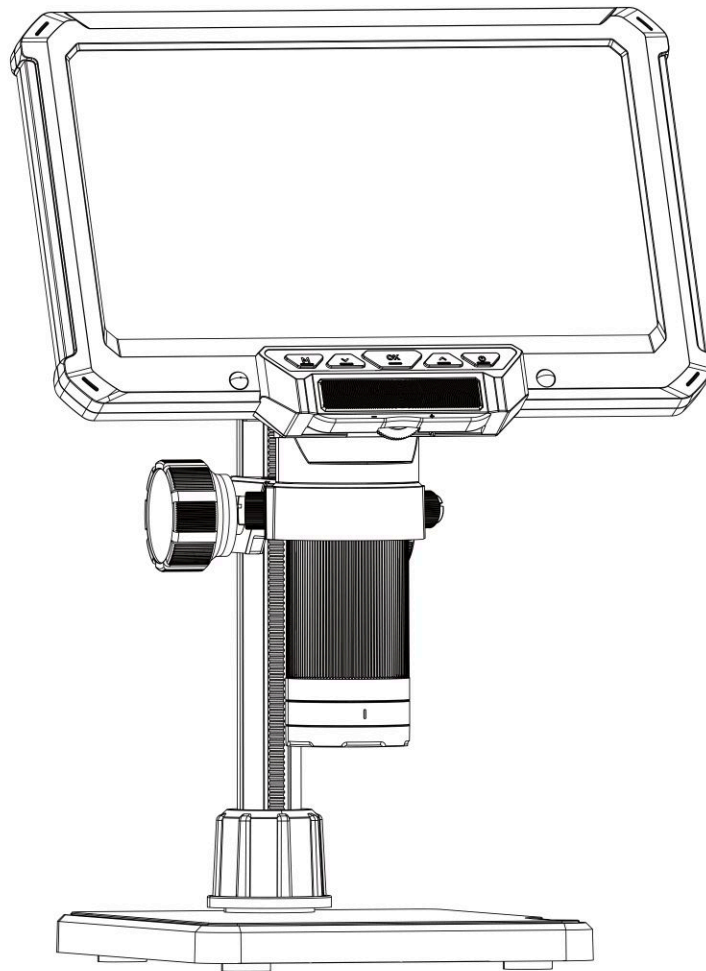


7-inch Digital Microscope

Model : MK7



User Manual V1.1

Please read the instructions carefully and keep them for future reference.

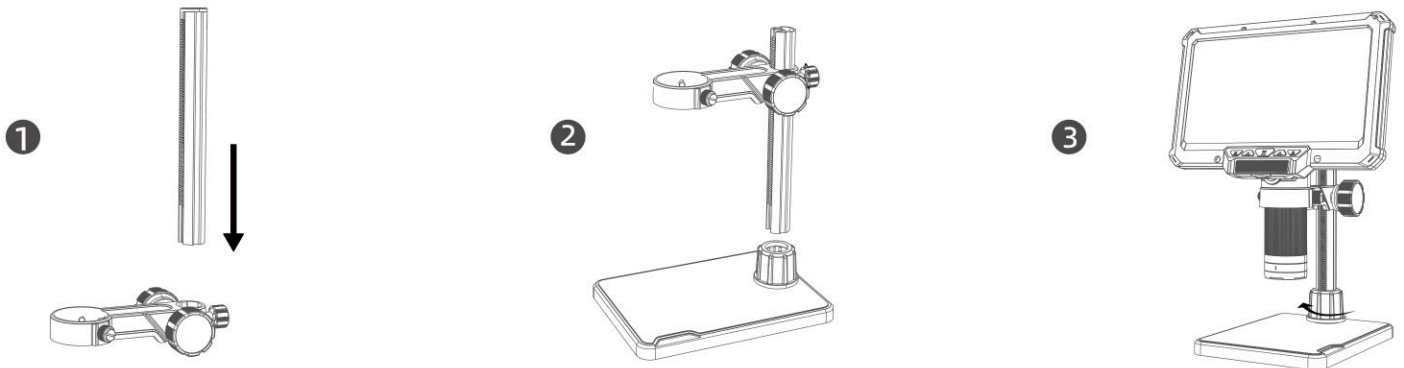
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Read Me First

- 1.Thank you for purchasing the MK7 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.

