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DIGITAL MICROSCOPE

MODEL:LP043

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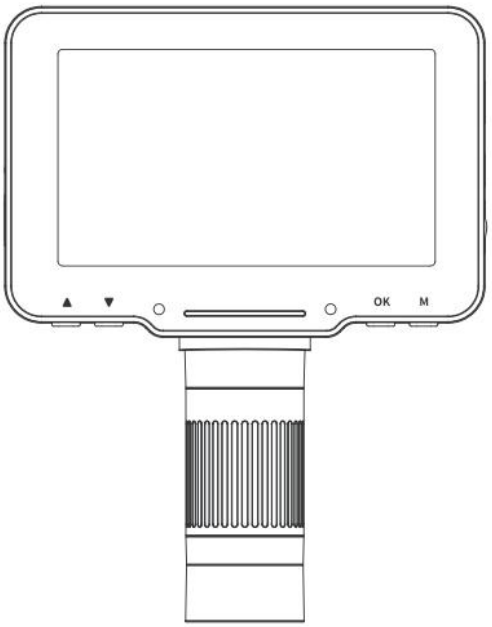
DIGITAL MICROSCOPE

LP043



User Manual V1.0

Please read this user manual carefully and keep it for future reference.

NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

CustomerService@vevor.com

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.

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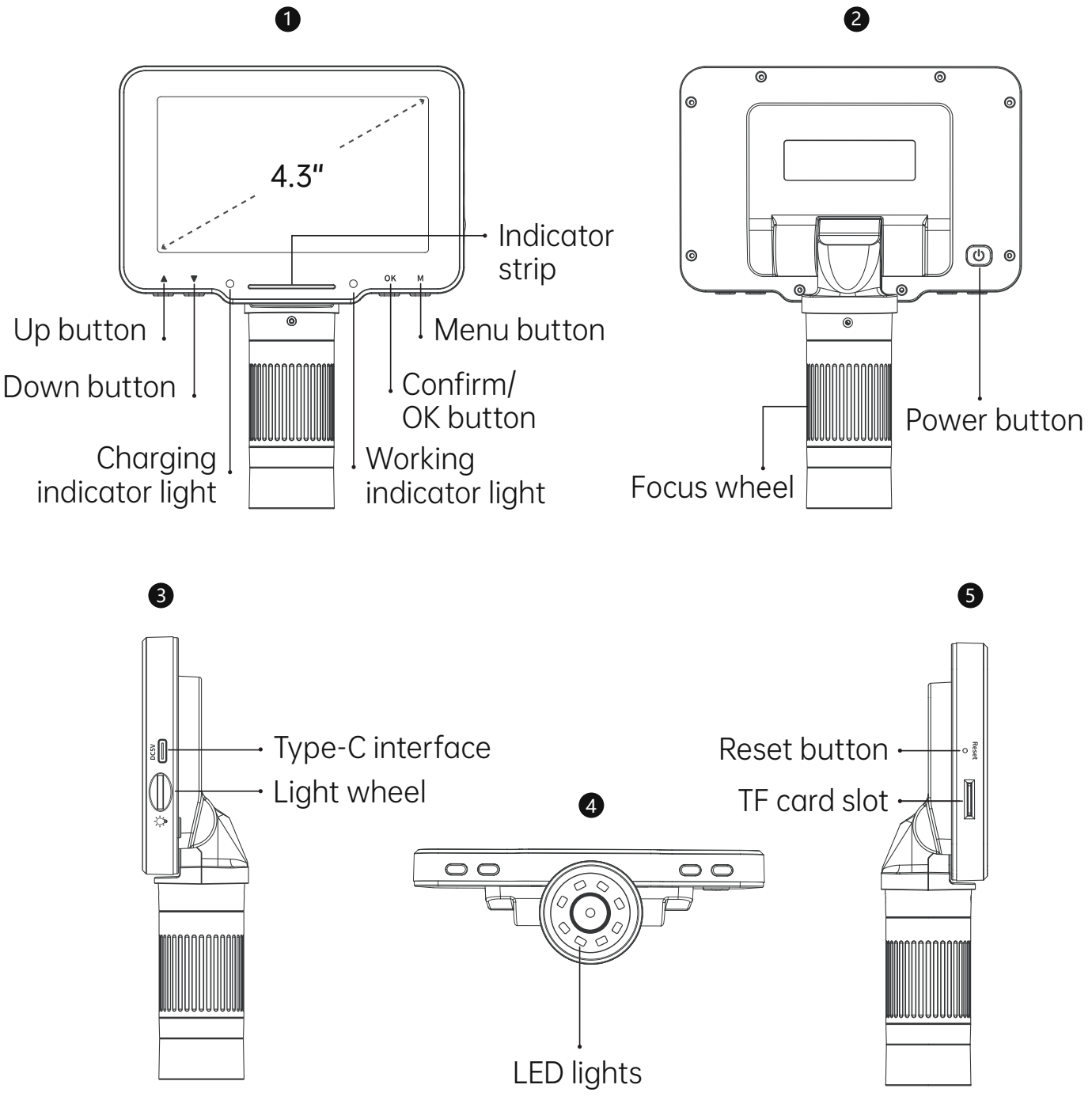
Read Me First

