

[Manuals.plus](#) /

› [Bysameyee](#) /

› Bysameyee USB Digital Microscope SB-19 User Manual

Bysameyee SB-19

Bysameyee USB Digital Microscope SB-19 User Manual

Model: SB-19 | Brand: Bysameyee

1. PRODUCT OVERVIEW

The Bysameyee USB Digital Microscope offers 40-1000X magnification, functioning as a digital microscope camera and endoscope. It features 8 adjustable LED lights for optimal illumination. This device is designed for capturing screenshots and recording video of microscopic subjects, providing clear and stable images. It is compatible with Android phones (with OTG function), Mac OS, Windows, and Linux systems. Please note: This microscope is not compatible with iPhone/iPad devices.

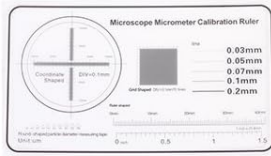
2. PACKAGE CONTENTS

Upon opening your Bysameyee USB Digital Microscope package, you should find the following items:

- 1 x USB Digital Microscope
- 1 x Metal Stand
- 1 x Software Driver CD
- 1 x Type C Adapter (for Android Type C Phones)
- 1 x Calibration Ruler



CD Driver



Ruler



Type-C Adapter



Manual



Base



Bracelet

Image: Package contents including the USB digital microscope, metal stand, software driver CD, Type C adapter, and calibration ruler.

3. PRODUCT FEATURES

- **Magnification:** 40x to 1000x magnification for detailed observation of microscopic objects.
- **Illumination:** Equipped with 8 adjustable LED lights to provide bright and even illumination of the inspection area. Brightness can be controlled via a wheel on the cable.
- **Capture Capabilities:** Allows users to capture screenshots and record videos of the magnified view.
- **Versatile Applications:** Suitable for various uses including collections/coin inspection, educational purposes, skin and hair examination, plant dissection, textile inspection, jewelry inspection, printing inspection, and PCB/PCBA inspection.



Image: Key features of the microscope, including LED lights, magnification range, and control buttons.

4. SETUP AND INSTALLATION

Follow these steps to set up your Bysameyee USB Digital Microscope:

1. **Assemble the Stand:** Attach the microscope to the metal stand. The stand allows for 180° vertical adjustment and 360° rotation for flexible positioning.
2. **Connect to Device:** The microscope features a 3-in-1 USB connector (standard USB, Micro USB, and Type-C). Connect the appropriate connector to your computer (Mac/Windows/Linux) or Android phone (ensure it has OTG function).
3. **Software Installation:** Install the necessary software or application on your device. Refer to Section 6 for detailed software installation instructions.
4. **Positioning:** Place the object you wish to observe under the microscope lens. Adjust the height of the microscope using the stand to achieve initial focus.

3 IN 1

USB & Micro USB & Type-C



USB



Mac



Micro USB



Android



Type-C



Type - C



Image: The microscope's versatile 3-in-1 USB connector for various devices.



Show Kids the Micro World

**Scientific Research Exchange
and Sharing**

Image: Microscope connected to a laptop, showing a magnified circuit board.

5. OPERATING INSTRUCTIONS

To operate your digital microscope:

1. **Power On:** Once connected to your device and the software/app is running, the microscope should power on automatically.
2. **Adjust LED Lights:** Use the brightness wheel located on the USB cable to adjust the intensity of the 8 LED lights.
3. **Adjust Magnification and Focus:** Rotate the focus wheel on the microscope body to achieve the desired magnification (40x to 1000x) and clear focus.
4. **Capture Images/Videos:** Use the 'SNAP' button on the microscope (Windows only) or the software/app interface to capture still images or record videos.



Video: Demonstration of the Bysameyee Handheld USB Digital Microscope in use, showcasing its features and image quality.



Video: A short clip demonstrating the microscope's ability to capture clear and crisp images and videos, specifically showing a soldering application.

