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DIGITAL MICROSCOPE

MODEL:W7

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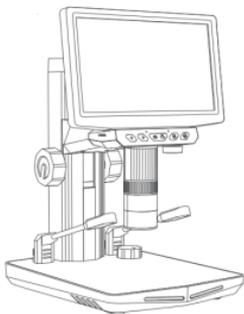
"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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DIGITAL MICROSCOPE

W7



Please read this user manual carefully! Reading carefully will enhance your experience.

Please keep this user manual properly!

NEED HELP? CONTACT US!

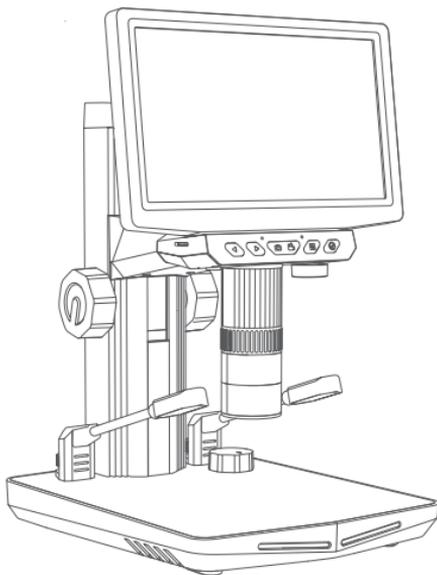
Have product questions? Need technical support? Please feel free to contact us: **Technical Support** and **E-Warranty Certificate**
www.vevor.com/support

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

DIGITAL MICROSCOPE

User Manual

Model:W7



Thank you for purchasing this device.
Please read this manual carefully before using it.

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Product Overview

Thank you for purchasing the digital microscope device. Before using it, please read this user manual carefully.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This equipment will not cause harmful interference
- (2) This equipment must accept any interference received, including interference that may cause unintended operation.

FCC Radiation Exposure Statement:

This equipment complies with the FCC radiation exposure limits established for uncontrolled environments.

RoHS & WEEE & CE Compliance

This product complies with all applicable requirements for Restriction of Hazardous Substances(RoHS) and Waste Electronic and Electrical Equipment(WEEE).

This product complies with the CE standard and regulatory requirements of the European Union.

Important Notes

1. Please fully charge the product before first use. Please do not charge directly through the PC, but choose a 5V-2A adapter.
2. This product is not a biological microscope and is not suitable for cell biology research.
3. This product cannot be accurately read microscope magnification, it is a combination of digital and optical magnification microscope, the specific magnification effect is subject to the actual picture taken.
4. When the battery is low, both the storage mode and camera mode cannot be used normally. This is not a product failure.
5. Please protect the lens carefully and make sure to cover the lens with the cap after use to prevent dust or foreign objects from entering.
6. Please pay attention to the placement of specimens or other objects to be observed, and try to place them in the center of the lens directly below. This will avoid unclear observations and ensure a good user experience.
7. Do not disassemble the product or component structure by yourself to avoid abnormal equipment use.