1. Thank you for purchasing the LP043 digital microscope.
2. Please read this user manual carefully and keep it for future reference.
3. Pay attention to protect the lens part.
4. The microscope can be used in hand or inserted as a desktop, with attention to avoid damage to the components.
5. When placing items, place them directly below the center of the lens as much as possible. Avoid not seeing objects clearly and bringing about a bad experience.

Parts Description

* Notice: The picture is for reference only, please refer to the actual object



• Functions introduction

Up/Down button: When entering the Menu interface, it is the selection key; When entering the Photo and Video mode, it is the zoom in/out key.

Charging indicator light: The indicator light is red long after charging, green long after full.

Indicator strip: Used to indicate the switch status of the LED light.

Working indicator light: After powering on, the indicator is long bright blue. After powering off, the indicator is off.

Confirm/OK button: When Photo mode, short press to take pictures and store automatically; When Video mode, short press to start/end recording; When viewing video files in Playback mode, short press to play video; When entering the Menu interface, short press to confirm the selection.

Menu button: Long press this key to enter the Menu interface, and then short press to exit the Menu or return to the previous level; Short press this key to switch between three modes of Photo/ Video/ Playback.

Power button: Long press for 3 seconds to turn the microscope on/off.

Focus wheel: Rotate this wheel to focus on the observation object, slowly adjust until the picture is clear.

Type-C interface: This interface supports charging and data transfer.

Light wheel: Turn the wheel to adjust the LED light brightness.

LED lights: When the observation environment is not enough light, it can make up light.

Reset button: When the microscope is abnormal, poke this hole with a fine pointed object to force the power off.

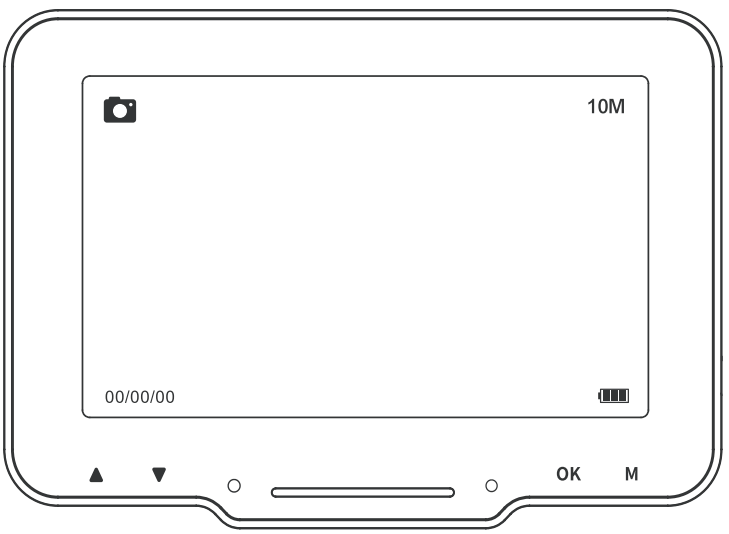
TF card slot: Support maximum 32G memory card (Note: please use C10 high-speed card)

Interface Introduction

(* **Note:** Before using the microscope, please insert the TF card into the microscope to ensure better storage of Photo / Video file)

