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› Bysameyee USB Digital Microscope 40X to 1000X Instruction Manual

Bysameyee SA-00

Bysameyee USB Digital Microscope 40X to 1000X Instruction Manual

Model: SA-00

1. INTRODUCTION

The Bysameyee USB Digital Microscope is a versatile tool designed for magnifying small objects, offering a magnification range from 40X to 1000X. It features 8 adjustable LED lights for optimal illumination and is compatible with various operating systems, including Windows, Mac, Linux, and Android devices with OTG functionality. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your digital microscope.

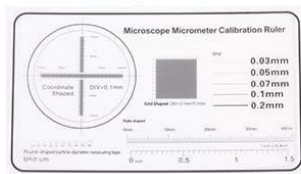


Image showing the Bysameyee USB Digital Microscope with its metal stand, connected via USB cable to a computer monitor displaying a circuit board, and a smartphone also displaying a circuit board. The microscope itself is black with a clear lens and an adjustable focus wheel.

2. PACKAGE CONTENTS

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

- Bysameyee USB Digital Microscope
- Metal Stand
- Carrying Case
- Calibration Ruler
- CD Driver (for Windows software)
- Type-C Adapter
- User Manual



Ruler



CD Driver



Type-C Adapter



Manual



Bracelet



Base

Image displaying the complete package contents: a zippered carrying case, the digital microscope, a metal stand, a calibration ruler, a CD driver, a Type-C adapter, a user manual, and a wrist strap.

3. SYSTEM REQUIREMENTS & COMPATIBILITY

Operating System Compatibility:

- Windows: XP, Vista, 7, 8, 10, 11
- Mac: OS X 10.5 and above
- Linux: Kernels 2.6.26 and above
- Android: Phones with OTG function (requires UVC camera support). Not compatible with iOS (iPhone/iPad).

Device Connectivity:

The microscope features a 3-in-1 USB connector, supporting standard USB, Micro USB, and Type-C connections for

broad device compatibility.



Diagram illustrating the 3-in-1 connectivity options: standard USB for Mac computers, Micro USB for Android phones, and Type-C USB for newer Android phones, all connecting to the digital microscope.

Tested Device Compatibility:

	Support
PC	Window 2000/2003/XP/Vista/7/8/10,Linux,Mac OSX
Samsung	S3 Series(I9308 I9300)(Galaxy S3 SHV-E210K)(Galaxy S3 SHV-E210L)(i9308) S4 Serie(I9508)(Galaxy S4 SHV-E300L)(Galaxy S4 GT-I9405)(i9500) S5 S6 S7 S8 S9 Series Note Serise:Model>=Note2 SCH-P729 nexus10 E230L SM-T805 N5100(Tablet) P600(Tablet) Tab s2(Tablet) M7 SHV-E230L N915L SHV-e301 SM-T805 SHV-E160L A7 A8 ON7
Redmi	Model>=Redmi2
Xiaomi	Xiaomi3 Xiaomi4 Xiaomi note Xiaomi Tablet
OPPO	R7005 R7Plus OPPOR2017 OPPOR3007 OPPOR7007 find7 A31 A33 A51 A53 N5207
Nubia	Z5S Z7 Z7MIN Z9MAX Z9min NX511J Z7min nx5aaj
HTC	E8 M8 NEXUS9 9088 802D M7 M9 M8t D826w m9+
VIVO	X3s X31 vivo maxL X510t X5Max X6 X510
Meizu	X5L MX4 PRO MX5 x2
Motorola	NEXUS6 MOTO E XORO Moto G
LG	NEXUS5 D855 F400S F400I F350L F320S F320L F310I F240L G3 GPro2 G2 Optimus G Pro Optimus LTE2/Optimus G V10 L24 G4
Sony	Sony Xperia-Tablet Model>=Z1 L50H Z2 LT26i C3(S55T) SGP321(Tablet) Z3 Xperia SL SGP312(Tablet) Z2L50H Z139T
letv	X600 1S
Google	Google5 nexus6
ZTE	V5 V5S V5max U9180 N9180 ZTE V5 series ZTE 718
ASUS	Nexus7 ZenFone2 ZenFone 5
TECLAST	TECLAST X89 DUAL
Pantech	Pantech Vega Popup Note/Vega Iron2/Vega Secret Up/Vega Secret Up/ Vega Secret Note/Vega Iron/Vega No6/Vega R3
Nexus	Nexus 5
HTL	idol3(i806)
Huawei	G7 B199
1.The models above can match with Jiusion USB microscope. 2.This is only parts of tested model. If your android mobile has OTG function, support UVC camera, Android 4.1 system above, it can alos use Jiusion microscope.	

