

AOPICK 321-P

Aopick 50X-1600X Digital Microscope User Manual

Model: 321-P

1. INTRODUCTION

Thank you for choosing the Aopick 50X-1600X Digital Microscope. This portable device is designed to bring the microscopic world to your fingertips, offering high-resolution imaging and video capabilities. It is an ideal tool for educational exploration, hobbies, and detailed inspections. This manual provides essential information for setting up, operating, and maintaining your digital microscope.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Aopick Digital Microscope
- 1 x Adjustable Stand
- 1 x User Manual

Instructions for Use



1 Download App Sup-Anesok



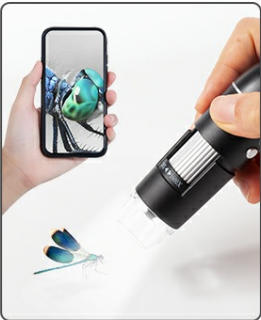
2 Remove the protective case



3 Plug into phone



4 Adjust the focus and LED lights



5 Start Observe

Image: Contents of the Aopick Digital Microscope package, including the microscope unit, adjustable stand, and user manual.

3. SPECIFICATIONS

Magnification	50X to 1600X
Camera Resolution	2.0 MP, 1440P Picture Resolution
Illumination	8 Adjustable LED Lights
Connectivity	USB (Android 6.0+ with OTG/USB-C, iOS 10.0+)
App Compatibility	Sup-Anesok (Available on App Store/Google Play)
Material	Metal, Plastic
Color	Black
Item Weight	4.2 ounces (118 Grams)
Power Source	Powered by connected device (no internal battery)

4. SETUP GUIDE

Follow these steps for initial setup and connection:

- 1. Download the App:** Search for "Sup-Anesok" in your device's App Store (iOS) or Google Play Store (Android) and install it.
- 2. Prepare the Microscope:** Remove the protective cap from the microscope lens.
- 3. Connect to Device:** Plug the microscope's USB connector into your smartphone or tablet. Ensure your Android device supports OTG function and has a USB-C port, or use the appropriate adapter for iOS devices. The microscope draws power directly from your device.
- 4. Launch the App:** Open the "Sup-Anesok" app. The live view from the microscope should appear on your screen.
- 5. Attach to Stand (Optional):** For stable viewing, attach the microscope to the adjustable stand. The stand allows for flexible positioning and hands-free operation.



Image: Visual guide illustrating the five steps for setting up the Aopick Digital Microscope, from app download to observation.

Compatible with Android/iPhone

Tips: For Android phones, must have OTG function and USB-C adapter



Android
(USB-C , 6.0+)



iPhone
(10.0+)



iPad
(10.0+)



Windows/Mac



Image: Diagram showing compatibility with Android (USB-C, 6.0+) and iPhone/iPad (10.0+). Note: Direct PC webcam functionality may not be supported by the app.

Video: An official demonstration on how to use the Aopick digital microscope, covering basic setup and operation.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Focus and Magnification

To achieve a clear image, rotate the focus wheel on the microscope body. The magnification range is 50X to 1600X. Adjust the distance between the microscope lens and the object, then fine-tune the focus wheel until the image on your device screen is sharp.



Image: Visual representation of 50X, 500X, and 1600X magnification levels on various objects like a ladybug, sunflower, and diamond.

5.2 Controlling LED Lights

The microscope features 8 built-in adjustable LED lights to provide sufficient illumination in various environments. Use the light adjustment wheel on the microscope body to increase or decrease the brightness as needed for optimal viewing.



Image: Illustration of the 8 adjustable LED lights on the microscope, ensuring clear visibility even in dark conditions.

5.3 Taking Photos and Videos

The Sup-Anesok app allows you to capture images and record videos directly from the microscope's view. Use the dedicated buttons within the app interface to switch between photo and video modes and to initiate capture.



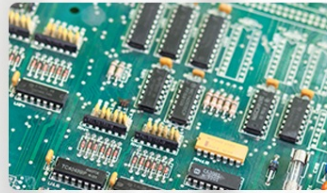
Image: The digital microscope functioning as a camera, capturing detailed images of objects like a ladybug.

6. APPLICATIONS

The Aopick Digital Microscope is versatile and can be used for a wide range of applications, including but not limited to:

- **Educational Purposes:** Exploring plants, insects, and other natural specimens.
- **Hobbyist Use:** Inspecting coins, stamps, jewelry, and other collectibles.
- **Electronics Repair:** Examining circuit boards and small electronic components.
- **Textile Inspection:** Analyzing fabric weaves and material quality.
- **Skin and Hair Analysis:** Observing skin texture, hair follicles, and scalp conditions.

Widely Used in All Applications



Circuit Detection



Hair Inspection



Money Detection



Plant Inspection

Image: Examples of the microscope's use in circuit detection, hair inspection, money detection, and plant inspection.

Video: An official demonstration showing the Aopick microscope capturing tiny details on strawberries.

7. MAINTENANCE

Proper care ensures the longevity and optimal performance of your microscope:

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the microscope lens. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the microscope body with a dry or slightly damp soft cloth. Do not immerse the device in water.
- **Storage:** Store the microscope in a dry, dust-free environment when not in use. Keep the protective cap on the lens to prevent scratches and dust accumulation.
- **Handling:** Handle the microscope with care to avoid dropping or subjecting it to strong impacts.

8. TROUBLESHOOTING

If you encounter issues with your Aopick Digital Microscope, refer to the following common problems and solutions:

- **No Image on Screen:**
 - Ensure the microscope is securely plugged into your device.
 - Verify that the "Sup-Anesok" app is open and has the necessary permissions (camera, storage).
 - Check if your mobile device's battery is above 20%, as low battery can affect performance.
 - Confirm your Android device supports OTG function.
 - Remove the protective cap from the microscope lens.
- **Image is Blurry:**
 - Adjust the focus wheel on the microscope body until the image becomes clear.
 - Ensure the distance between the microscope lens and the object is appropriate for the desired magnification.
 - Clean the lens if there is any dust or smudges.
- **LED Lights Not Working:**
 - Check the light adjustment wheel on the microscope to ensure it's not turned off or set to the lowest brightness.
 - Verify the microscope is properly connected and receiving power from your device.
- **App Not Detecting Microscope:**

- Restart the "Sup-Anesok" app and reconnect the microscope.
- Ensure your device's operating system (Android 6.0+ or iOS 10.0+) is compatible.
- For Android, confirm OTG function is enabled in your device settings if applicable.

9. WARRANTY AND SUPPORT

Aopick provides professional after-sales service to ensure your satisfaction. If you require technical support, have questions about the product, or need assistance with troubleshooting that is not covered in this manual, please contact our customer support team. We are available 24 hours to assist you.

Please refer to the contact information provided with your purchase or visit the official Aopick website for support details.

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

Open the live page

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