Accessories and tools



Hex key x1



Screws x 4



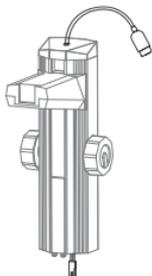
Remote control x1



Data cable x1



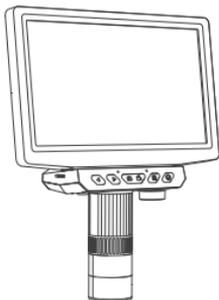
HDMI cable x1



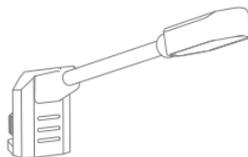
Column x 1



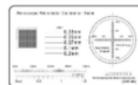
Base x 1



Screen x1



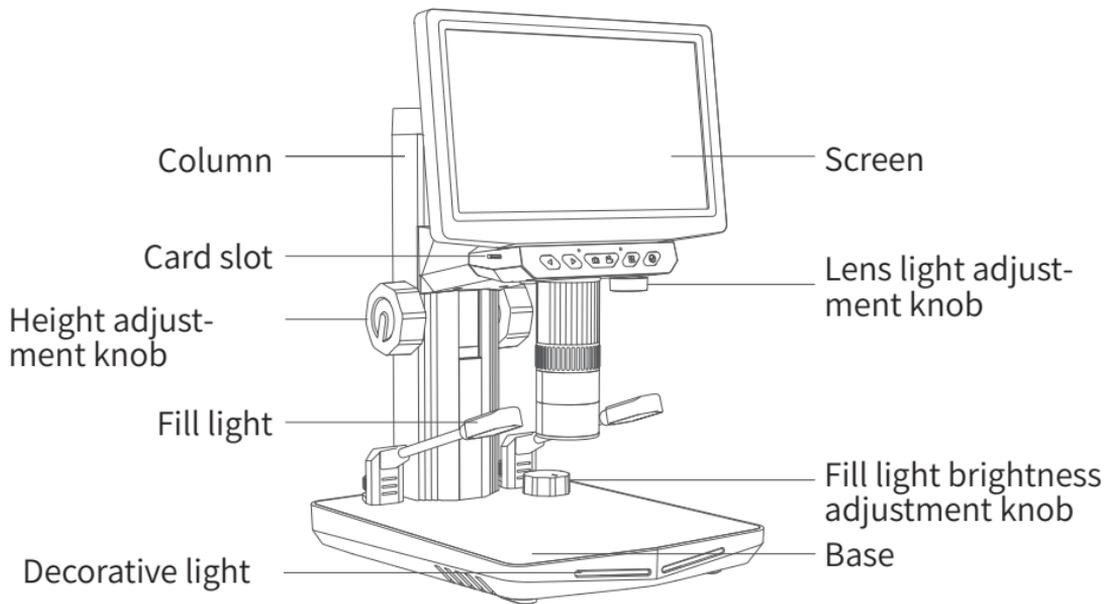
Fill light x2



Micrometer
Calibration Ruler X1

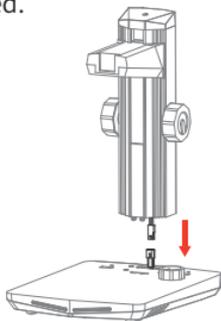
How to assemble

Microscope components

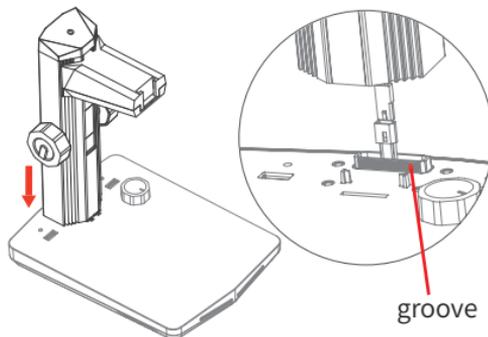


How to assemble

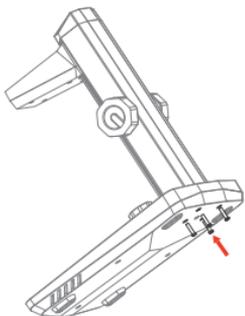
1. Connect the both by the connectors as illustrated.



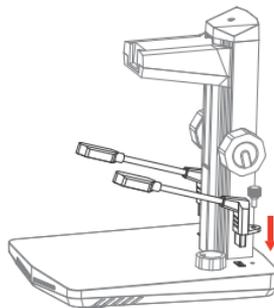
2. Align the column with the groove and insert it.



3. Insert four screws into the base to fix the column.

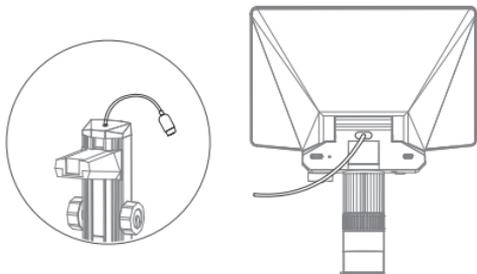


4. Insert the fill light into the USB port.

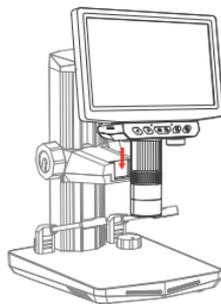


How to assemble

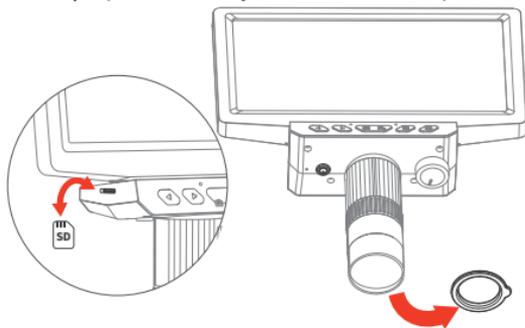
5. The Type-C on the top of the column is connected to the host as illustrated.



