

BEBANG PM1000

BEBANG 1000X Handheld Digital Microscope (Model PM1000) User Manual

Explore the Microscopic World with Clarity and Ease

1. INTRODUCTION

Thank you for choosing the BEBANG 1000X Handheld Digital Microscope. This portable device is designed to provide an engaging way to explore the microscopic world, offering 200x-1000x magnification, a 2.0-inch 4K screen, and the ability to capture photos and videos. It is ideal for educational purposes and curious minds. This manual provides essential information for setting up, operating, and maintaining your microscope.

2. WHAT'S IN THE BOX

Carefully unpack your BEBANG 1000X Handheld Digital Microscope and ensure all items are present:

- BEBANG 1000X Handheld Digital Microscope
- EVA Case
- Color box
- Gift box
- Neckstrap
- Slides set with case (including lab-grade glass slides)
- Charging cable
- User manual
- 32G SD Card

Perfect Gift for Curious Minds



Figure 2.1: Package Contents

3. SETUP

3.1 Charging the Device

The microscope features a built-in large capacity rechargeable battery. Before first use, fully charge the device using the provided charging cable. A full charge allows for approximately 2.5 hours of continuous use.

Built-In Rechargeable Battery

2.5 Hours of Uninterrupted Exploration & **PC connectable**



Laptop



Usb adapter



Power bank



Car charger



Figure 3.1: Charging the Microscope

3.2 Inserting the SD Card

A 32GB SD card is included for storing photos and videos. Locate the SD card slot on the device and gently insert the card until it clicks into place. Ensure the card is inserted correctly to avoid damage.

3.3 Power On/Off

To turn the device on or off, press and hold the power button for 3 seconds.

4. OPERATING INSTRUCTIONS

4.1 Magnification and Focusing

The microscope offers a 200x-1000x 5-level zoom range. Use the focusing wheel for precise adjustments.

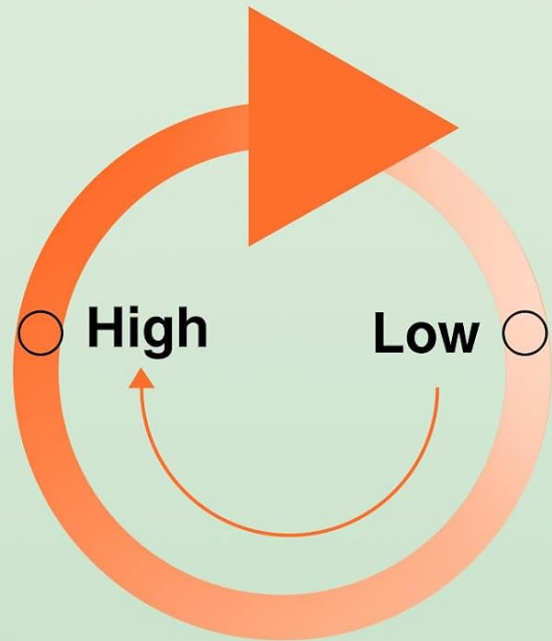
1. **Initial Focus Setting:** Rotate the focus wheel counter-clockwise to its end to ensure it is in its initial position.
2. **Low Magnification Focusing:** Slowly turn the focus wheel clockwise until the image comes into clear view at a lower

magnification.

3. **High Magnification Focusing:** Continue turning the focus wheel clockwise until the image enlarges and becomes clearer, achieving the desired high magnification view.



Figure 4.1: Magnification and Focusing



By turning the focusing wheel,
you'll first achieve a low magnification.
Keep Turning to reach a higher level.

Figure 4.2: Focusing Guide

Your browser does not support the video tag. Please update your browser to view this content.

Video 4.1: Magnification Clarification of Microscope. This video demonstrates the focusing process and magnification capabilities of the microscope.

4.2 Taking Photos and Recording Videos

The microscope allows you to capture high-resolution images (3840x2160P) and videos (1920x1080P) directly to the installed SD card.

• How to Take Photos:

- Press the Home button, select "Photo" icon, and press the Confirm button (OK) to enter photo mode.
- Press the Confirm button (OK) again to capture a photo.

• How to Record Videos:

- Press the Home button, use the Up/Down buttons to switch to "Video" icon, and press the Confirm button (OK) to enter video mode.
- Press the Confirm button (OK) to start recording, and press it (OK) again to stop recording.

- **How to View Playback:**

- a. Press the Home button, use the Up/Down buttons to switch to "Playback" mode, and press the Confirm button (OK).
- b. Use the Up/Down buttons to scroll through different photos and videos.