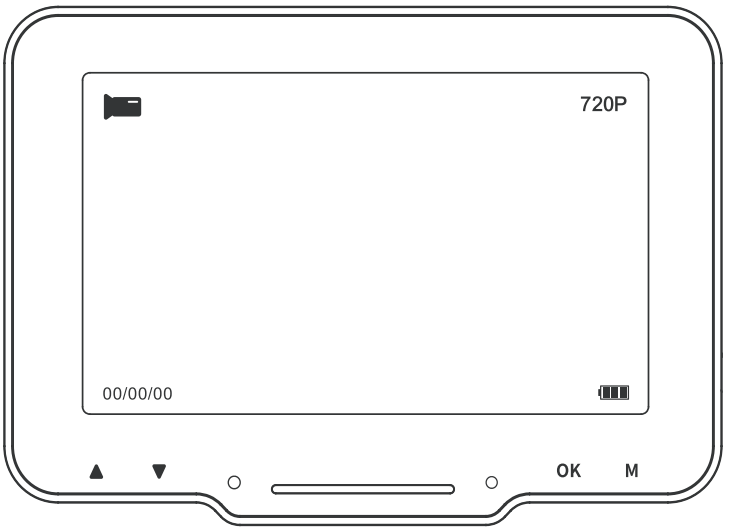
• Photo mode

When the icon in the upper left corner of the microscope is" 📷 ", it is in Photo mode; When the microscope is on, Short press the Menu button on the microscope, it can switch to Photo mode.



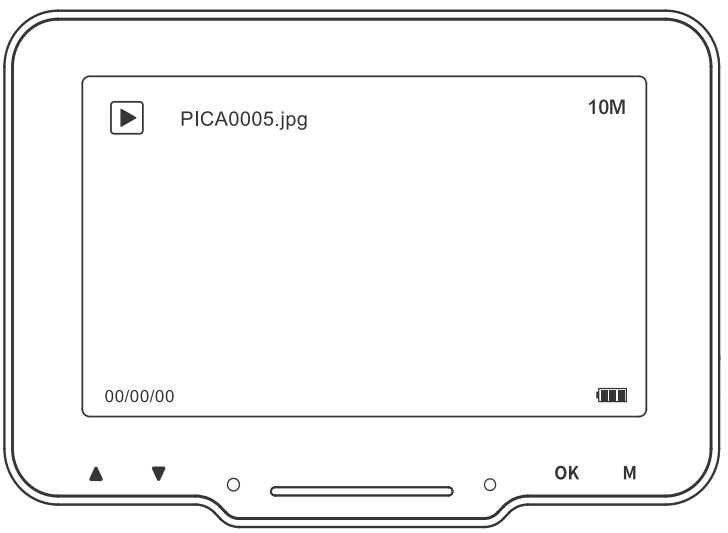
• Video mode

When the icon on the upper left corner of the microscope is" 📹 ", it is in Video mode; When the microscope is on, Short press the Menu button on the microscope, it can switch to Video mode.



- **Playback mode**

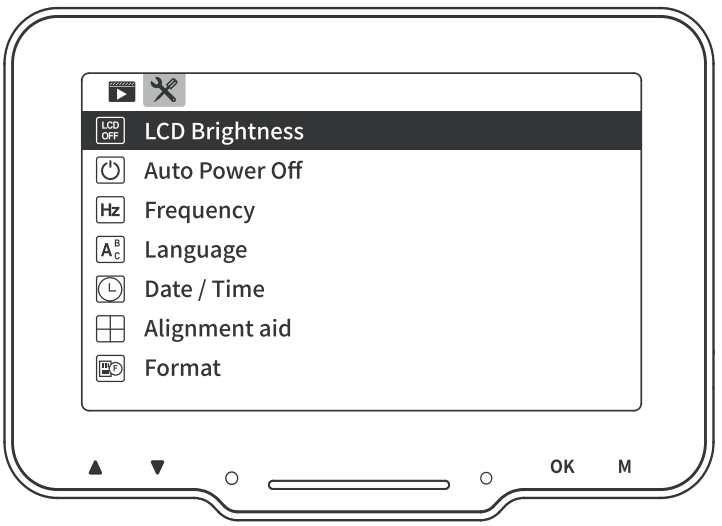
When the icon in the upper left corner of the microscope is" ▶ ", it is in Playback mode; In the power on state, Short press the Menu button on the microscope, it can switch to Playback mode.