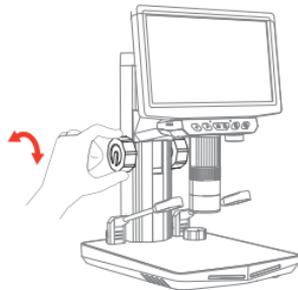
6. Insert the latch at the back of the host into the dovetail slot on the column.



7. Insert the memory card and remove the lens cap. (The memory card is installed.)

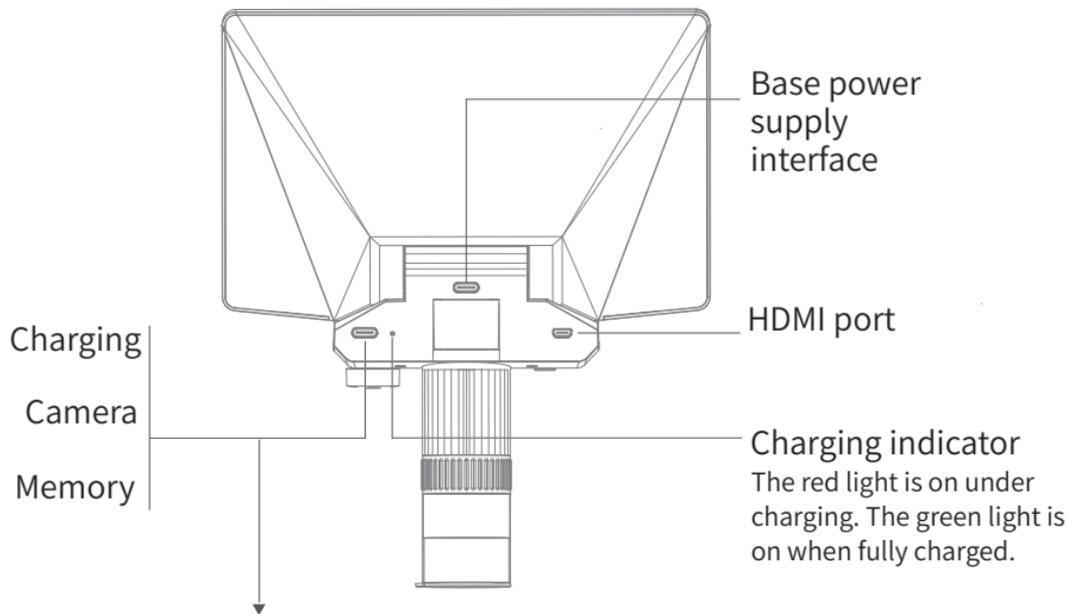


8. Adjust the height of the host to a suitable level by using the height adjustment knob.



Function Introduction

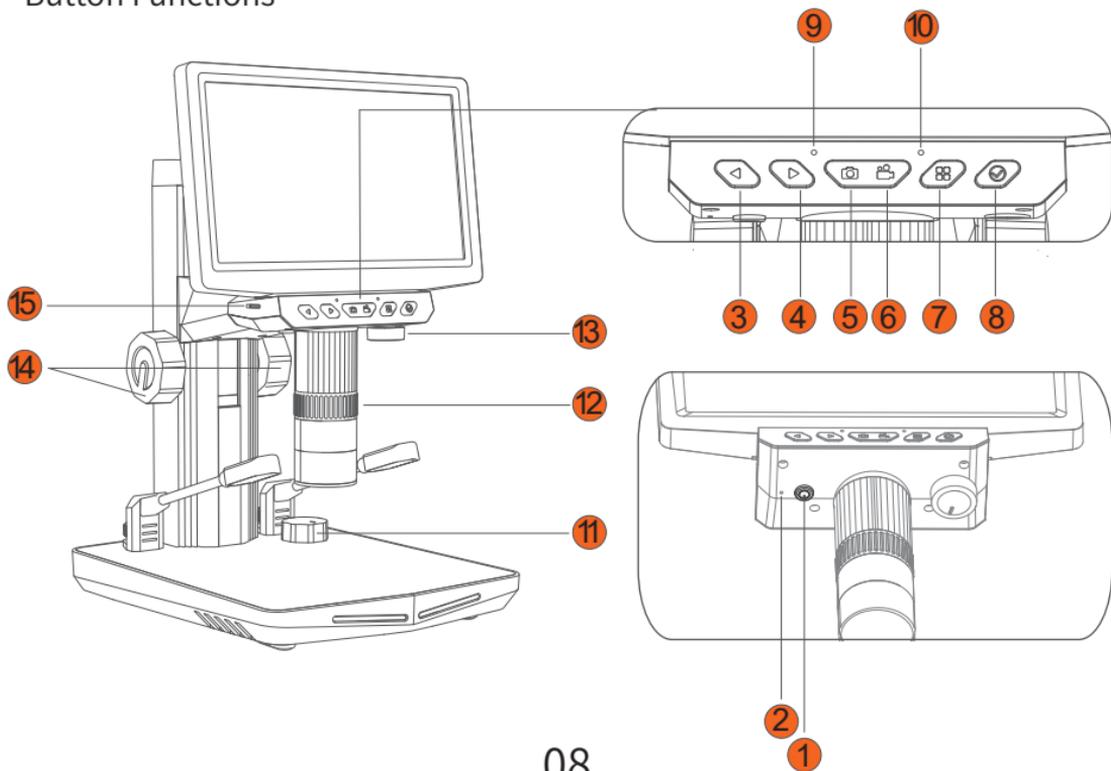
Interface usage instructions



Please refer to page 23 for instructions on how to operate after connecting the device to the computer using Type-C.

Function Introduction

Button Functions



Function Introduction

1 Power button

Press and hold for 3 seconds to switch on/off the device

2 Reset button

Reset to the original factory defaults.

3 Left button

Move up/Zoom in/Page up

4 Right button

Move down/Zoom out/ Page down

5 Photo button

Take a photo

6 Video button

Start recording/End recording

7 Menu button

Open the menu/Exit the menu/Press and hold to delete the file

8 OK button

Confirm selection/Play/Pause

9 Status indicator light

Steady on after power on
Goes off after power off

10 Infrared sensor

Receiving infrared remote control signals

11 Fill light adjustment knob

Left for bright
Right for dim

12 Focus ring

Magnification adjustment
Microscope optical focus adjustment

13 Lens light adjustment knob

Left for dim
Right for bright

14 Height adjustment knob

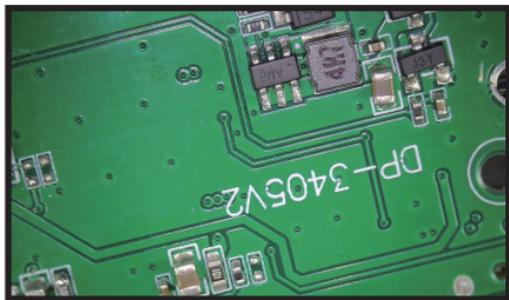
Adjust the host to the appropriate height.