A table detailing compatible devices and operating systems, including Windows, Linux, Mac OSX, and various Samsung, Redmi, Xiaomi, OPPO, Nubia, HTC, VIVO, Meizu, Motorola, LG, Sony, letv, Google, ZTE, ASUS, TECLAST, Pantech, and Huawei phone models. It notes that the list is of tested models and Android phones require OTG function and UVC camera support.

4. SOFTWARE INSTALLATION

For Windows Users:

Install the professional software, Amcap, from the provided CD. If your computer lacks a CD drive, please contact Bysameyee customer support for a download link. Windows 10 users may also utilize the system-integrated webcam application.

For Mac Users:

You can use the built-in "Photo Booth" application directly. Alternatively, software like "Quick Camera" is also compatible.

For Android Users:

Download a compatible UVC camera application from your device's app store. Ensure your Android phone supports OTG

functionality. You can verify OTG support by downloading a free app like "USB OTG Checker."

5. HARDWARE SETUP

1. **Assemble the Stand:** Attach the microscope holder to the metal base. The stand allows for 180-degree tilt and 360-degree rotation for flexible viewing angles.
2. **Mount the Microscope:** Securely place the digital microscope into the holder on the stand.
3. **Connect to Device:** Plug the USB connector of the microscope into your computer or Android device. Use the appropriate adapter (Micro USB or Type-C) if necessary.



Detailed diagram of the Bysameyee USB Digital Microscope highlighting its features: 8 LED lights, ZOOM button, SNAP button, 40X-1000X stepless magnification, rotary button for focus, and dimensions. The stand allows 180-degree tilt and 360-degree rotation.

6. OPERATING INSTRUCTIONS

6.1 Connecting the Microscope

Once the software is installed and the microscope is physically connected to your device, open the installed application. The live view from the microscope should appear on your screen.

6.2 Adjusting Magnification and Focus

The microscope offers 40X to 1000X stepless magnification. Rotate the focus wheel on the microscope body to adjust the magnification and bring the object into clear focus. For optimal viewing, adjust the distance between the microscope lens and the object.

6.3 Controlling LED Illumination

The microscope is equipped with 8 built-in LED lights. Use the LED dimming wire control knob located on the USB cable to adjust the brightness of the lights. The diffuser ensures soft, non-dazzling illumination of the viewed object.

6.4 Capturing Images and Videos

With the installed software, you can capture still images (screenshots) and record videos. Please note that the SNAP and ZOOM buttons on the microscope body are only functional with Windows systems, as the proprietary software for these functions is designed for Windows.

6.5 Using Measurement Software (Windows Only)

The measurement software included with the Windows application allows for precise measurements of magnified objects. This feature is exclusively available for Windows users.