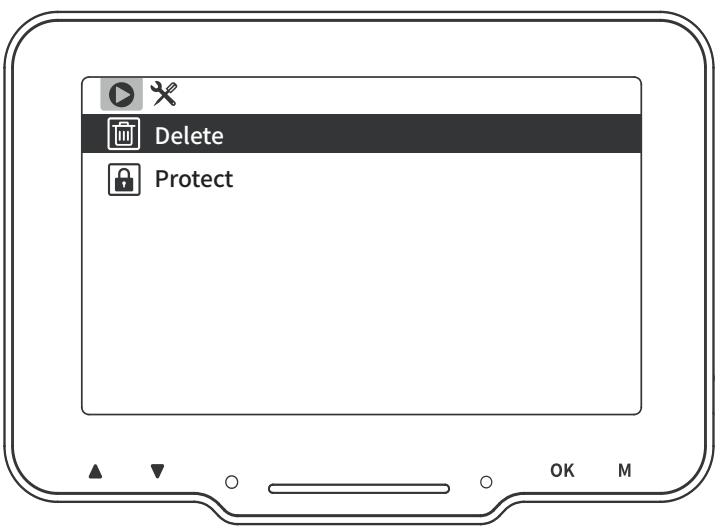
As shown in the figure, enter the Playback mode to view pictures and video files, view the pictures selected by pressing the OK key to view; View the video by pressing the OK key for play / pause; View the current picture / video file, you can press the Up/Down selection key to turn the page, or short press the Playback key again, you can return to the previous level to re-select the file you need to view.

• Menu interface

Long press the Menu button on the microscope, can enter the Menu interface, in the Photo / Video mode to enter the Menu interface, as shown in the figure below:



Enter the Menu when viewing a file in Playback mode, as shown below (the current picture or video file can be deleted / protected)



• Function introduction

Photo Resolution: 10M, 7M, 5M, 3M, 2M, 1M.

Video Resolution: 720P.

Record Audio: If you select "On", the video is recorded with sound. Select “Off” to mute the video recording.

Burst Shooting: With this option enabled, you can take up to five photos in a row.

Image Quality: Quality, Standard and Economy.

Sharpness: Strong, Standard, Soft.

ISO: Auto, 100, 200.

Exposure Compensation: -2.0 to +2.0, 13 exposure values to choose from.

Date Tag: Select On, the date and time mark will be displayed in the lower right corner of the photo / video file; Select Off, the photo / video file will not display the date and time mark.

Automatic Shut-down: After selecting auto shutdown time, the microscope will shut down automatically when no one is operating; no auto shutdown, please select "Off".

Screen Protection: Select a suitable time to make the device turn off the screen automatically when no one is operating it.

Language Settings: Set language. (English, Simplified Chinese, Traditional Chinese, Russian, Japanese, Korean, French, Spanish, Portuguese, German, Italian)

Date / Time: You can set the date / time parameter of microscope display.

Line Assist: Select on, in the photo/video mode, the microscope screen will have "十" auxiliary line display; no "十" auxiliary line, select "Off" can be.

Light Source Frequency: Set the mains frequency.

Formatting: This operation will delete all data in the TF card.
(**Note:** It will not be recovered after deletion, please operate carefully)

Default setting: Restore factory settings.

Version: Check the current firmware version.

Delete / Protect: When viewing a single picture or video in Playback mode, short press the Menu key, you can choose to delete or protect the files in TF, delete (you can choose to delete current/delete all), protect (you can choose to lock current/unlock current/lock all/unlock all). (Note: File protection, only when operating delete in the menu interface, the locked files will not be deleted. When formatting and connecting to computer memory mode, the locked files can also be deleted, so please operate with caution)

