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Jiusion Jiusion-2MPScope

Jiusion HD 2MP USB Digital Microscope User Manual

Model: Jiusion-2MPScope

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Jiusion HD 2MP USB Digital Microscope. This portable magnification endoscope camera is designed for detailed observation and analysis on various compatible devices.

SAFETY INFORMATION

- Keep the device away from water and high humidity.
- Avoid dropping or subjecting the microscope to strong impacts.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by qualified personnel.
- Ensure proper ventilation when in use to prevent overheating.
- Use only the provided cables and accessories.

PACKAGE CONTENTS

Verify that all items are present in your package:



Image showing the contents of the Jiuision Digital Microscope package, including the HD Microscope, Lifting Bracket, Installation Tool, Connecting Bracket, and Portable Storage Box.

- HD Digital Microscope (with integrated USB cable)
- Height Adjustable Stand (Lifting Bracket, Connecting Bracket, Base)
- USB to Type-C/Micro USB Adapter
- Portable Carrying Bag
- Installation Tool (Hex key)

SETUP

1. Software Installation

To use the microscope, you will need to install a compatible camera application on your device.

- **For Android OS (OTG compatible phones):** Download "CameraFi - USB Camera / Webcam" or a similar USB camera application from the Google Play Store. Ensure your Android device supports OTG (On-The-Go) functionality.
- **For Mac, Windows, Linux, Chrome OS:** Connect the microscope directly to a USB port. Most operating systems will automatically detect it as a webcam. You can use built-in camera applications (e.g., Camera app on Windows, Photo Booth on Mac) or third-party software.
- **Note:** This microscope is *not* compatible with iPhone or iPad devices.

2. Connecting the Microscope

Connect the microscope's USB cable to your computer or, for Android devices, use the provided Type-C/Micro USB adapter to connect to your phone.



This image illustrates the microscope's compatibility with various devices, showing connections for Android (Type-C and Micro USB) and Windows/Mac/Linux via standard USB. It also explicitly states incompatibility with iPhone/iPad.



The main product image shows the microscope mounted on its stand, connected to a computer monitor and a smartphone, displaying magnified views of a circuit board.

3. Assembling the Stand (Optional)

The microscope comes with a height-adjustable aluminum alloy stand for stable observation. Assemble the stand by attaching the microscope to the lifting bracket and securing it to the base. The knob on the stand allows for easy height adjustment.

Focus Distance:



Not Bright



Slightly Bright



Bright



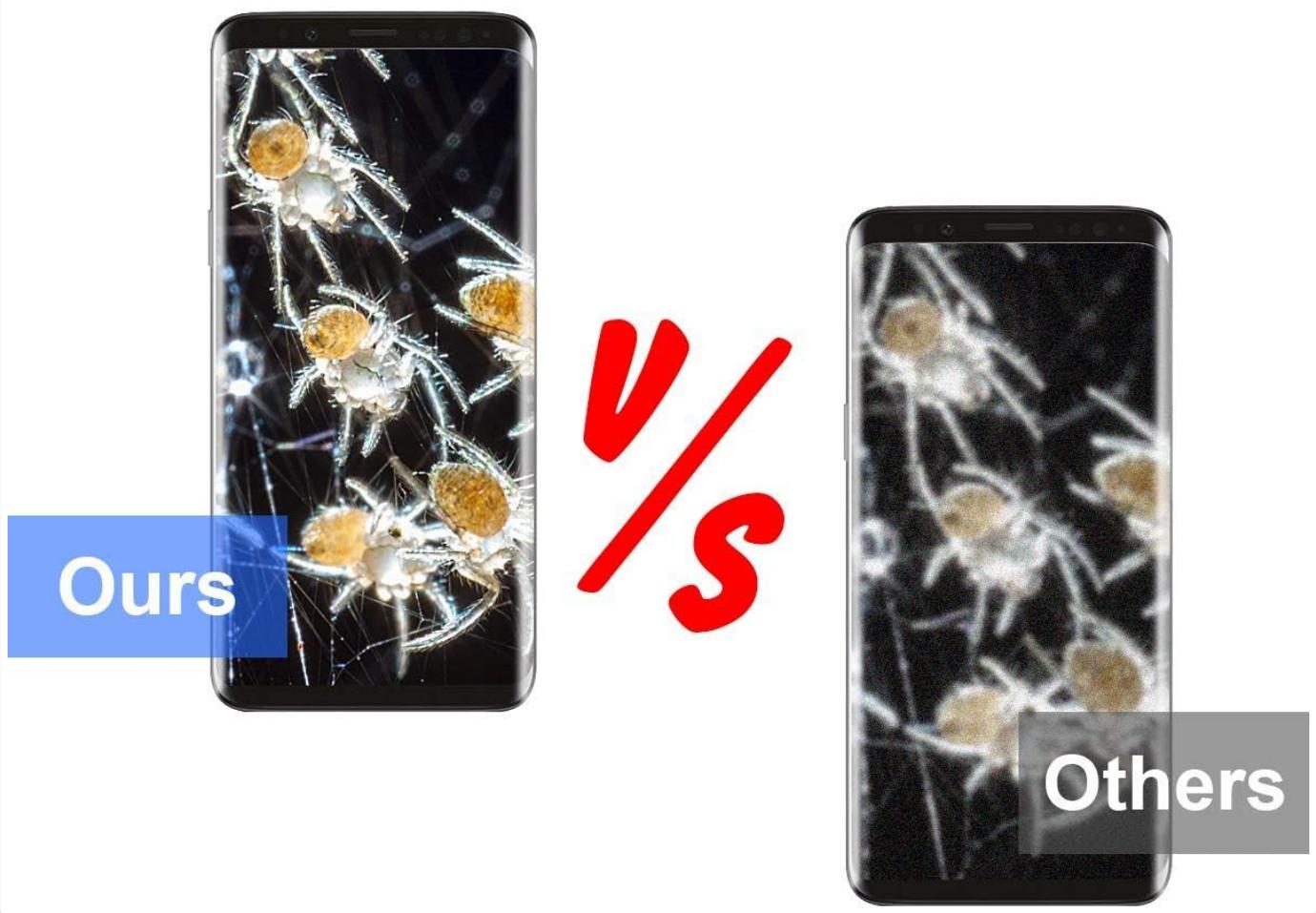
Very Bright

The microscope is shown mounted on its stable aluminum alloy stand, positioned over a circuit board, with the magnified image displayed on a laptop screen.

OPERATING INSTRUCTIONS

1. Adjusting Magnification and Focus

The microscope offers 40-1000X magnification. Rotate the magnification wheel on the microscope body to adjust the zoom level. For fine-tuning focus, adjust the distance between the microscope lens and the object, or use the height adjustment knob on the stand.



This image highlights the microscope's Full HD 1920*1080P lens, 8 adjustable LEDs, and wide-angle capability, showing a comparison between the microscope's clear image and a blurry "others" image of mites.



This image demonstrates the concept of focus distance with light waves converging on an object (a bee) and shows four levels of LED brightness: Not Bright, Slightly Bright, Bright, and Very Bright.

2. Controlling LED Illumination

The microscope is equipped with 8 adjustable LEDs to illuminate your subject. Use the light control wheel on the USB cable to adjust the brightness. This allows for optimal viewing in various lighting conditions.



This image details the microscope's controls: a Light button, a Snap button, a removable Lens Cover, the Magnification Wheel, and the USB, Micro USB, Type C connector, along with the stable Stand.

3. Capturing Images and Videos

Once the microscope is connected and the software is running, you can capture still images or record videos. Use the "SNAP" button on the microscope's cable or the capture function within your chosen camera application.

4. Official Product Video Guide

For a visual guide on setup and operation, please watch the official product video:

Your browser does not support the video tag.

This video, titled "Jiuision 2MP Microscope Camera," demonstrates the microscope's features, including light control, adjustable zoom, easy capture with the snap button, and its application in fixing electronics, examining fabrics, plants, and even hair.

APPLICABLE SCENARIOS

The Jiuision HD 2MP USB Digital Microscope is versatile and can be used for a variety of observations, including but not limited to:

- Coin and stamp inspection
- Circuit board repair and inspection
- Skin, scalp, and hair examination
- Jewelry appraisal
- Insect observation
- Textile analysis
- Plant life study



Applicable Scenarios



This image displays various items that can be observed with the microscope, such as insects, leaves, textiles, coins, circuit boards, hair, and knives, illustrating its wide range of applications.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microscope body. For the lens, use a lens cleaning cloth and solution specifically designed for optical devices. Avoid abrasive materials.

- Storage:** When not in use, store the microscope in its portable carrying bag to protect it from dust and physical damage. Keep it in a cool, dry place.
- Cable Care:** Do not bend or crimp the USB cable excessively.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image or device not recognized.	<ul style="list-style-type: none"> Incorrect software/driver. Loose USB connection. Device not OTG compatible (for Android). Microscope not selected as camera source. 	<ul style="list-style-type: none"> Ensure correct camera app is installed (e.g., CameraFi for Android). Check all cable connections. Verify your Android device supports OTG. In your camera app settings, select the Jiusion microscope as the active camera. Try a different USB port or adapter.
Image is blurry or out of focus.	<ul style="list-style-type: none"> Incorrect focus distance. Magnification wheel not adjusted. 	<ul style="list-style-type: none"> Adjust the distance between the microscope lens and the object. Rotate the magnification wheel on the microscope body. Use the height adjustment knob on the stand for precise focusing.
LEDs are not working or too dim/bright.	<ul style="list-style-type: none"> Light control wheel not adjusted. Power issue. 	<ul style="list-style-type: none"> Rotate the light control wheel on the USB cable to adjust brightness. Ensure the microscope is properly powered via the USB connection.

SPECIFICATIONS

Feature	Detail
Lens Resolution	HD 2MP (1920x1080P)
Magnification Range	40-1000X
Illumination	8 adjustable LEDs
Connectivity	USB, Type-C, Micro USB
Compatible OS	OTG Android, Mac, Windows 7/8/10/11, Linux, Chrome OS
Material	Aluminum Alloy (Stand)
Power Source	5 Volts (USB powered)
Item Weight	16 ounces

Feature	Detail
Model Number	Jiusion-2MPScope

WARRANTY AND SUPPORT

Jiusion provides a 12-month warranty covering parts and labor for this product. Lifetime customer service and technical support are also available.

For further assistance or inquiries, please contact Jiusion customer support through the vendor's official channels or the platform where the product was purchased.

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