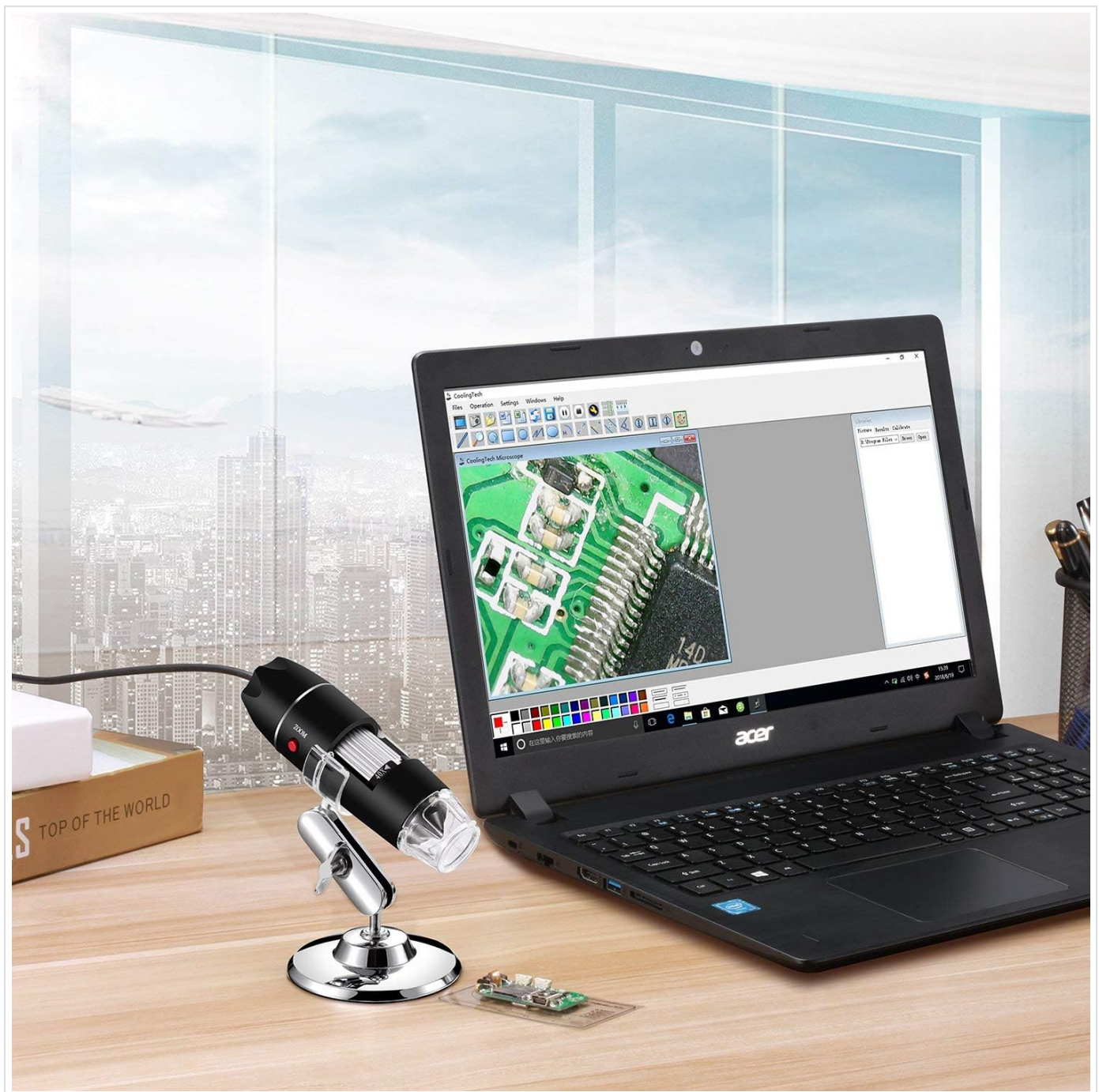


Image of the digital microscope on its stand, connected to a laptop displaying a magnified view of a circuit board on its screen. The microscope is positioned over a small circuit board on the desk.



Image showing a person using the digital microscope to inspect a printed circuit board (PCB). The microscope is on its stand, and the magnified image is displayed on a computer monitor and a smartphone.

7. CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microscope body. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- **Storage:** Store the microscope in its carrying case when not in use to protect it from dust and physical damage.
- **Handling:** Avoid dropping the device or exposing it to extreme temperatures or humidity.

8. TROUBLESHOOTING

- **No Image on Screen:**
 - Ensure the microscope is securely connected to your device's USB port.
 - Verify that the correct software or application is open and selected as the camera source.
 - For Android, confirm OTG function is enabled and the device supports UVC cameras.

- **SNAP/ZOOM Buttons Not Working:**

- These buttons are only functional when connected to a Windows system using the dedicated software. They are not recognized by Mac or Android applications.

- **Poor Image Quality:**

- Adjust the focus wheel carefully.
- Vary the distance between the microscope lens and the object.
- Adjust the LED light brightness using the control knob.
- Ensure the lens is clean and free of dust or smudges.

- **Android Device Not Recognizing Microscope:**

- Confirm your Android device has OTG functionality and it is enabled in settings.
- Ensure the installed app supports UVC cameras.
- Try a different USB OTG adapter if available.

9. TECHNICAL SPECIFICATIONS

- **Model Number:** SA-00
- **Magnification:** 40X to 1000X
- **Illumination:** 8 LED lights (adjustable brightness)
- **Power Source:** Corded Electric (5 Volts)
- **Connectivity:** USB (3-in-1: Standard USB, Micro USB, Type-C)
- **Material:** Metal (stand), Plastic (microscope body)
- **Item Weight:** Approximately 9.1 ounces
- **Package Dimensions:** 8.07 x 7.52 x 1.93 inches

10. WARRANTY AND CUSTOMER SUPPORT

For warranty information or technical assistance, please refer to the documentation included with your purchase or contact Bysameyee customer support directly. Details can typically be found on the manufacturer's official website or through the retailer where the product was purchased.