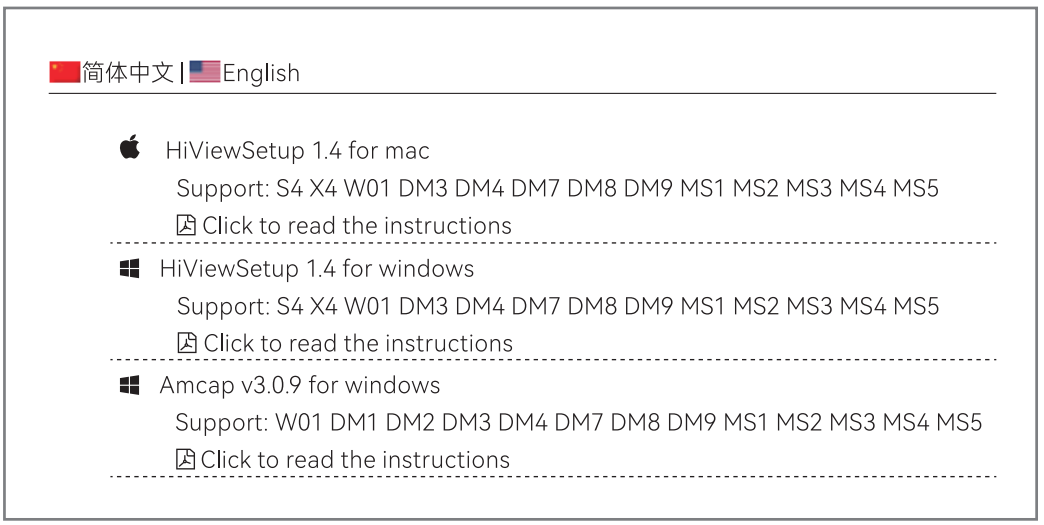
Work with PC

• Software download

* Note: The following 3 methods can be downloaded, please choose the appropriate version according to your computer system.

① Please download the applicable software from the following website: ***http://soft.hvscam.com***

(Suitable for: Windows 7, Windows 8.1, Windows 10, Windows 11 and Mac)

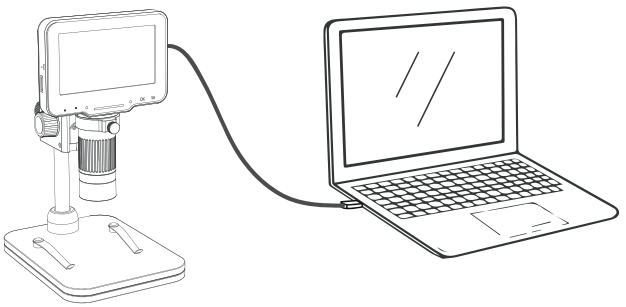


②For Windows, search for "HiView" in "Microsoft Store" (" ") (Suitable for: Windows 8, Windows 10, Windows 11 and above), and you can also be viewed in Camera(" ").

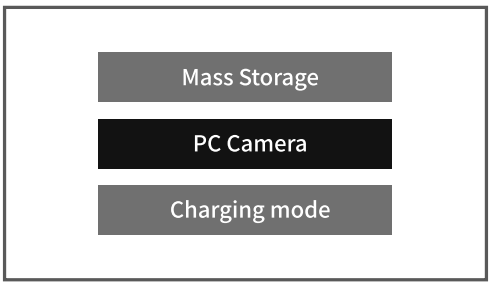
③For Mac OS x 12 or above, search for "HiView" in "App Store", and you can also be viewed in Photo Booth(" ") .

• Operating steps

Step 1. Connect the microscope to the computer via a Type-C cable.

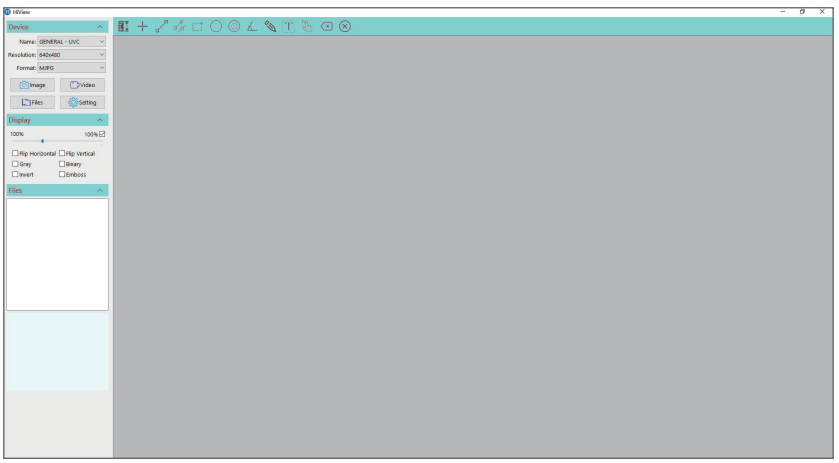


Step 2. Long press the microscope power button to turn on, and the computer side of the successful connection screen pop-up window: Mass Storage / PC Camera / Charging Mode three modes, please select the "PC Camera" mode.



