

## Ashfly 366C

# Ashfly LCD Digital Coin Microscope User Manual

Model: 366C | Brand: Ashfly

## INTRODUCTION

The Ashfly LCD Digital Coin Microscope is a versatile and powerful tool designed for detailed observation and analysis. Featuring a 4.3-inch IPS screen and up to 1000x magnification, it allows users to explore the microscopic world with clarity. It is ideal for inspecting coins, circuit boards, textiles, plants, and jewelry, and can also be connected to a PC for real-time viewing and recording. Its portable design and adjustable LED lighting make it suitable for various applications, from educational purposes to professional inspections.

## WHAT'S IN THE BOX

- Microscope Device (with 4.3-inch LCD screen)
- Adjustable Stand (Base, Pole, Bracket)
- USB-C Charging Cable
- Instruction Manual

## SETUP

Follow these steps to assemble your Ashfly Digital Microscope:

1. **Attach the Pole to the Base:** Insert the metal pole into the designated slot on the plastic base. Ensure it is firmly seated.
2. **Mount the Bracket:** Slide the adjustable bracket onto the metal pole. This bracket will hold the microscope unit.
3. **Attach the Microscope Unit:** Secure the microscope unit to the bracket. Use the tightening knobs on the bracket to firmly hold the microscope in place.
4. **Remove Protective Film:** Gently peel off the protective plastic film from the LCD screen.



Figure 1: Fully assembled Ashfly Digital Microscope.



Figure 2: Step-by-step assembly guide for the microscope.

## Setup Video Guide

Your browser does not support the video tag.

Video: Easy to install motherboard repair magnifier. This video demonstrates the assembly process and initial setup of the microscope, including attaching the unit to the stand and adjusting its position.

## OPERATING INSTRUCTIONS

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### Basic Operation

- **Power On/Off:** Press and hold the power button (usually marked with a circle and vertical line) to turn the device on or off.
- **Adjust Magnification:** Use the zoom in/out buttons (often marked with '+' and '-' or arrows) on the unit to adjust the digital magnification. The optical magnification is fixed at 1000x.
- **Focus Adjustment:** Rotate the focus knob located on the microscope body to achieve a clear image of your specimen. Adjust the height of the microscope on the stand for coarse focus, then use the knob for fine-tuning.
- **LED Lights:** The microscope features 8 adjustable LED lights. Use the dedicated control (often a dial or button) to adjust the brightness for optimal illumination of your subject.

# 8 Adjustable LED Lights

Make the Picture Clearer  
and Translucent



Figure 3: Adjusting the 8 LED lights for optimal viewing.

# Ring Light Stepless Adjustment

8 high-brightness  
LED ring lights



Figure 4: Stepless adjustment of the 8 high-brightness LED ring lights.

## PC Connection

To view the microscope's feed on your computer:

1. Connect the microscope to your PC using the provided USB-C cable.
2. On the microscope's screen, select "PC Camera" mode when prompted.
3. On your computer, open a camera application (e.g., Windows Camera app or a third-party software like Inskam Camera). The microscope feed should appear.
4. You can capture photos and record videos directly from your computer's software.



# PC View

The USB-C Connection to the PC Provides a Real-Time Zoomed-In View



Figure 5: Real-time zoomed-in view on a PC via USB-C connection.

## Wide Application

Explore the interesting microcosmic world!



Figure 6: Microscope connected to a PC, displaying a coin for detailed inspection.



## Photo and Video Capture

- The microscope has built-in storage for approximately 100 photos.
- To capture a photo, press the "OK" or "Photo/Video" button on the unit.
- To record video, press the "Photo/Video" button again to switch to video mode, then press "OK" to start/stop recording.
- For extended storage, insert a TF Card (up to 64GB, Class 10 recommended) into the designated slot.

# HD Photo/Videos

(100 PCS of Built-in Photo Storage)

Photo



Video



Figure 7: Options for capturing high-definition photos and videos.

## MAINTENANCE

- Keep the microscope lens clean using a soft, lint-free cloth. Avoid abrasive materials.
- Store the device in a dry, dust-free environment when not in use.
- Charge the internal battery using a 5V-1A charger. Do not charge via PC to prevent potential damage.
- Avoid exposing the device to extreme temperatures or direct sunlight.

# IPS Wide Color Gamut Screen

4.3-inch IPS HD screen, 178° wideviewing angle, detailed and clear picture

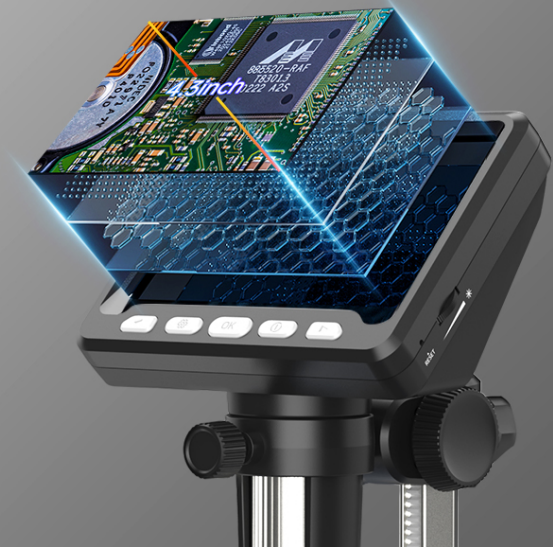
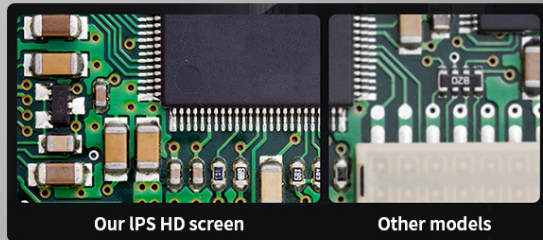


Figure 8: Charging the microscope for optimal battery life.

## TROUBLESHOOTING

- **No Image on Screen:** Ensure the device is powered on and fully charged. Check if the lens cap is removed.
- **Blurry Image:** Adjust the focus knob and the height of the microscope on the stand. Ensure adequate lighting from the LED lights.
- **PC Connection Issues:** Verify the USB-C cable is securely connected. Ensure "PC Camera" mode is selected on the microscope. Try restarting the camera application on your computer.
- **Short Battery Life:** Ensure the device is fully charged before use. Reduce LED brightness if not needed.

## SPECIFICATIONS

Feature	Detail
Model Number	366C
Screen Size	4.3 Inch IPS HD Screen
Magnification	Up to 1000x
Resolution	1080P (for display)
Light Source	8 Adjustable LED Lights
Battery Type	Lithium Ion (included)
Operating Time	Up to 3.5 hours
Charging Time	Approx. 3.0 hours
PC Compatibility	MacOS, Windows (Vista, XP, 7, 8, 10, 11)
Product Dimensions	5 x 5 x 5 inches
Item Weight	1.01 pounds
Material	Plastic
Color	Black



## Safety Information

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- Do not look directly into the LED lights for extended periods.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Keep out of reach of small children without adult supervision.

## Warranty and Support

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For warranty information, technical support, or any inquiries regarding your Ashfly LCD Digital Coin Microscope, please refer to the contact details provided on the product packaging or visit the official Ashfly website. Please retain your proof of purchase for warranty claims.