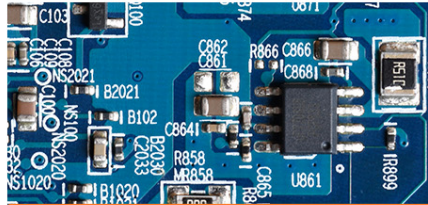


Figure 4.3: 4K Resolution HD Clarity and Capture Modes

Multiple Applicables & One Click Take Photo Videos



Coins/Cash



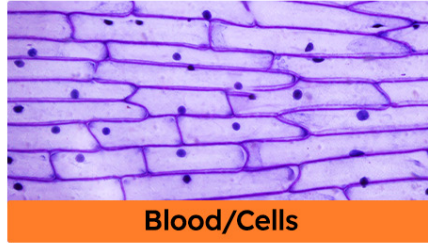
Circuit Board



Flower Bud



Insects



Blood/Cells



Textiles

Figure 4.4: Photography and Video Guide

4.3 Exploring Specimens

The microscope comes with prepared lab-grade glass slides for immediate exploration. You can also remove the cover slot to observe various everyday objects.

Dual Discovery

1

Prepared Slides

come with 5 Lab-grade
high clarity glass slides



2

Anything

remove the cover
slot to explore anything
& anytime

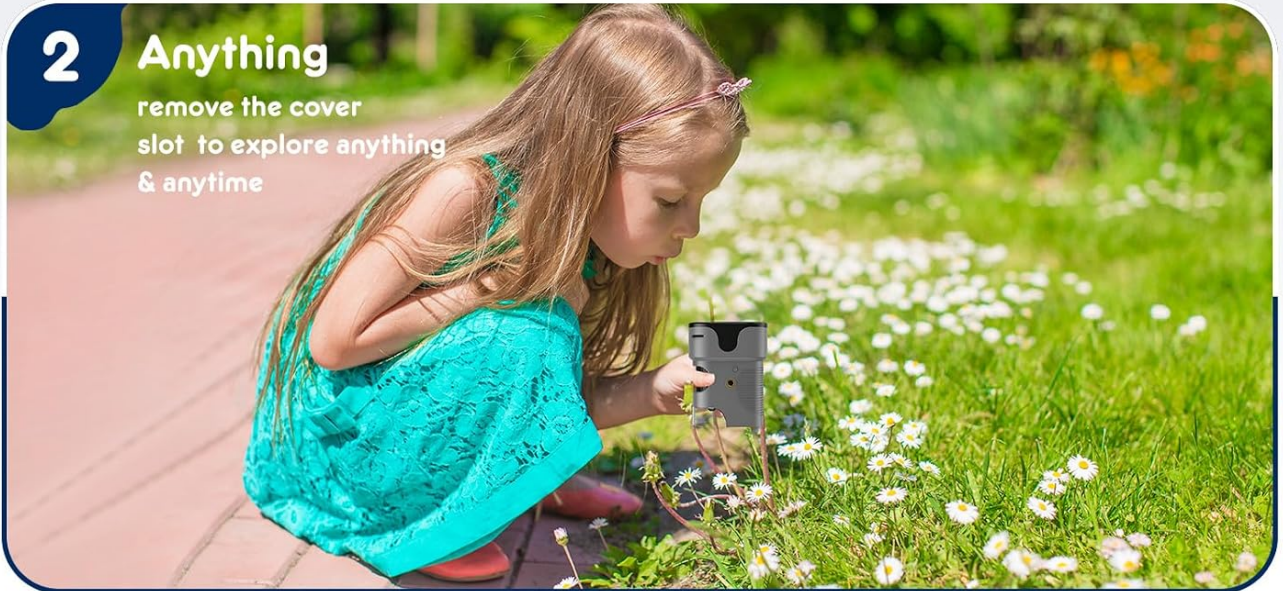


Figure 4.5: Dual Discovery - Prepared Slides and Outdoor Exploration

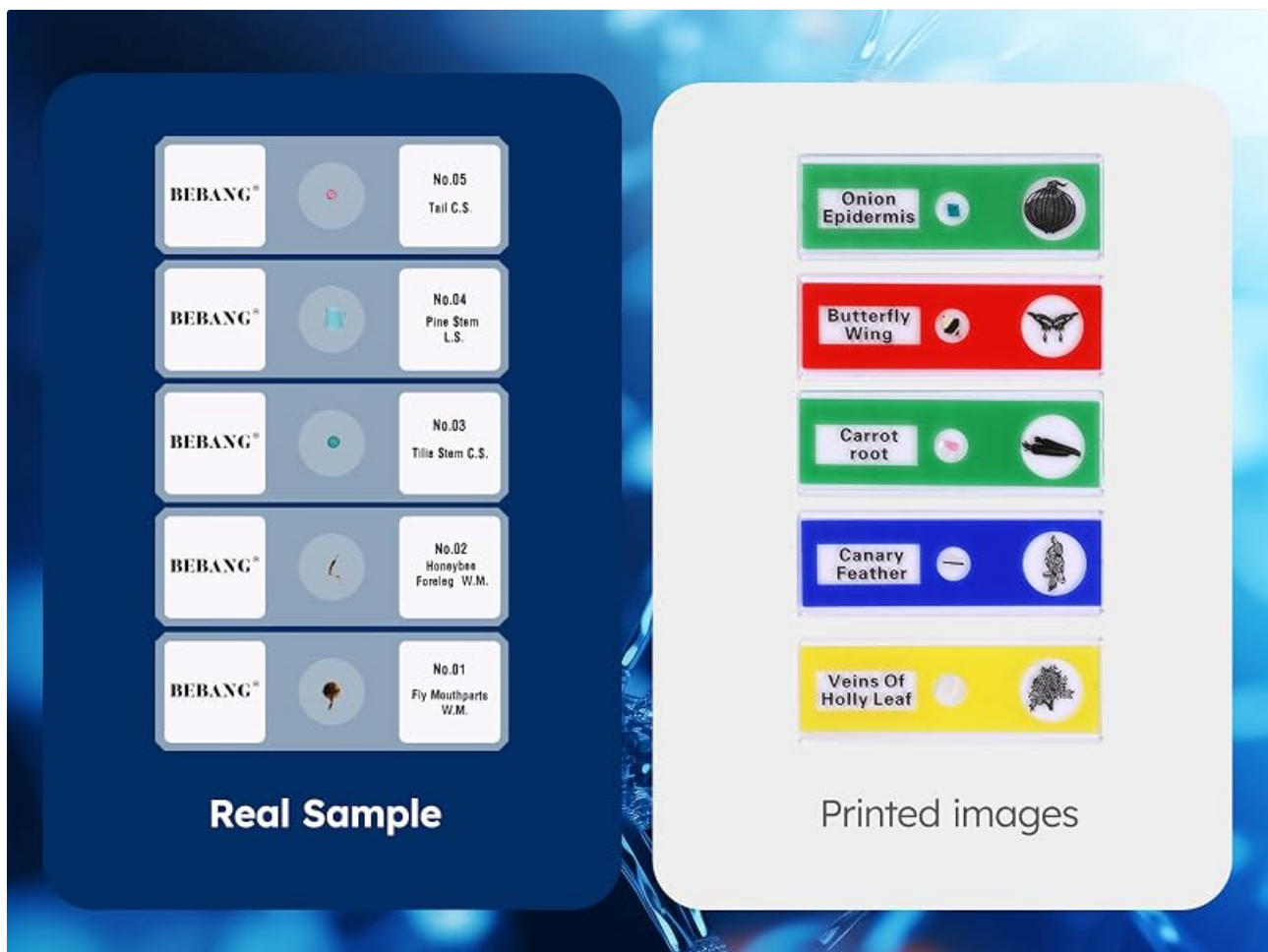


Figure 4.6: Prepared Slides (Real Samples)

The microscope is versatile and can be used to examine a wide range of items:

- Coins/Cash
- Circuit Boards
- Flower Buds
- Insects
- Blood/Cells
- Textiles

Record The Moments You Capture And Share With Families Friends

32G TF card included

1920*1080P Video Mode

3840*2160P Photo Mode

Figure 4.7: Multiple Applicable Uses

4.4 Portability

Weighing only 0.34 lbs and measuring 4x3x1.8 inches, this pocket-sized microscope is highly portable. It includes a thickened neck strap for convenient carrying during outdoor explorations.



Figure 4.8: Comfortable Wide Neck Strap

5. MAINTENANCE

5.1 Cleaning

To clean the microscope, gently wipe the exterior with a soft, dry cloth. For the lens, use a specialized lens cleaning cloth and solution. Avoid using abrasive cleaners or solvents.