6. COMPATIBILITY AND SOFTWARE INSTALLATION

The Bysameyee USB Digital Microscope is compatible with a range of operating systems and devices:

- **Mac Users:** Compatible with Mac OS X 10.5 or above. You can use built-in applications like Photo Booth or QuickTime Player directly.
- **Windows Users:** Compatible with Windows 7, 8, 10, and 11, Vista, XP, 2000. The included CD contains the 'Amcap' software, which is a professional Windows application. If your computer lacks a CD drive, please contact customer service for a download link. The 'SNAP' and 'ZOOM' buttons on the microscope are recognized by this software.
- **Android Users:** Compatible with Android phones that support the OTG (On-The-Go) function. To check if your phone supports OTG, download the free app "USB OTG Checker". For software, scan the QR code provided in the manual or search for "CameraFi" on Google Play. The Android app may not recognize the 'SNAP' and 'ZOOM' buttons.
- **Linux Users:** Compatible with Linux kernels 2.6.26 and above.
- **Chrome OS Users:** Can be used with the default Camera app that comes with Chrome OS.

Important Note: This microscope is **not compatible** with iOS devices (iPhone/iPad).



Mac users can use the Photo Booth to use this microscope directly. There is software called "Quick Camera" which can work on this microscope too.



Amcap is available for win xp/vista/7/8/10 users. You can get this software from CD or contract with our customer service to get the download link for Internet.



Android users can scan these code and download the app. You can also search "CameraFi" on Google Store to install.

Note: This microscope can't work for iPhone.

Image: Software installation guidance and QR codes for Android applications.

Android App Download Links:

- [CameraFi \(Google Play Store\)](#)
- [CAMERA-AN97.apk \(Version 2.3\)](#)

- [CAMERA-AN97.apk \(Version 2.2\)](#)

7. MAINTENANCE

To ensure the longevity and optimal performance of your Bysameyee USB Digital Microscope, follow these maintenance guidelines:

- **Cleaning the Lens:** Gently wipe the microscope lens with a soft, lint-free cloth. For stubborn smudges, use a lens cleaning solution specifically designed for optical devices. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Body:** Use a dry or slightly damp cloth to clean the exterior of the microscope. Do not immerse the device in water or any cleaning liquids.
- **Storage:** Store the microscope in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Keep it in its original packaging or a protective case when not in use to prevent dust accumulation and physical damage.
- **Cable Care:** Avoid bending or twisting the USB cable excessively, as this can damage the internal wires.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image displayed / Device not recognized	Incorrect connection, missing/corrupt drivers, incompatible device, app not selected.	Ensure the USB cable is securely connected. Install the correct software/drivers for your operating system (refer to Section 6). Verify your Android device supports OTG. Select the microscope as the camera input in your software/app.
Image is blurry or out of focus	Improper focus adjustment, incorrect distance from object.	Rotate the focus wheel on the microscope body. Adjust the height of the microscope on its stand to find the optimal working distance.
LED lights not working or dim	Brightness wheel setting, power issue.	Adjust the brightness wheel on the USB cable. Ensure the microscope is receiving sufficient power from the USB port.
SNAP/ZOOM buttons not working	Operating system limitation, generic app.	The SNAP and ZOOM buttons are primarily designed to function with the dedicated software on Windows systems. They may not be recognized by generic camera apps on Mac or Android. Use the software/app interface for these functions if buttons are unresponsive.
Stand is unstable or difficult to adjust	Loose connections, design limitation.	Ensure all parts of the metal stand are securely tightened. For more stable or precise positioning, consider acquiring an alternative, heavier-duty stand if needed for specific applications.

9. SPECIFICATIONS

Feature	Detail
Model Number	SB-19

Feature	Detail
Magnification Ratio	40x to 1000x
Light Source Type	8 LED (adjustable by control wheel)
Focus Range	10mm to 250mm
Frame Rate	Max 30f/s under 600 Lux Brightness
Video Format	AVI
Photo Format	JPEG or BMP
PC Interface	USB 2.0
Power Source	5V DC from USB port
Operating System	Windows 7/8/10/11/Vista/XP/2000, Mac OS X 10.5+, Android (OTG), Linux, Chrome OS
Product Dimensions	1.2 x 1.2 x 4.5 inches (3 x 3 x 11.5 cm)
Item Weight	8.8 ounces (0.25 kg)
Material	PC (Polycarbonate)
Color	Black

10. WARRANTY AND SUPPORT

For any product-related inquiries, technical support, or warranty claims, please contact Bysameyee customer service through the retailer where you purchased the product. Keep your purchase receipt as proof of purchase.