15 TF card slot

Support expansion 0-32G TF card

Function Introduction

Supports connection to HDMI display



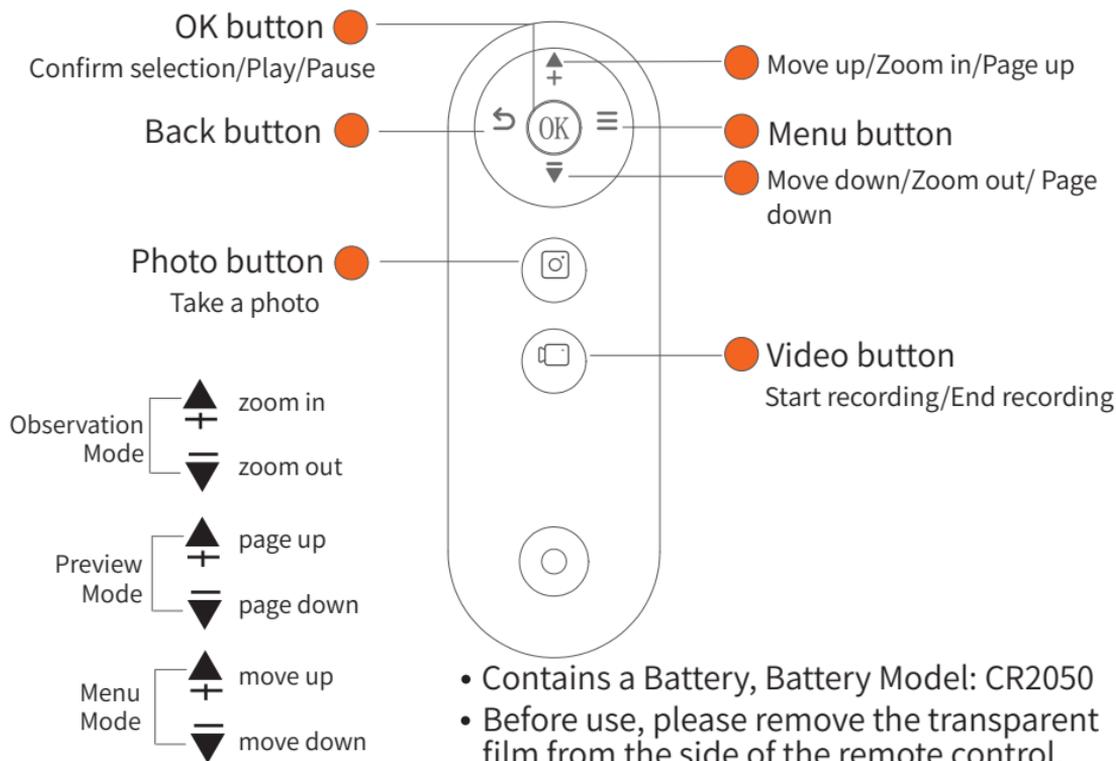
HDMI working status screen is black.



HDMI output for larger view

Connect the microscope to the screen via an HDMI cable, then turn on the device, and you can watch it on the large screen.

Remote Control



Overall Parameters of Microscope

Lens	Lens pixels	2 MP
	Magnification	1200 X
	Focusing mode	Manual
	Focusing Distance	0-40 mm
	Video resolution	720/1080P
	Photo resolution	2-24M
	Video format	MP4
	Photo format	JPG

Overall Parameters of Microscope

Screen	Screen size	7" IPS
	Screen resolution	1024*600P
Other	Model No.	W7
	Input voltage¤t	5V/1A
	Battery capacity	4000mAh lithium battery
	Working time	2.5hrs
	Charging time	2.5hrs
	TF capacity	Support expansion 0-64GB Only support high-speed storage card of class 10 or above, not including class 10

Overall Parameters of Microscope

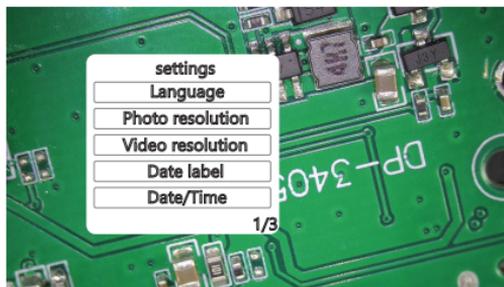
Other	Material	Aluminum Alloy+ABS+PC
	Operating temperature	-10°C ~55°C
	Camera temperature	-10°C ~55°C
	Light source	8 high brightness LEDs 2 LED fill light
	Operating systems	Windows 7and above MacOS 11.0 and above
	Languages	English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese, Arabic

System Interface Guide

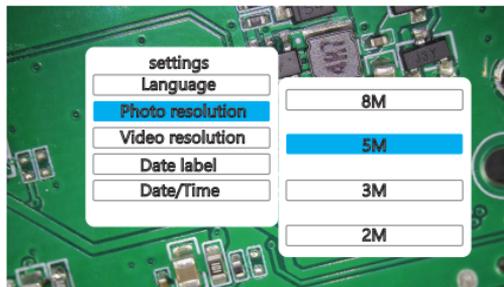
Settings Interface Functions



(1) file settings



(2)



