

SKYBASIC 321

SKYBASIC USB Digital Microscope (Model 321)

User Instruction Manual

1. INTRODUCTION

The SKYBASIC USB Digital Microscope is a portable high-definition inspection camera designed for detailed observation and recording. It offers a magnification range of 50x to 1600x and features 8 adjustable LED lights for optimal illumination. This microscope connects directly to your iOS or Android mobile device, providing a convenient way to capture photos and videos of microscopic objects.

2. PACKAGE CONTENTS

- 1x SKYBASIC Digital Microscope
- 1x Adjustable Stand
- 1x User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the main features and components of your SKYBASIC Digital Microscope.

iOS 10.0+/ Android 6.0+ Compatibility



Figure 3.1: Device compatibility with iOS 10.0+ and Android 6.0+ (OTG/USB-C).

50X-1600X Digital Magnification Range



Figure 3.2: 50x-1600x digital magnification range.

8 Adjustable LED Lights

Provides excellent images even in dark areas.



Figure 3.3: 8 adjustable LED lights for optimal illumination.



Figure 3.4: Rotatable metal stand for stable and flexible positioning.

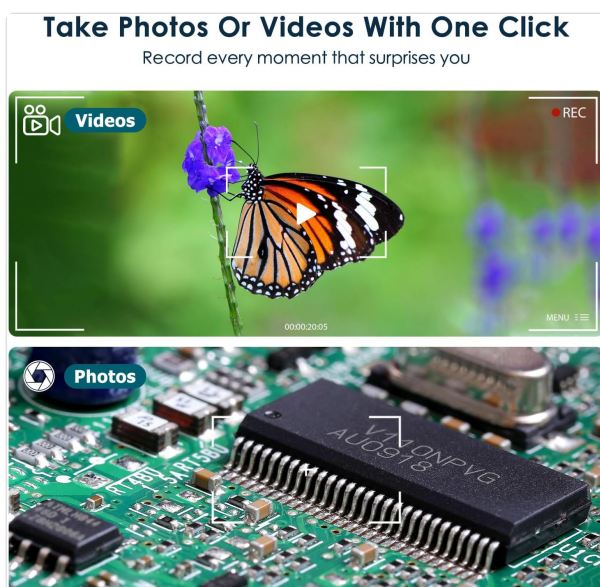


Figure 3.5: One-click photo and video capture functionality.



Figure 3.6: Wide range of applications for the digital microscope.

4. SETUP

- 1. Remove Protective Cover:** Before first use, gently remove the transparent plastic protective cover from the microscope lens.

2. **Install Application:** Download the "Sup-Anesok" application from Google Play Store (for Android devices) or Apple App Store (for iOS devices).
3. **Connect to Device:** Plug the USB cable of the microscope directly into your mobile phone's interface. Ensure your Android device supports OTG/USB-C functionality if applicable.
4. **Launch Application:** Open the "Sup-Anesok" app. The microscope feed should appear automatically.
5. **Power Requirement:** For stable operation and clear image capture, ensure your phone's battery level is above 20%.

5. OPERATING INSTRUCTIONS

1. Adjust Magnification and Focus:

- Place the microscope over the object you wish to observe.
- Rotate the focus wheel on the microscope body to achieve a clear image. The optimal focal distance is between 0 and 90 mm. Different object distances will correspond to different magnifications.
- The magnification range is 50x to 1600x. Adjust the focus wheel to fine-tune the view.



Figure 5.1: Adjusting the focus wheel.

2. Adjust LED Lights:

- The microscope features 8 built-in adjustable LED lights.
- Use the light adjustment button on the microscope body to control the brightness. This ensures sufficient illumination even in dark environments.



Figure 5.2: Adjusting LED light brightness.

3. **Capture Photos and Videos:**

- Within the "Sup-Anesok" application, you can take photos and record videos of your observations.
- The photo and video resolution is 1920x1440P, allowing for clear documentation.
- Refer to the app's interface for specific buttons to initiate photo or video capture.

6. **MAINTENANCE**

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to clean the microscope lens. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the microscope in a dry, dust-free environment when not in use. Keep it away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent drops or impacts that could damage internal components.

7. **TROUBLESHOOTING**

Problem	Possible Cause	Solution
Cannot see a clear image	Protective cover still on lens; incorrect focus; insufficient lighting.	Ensure the protective cover is removed. Rotate the focus wheel to adjust. Adjust the LED light brightness.
Microscope not connecting to phone	App not installed; incorrect cable connection; phone compatibility issue; low phone battery.	Download and install "Sup-Anesok" app. Ensure the USB cable is securely connected. Verify your phone is Android 6.0+ (with OTG/USB-C) or iOS 10.0+. Ensure phone battery is above 20%.
App is not displaying video feed	App malfunction; connection issue.	Close and restart the app. Restart your phone. Reinstall the app if the problem persists. Check the physical connection of the microscope to the phone.
Image quality is poor or shaky	Unstable microscope; improper focus/lighting.	Use the adjustable stand for stability. Fine-tune the focus wheel and LED lights. Avoid sudden movements during observation or capture.

8. **SPECIFICATIONS**

Feature	Detail
Brand	SKYBASIC
Model Number	321
Color	Black
Magnification Range	50x - 1600x
Light Source	8 Adjustable LED Lights

Feature	Detail
Optimal Focal Distance	0 - 90 mm
Photo/Video Resolution	1920*1440P
Compatible Devices	Smartphones, Tablets (Android 6.0+ with OTG/USB-C, iOS 10.0+)
Dimensions (L x W x H)	5.7 x 14.7 x 10.2 cm
Weight	180 grams
Material	Plastic

9. WARRANTY AND SUPPORT

Manufacturer Warranty: This product comes with a 12-month manufacturer warranty from the date of purchase.

Customer Support: Should you have any questions regarding your SKYBASIC Digital Microscope, its operation, or require technical assistance, please do not hesitate to contact our customer support team. We are available to assist you 24/7.

For support, please refer to the contact information provided with your purchase or visit the official SKYBASIC website.