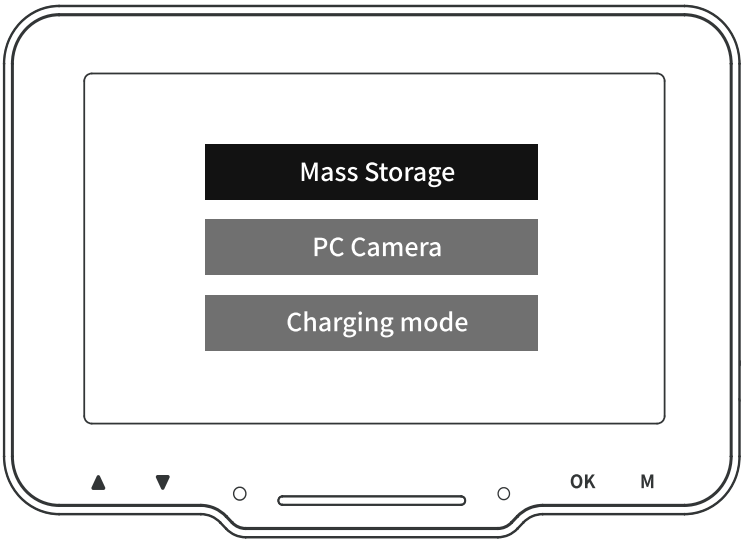
Step 3. Run Hiview, you can watch the image, at this time the photo / video files will be automatically saved in the computer disk.

(**Note:** When connecting to a computer to watch images, please make sure you are using a cable with data transfer function)



• USB function introduction

When the device is connected to the computer through a Type-C cable, the device can be used in Mass Storage / PC Camera / Charging mode.



• Function introduction

① **Mass Storage:** Enter the microscope memory from the computer side, you can view and process the current picture and video files in the TF card, at this time the microscope only Power button and Touched slider available.

② **PC Camera:** After selecting this mode, you can get a larger magnification of the image through the computer camera software, at this time the microscope only Power button and Touched slider available.

③ **Charging Mode:** When the microscope is low on power, you can use the microscope while charging, use Type-C data cable to connect the microscope and the computer side, the microscope is turned on, select Charging Mode, you can enter the charging state. (Note: you can also use daily cell phone charger, computer, rechargeable battery to charge the microscope)

(Note:You can also use your daily phone charger, computer, or power bank to charge the microscope)

Specifications

Item	Specifications
Product Name	LP043
Screen	4.3-inch IPS screen
CMOS Size	1/4"
Photo Resolution	10M, 7M, 5M, 3M, 2M, 1M
Video Resolution	720P
Video Format	AVI
Picture Format	JPG
Illuminant	8 LED lights (brightness adjustable)
PC Operating System	Windows 7, Windows 8.1, Windows 10, Mac OS x 12 or higher
Interface and Signal Transmission Mode	Type-C
Operating Temperature	-10°C ~ +55°C
Operating Humidity	30% ~ 85%RH
Working Current	380mA
Power Dissipation	1.9W
Language	English, French, Spanish, Portuguese, German, Italian, Simplified Chinese, Traditional Chinese, Russian, Japanese, Korean

FAQ

Q: Could you let me how to charge it?
A: There is a USB cable that comes with the package. You can plug it in any normal phone charger adapter or connect it to your laptop or PC, and the charging time is about 3 hours.

Q: Can the microscope be connected to cell phone?
A: No,this microscope is not compatible with cell phone.

Q: Can I see plant cells by this microscope?
A: Sorry, this is a digital microscope, not an optical microscope. You can't see the cells.

Q: Do I have to download software on my computer to see the images?
A: Not necessary, if your laptop is windows10 or above, you can use the computer's default camera. If you're on a Mac, you can use your computer's default Photo Booth.

Address: Baoshanqu Shuangchenglu 803long 11hao

1602A-1609shi Shanghai

Imported to AUS: SIHAO PTY LTD, 1 ROKEVA

STREETEASTWOOD NSW 2122 Australia

Imported to USA: Sanven Technology Ltd., Suite 250,

9166 Anaheim Place, Rancho Cucamonga, CA 91730

EC REP

SHUNSHUN GmbH
Römeräcker 9 Z2021,76351
Linkenheim-Hochstetten, Germany

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