(3)

1. Press and hold the power button for 3 seconds to power on, the device defaults to the observation mode. Click "  " button as shown in pictures (1) :

2. Click the "  " button to select settings , "  " , click "  " button to enter the settings page, as shown in picture (2):

3. Click the "  " button to select and then click "  " button to enter the settings page .Click the "  " button to select and then click "  " button to finish, as shown in picture (3):

System Interface Guide

Language Settings

Switch device language (English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese, Arabic)

Photo Resolution

Adjust the size of the output image resolution, the higher the resolution, the clearer the image, but the more memory it occupies. The image resolution is divided into:2M-24M

Video Resolution

Change the output video resolution, the higher the resolution, the clearer the image, but the more memory it occupies. The video resolution is divided into720P/1080P/1080HD

Default Settings

Restore system default settings.

Auto shutdown

You can choose to automatically shut down after 3-10minutes or turn off the function .

Date Tags

Turn on/off the display of date label.

Date/Time

Set the date and time .

Light source frequency

Select 60-50Hz in the frequency of the light source.

Line Support

Turn on/off the line assistance function.

Formatting

Initialize the TF card.

Versions

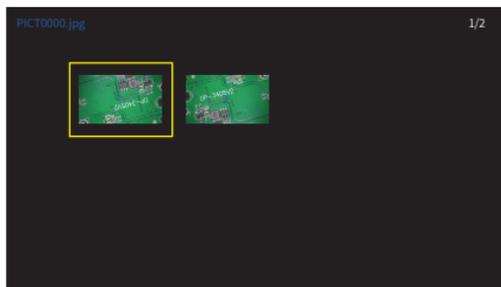
Device system version.

System Interface Guide

- If the device has sufficient battery power, you can use it directly. The following are the operating instructions without charging.
 - If you want to use the device while charging, please refer to the settings on page 23.
1. Take a photo / Record a video: After powering on, the device defaults to the observation mode. Click "📷" button for taking a photo or click "🎥" button for recording and click "👤" button once for ending the record.
 2. Photo/Video Preview:
 - a. Click "🗪" button to enter menu mode, click "▶" button to select "👤", as shown in pictures (1).
 - b. Click "🗑️" button to enter the file browsing page, as shown in pictures (2):



(1)



(2)

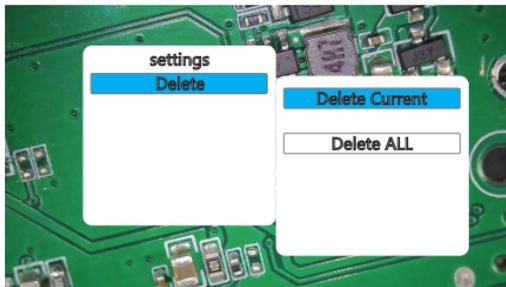
System Interface Guide

b. Click " ◀ " " ▶ " button to select photo/video and then click " ✓ " button to enter the full-screen preview mode. When previewing photo in full-screen mode, click " ◀ " " ▶ " button for page turning . When previewing video in full-screen mode , click " ✓ " button to pause/start.

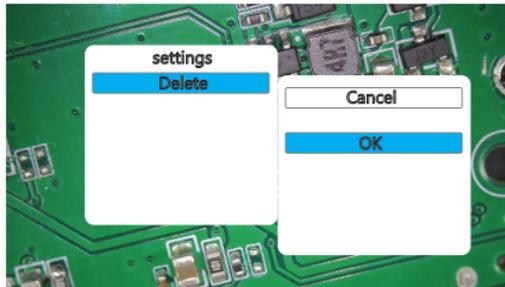
2. Delete file:

a. When the full-screen preview mode, long press " ■■ " button to enter the delete page, click " ▶ " button to select delete and then click " ✓ " button to enter page (3):

b. Click " ▶ " button to select and then click " ✓ " button to enter page (4), click " ▶ " button to select and then click " ✓ " button to finish, as shown in picture (4):



(3)



(4)

Usage Instructions on computer

Different systems require different software. Please choose and download the corresponding software based on your system.