5.2 Storage

When not in use, store the microscope and its accessories in the provided EVA hard case to protect them from dust, moisture, and physical damage.

All-In-One & Perfectly Organized

the custom-fit EVA case for your microscope & all accessories



Figure 5.1: All-In-One & Perfectly Organized EVA Case

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Device not charged	Charge the device fully using the provided charging cable.
Image is blurry or out of focus	Incorrect focus adjustment; Lens is dirty	Adjust the focusing wheel slowly. Clean the lens with a soft, dry cloth.
Cannot save photos/videos	SD card not inserted correctly; SD card full; SD card corrupted	Ensure SD card is properly inserted. Delete old files or replace SD card. Format SD card if corrupted (data will be lost).

Problem	Possible Cause	Solution
Screen is blank or frozen	Software glitch; Low battery	Restart the device by holding the power button. Charge the device.

7. SPECIFICATIONS

Feature	Detail
Model Number	PM1000
Magnification	200x-1000x
Screen Size	2.0 inches
Photo Resolution	3840x2160P (4K)
Video Resolution	1920x1080P
Battery Life	Approx. 2.5 hours continuous use
Storage	32G SD Card (included)
Product Dimensions	3 x 1.8 x 4 inches
Item Weight	7.1 ounces (200 Grams)
Material	Plastic
Light Source Type	LED
Battery Type	1 Lithium Ion battery required

8. WARRANTY AND SUPPORT

For product support, inquiries, or warranty information, please contact BEBANG customer service. Specific warranty details may vary and are typically provided with your purchase documentation.
Manufacturer: BEBANG

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question