

For technical support or inquiries, please visit the official USCAMEL website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

USCAMEL Store Link: <https://www.amazon.com/stores/USCAMEL/page/460753AB-826D-4DBA-8856-1D8A27DCBE76>