Download for Windows system (Supports Windows 7/8/9/10/11 or higher versions):

① When using Windows 7 and above,download the application “ UniLab ”

Download link :<http://www.weetool.net>

Select **UniLab for Windows** or **amcap v3.0.9** for loading, as shown :



English/中文

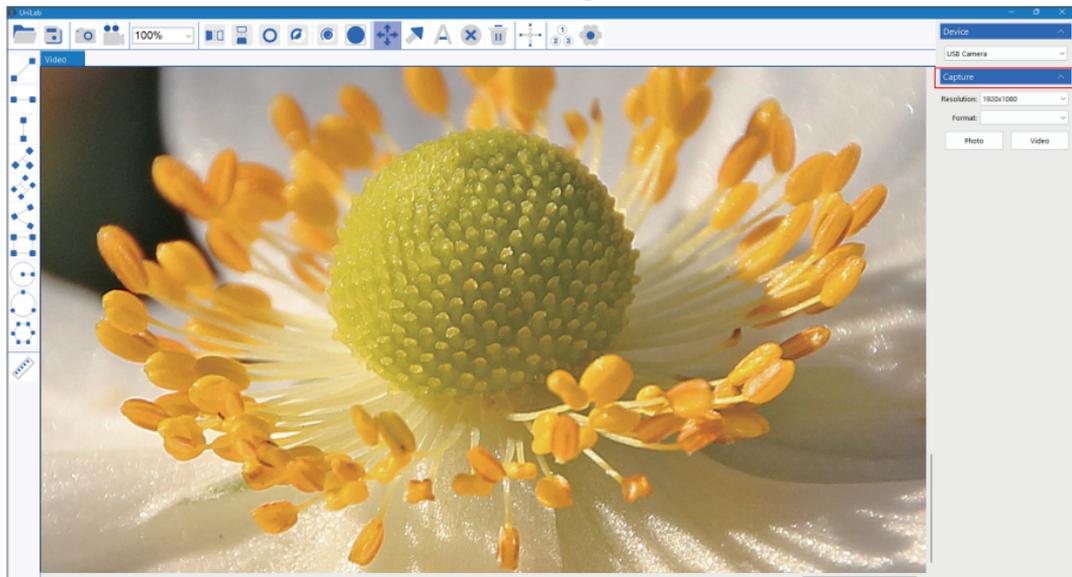
Uni Lab		
UniLab for Windows.exe	699.55KB	Download
W1 user manual.pdf	60.09 MB	Download
amcap v3.0.9.exe	722.0 KB	Download

Prev 1 Next

Usage Instructions on computer

② When using Windows 10 and higher versions, search for the software in the Microsoft Store "**UniLab**"  or use the pre-installed software on your computer called "**Camera**" 

Software "Unilab" page, as shown:



Usage Instructions on computer

Software “Camera” page, as shown:



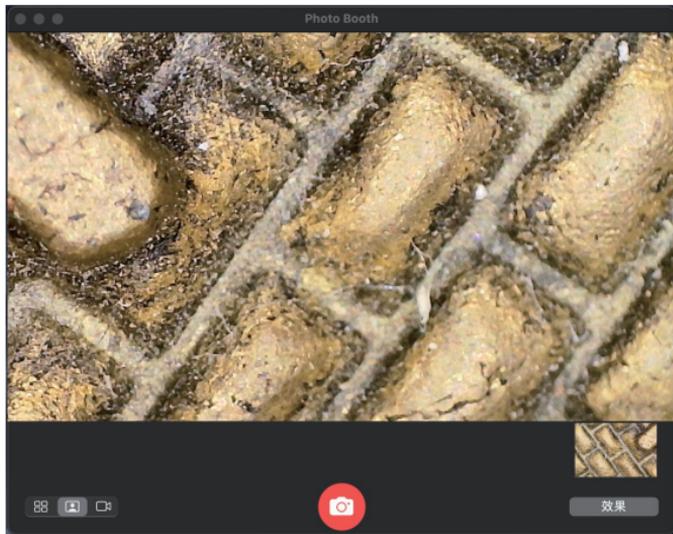
Note: To switch the camera, click  button located at the top right corner of the screen. If the image still cannot be captured, please adjust the privacy settings of your camera.

Usage Instructions on computer

For Apple systems (Supports macOS X 11.0 or higher versions):

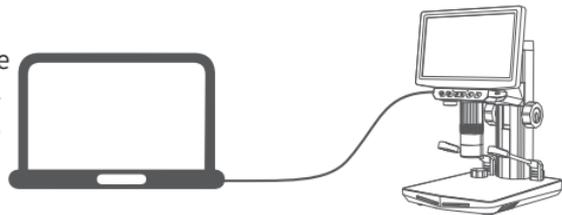
③ Using the pre-installed software on your Apple computer called "Photo Booth" 

Software "Photo Booth" page, as shown:



Usage Instructions on computer

1. Connect the Type-C cable that comes with the original packaging to USB port of the computer. (When the device is connected to the computer, the power off button is invalid, and the Type-C cable needs to be unplugged to shut down, which is normal.)



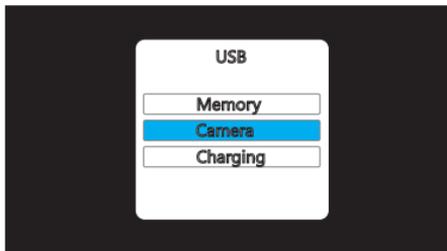
2. After powering on, click " ▶ " button to select **Camera** as shown in pictures(1), click , " ⓪ " button as shown in pictures (2), You can watch by opening the software on your computer. (Please refer to pages 19-22 for the software startup page.)

Note: At this time, the microscope screen does not display images, and the button functions cannot be used. This is a normal phenomenon. (The brightness adjustment button, focus ring, and power button can be used normally.)

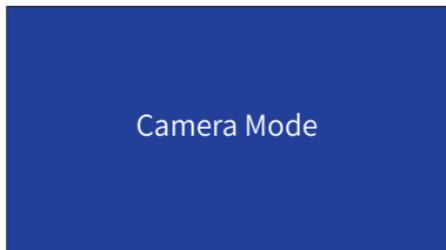
3. After powering on, click " ▶ " button to select **Memory** as shown in pictures(1), click , " ⓪ " button as shown in pictures (3), You can read, write, and format on the computer side.

4. After powering on, click " ▶ " button to select **Charging** as shown in pictures(1), click , " ⓪ " button as shown in pictures (4), At this time, the microscope directly displays the observed object.

Usage Instructions on computer



(1)



(2)



(3)



(4)

Microscope Troubleshooting

Problem description	Causes	Solutions
Device cannot be charged.	<ul style="list-style-type: none">① The charging port is not securely plugged in.② No power source is connected.③ Device malfunction.	<ul style="list-style-type: none">① Re-plug the interface firmly.② Connect the power supply.
Device cannot connect to computer software side.	Loose connection, damaged data cable, or not using a connection cable with data transfer functionality.	Re-plug the interface, replace the data cable, or use a data cable with data transmission function to reconnect and use.
The image blurriness caused by the lens.	<ul style="list-style-type: none">①The object is not directly below the camera lens.②The focal length is not adjusted to the optimal position.③The lighting is not being used correctly.④The lens is fogged up	<ul style="list-style-type: none">① Check the placement of the object.②Refocus.③Adjust the lighting properly.④Wait for the temperature to stabilize. Use it again after the fog has dissipated for a while.
Product cannot be turned off or buttons are unresponsive.	Crash	Please perform a reset and restart.

Operating Environment

Storage Environment

- Store in a cool, dry place away from direct sunlight for daily use
- Avoid storing the microscope in places where there is a risk of falling. Falling may cause deviation of the internal lenses or damage to other components, as well as other irreparable damage issues.



You can charge the microscope using a regular phone charger, computer, or power bank.



Please do not exceed 12 hours of charging time to avoid affecting the battery's lifespan.

- During the charging process, it is normal for the microscope shell and battery to have slight heating, please use it with confidence.



Please use it in an environment between -10°C and 45°C.



Please avoid the microscope being splashed with water, drinks, or corrosive liquids.



Please avoid placing the microscope near heat sources, open flames, and flammable or explosive gases or liquids.



Please avoid impacting and violently shaking the microscope.

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EC	REP	SHUNSHUN GmbH Römeräcker 9 Z2021,76351 Linkenheim-Hochstetten, Germany
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UK	REP	Pooledas Group Ltd Unit 5 Albert Edward House, The Pavilions Preston, United Kingdom
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