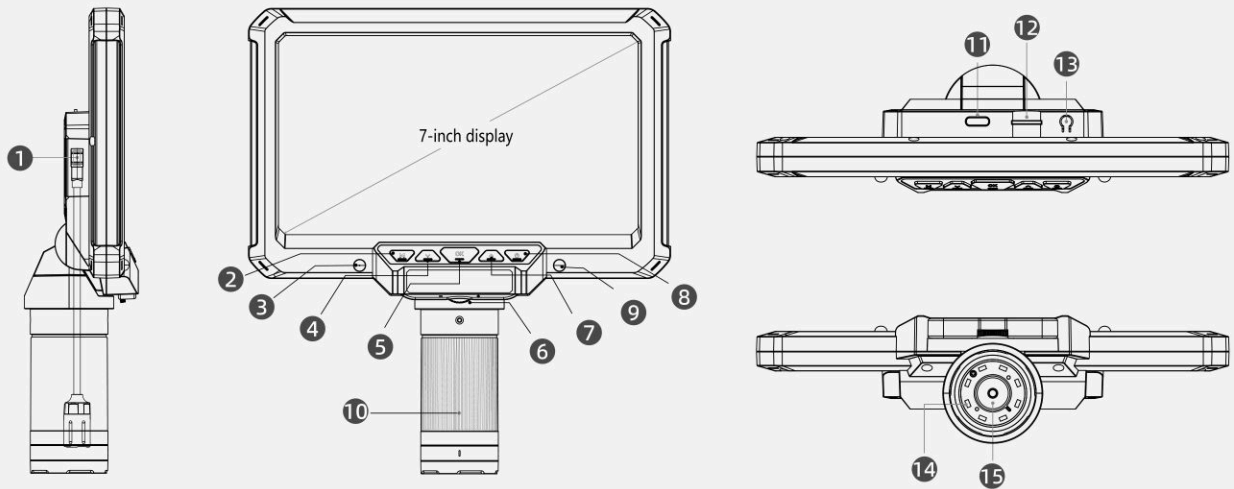
Microscope installation



Parts Description

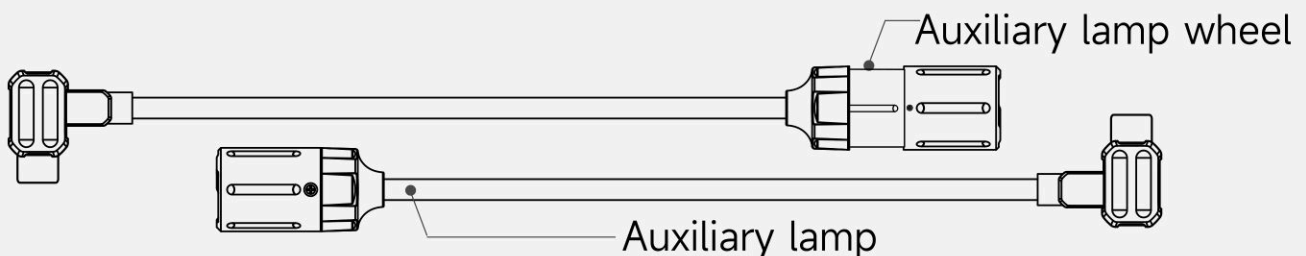
Standard items

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



- | | | |
|----------------------------|--------------------------|-------------------|
| ① Auxiliary lamp interface | ⑦ Up button | ⑬ Reset buttonLED |
| ② Menu button | ⑧ Power/Light button | ⑭ lights |
| ③ Indicator light | ⑨ Infrared receiver tube | ⑮ Lens |
| ④ Down button | ⑩ Focus wheel | |
| ⑤ OK button | ⑪ Type-C interface | |
| ⑥ Light wheel | ⑫ TF card slot | |

Optional items



Functions introduction

Display: 7-inch display screen.

Menu button: Long press this button to switch the Photo/Video/Playback mode .Short Press this button to enter the Menu settings and press again to exit the Menu .

Indicator Light:

- After powering on, the blue light is always on.
- When charging, the red light is always on;
- When fully charged, the green light is always on.

Up/down button:

Select key when entering Menu or Playback mode.

OK button:In settings, press to confirm the selection;

In Playback mode, view the video file and press to play the video.

Light wheel:Turn the knob to adjust the LED lights brightness.

Infrared receiver tube: Infrared Remote Control Receiver Tube (to be used in conjunction with the product's remote control).

Power/Light button:

Long press for 2 seconds to turn the microscope on/off:

-After the microscope is turned on, the LED lights is on by default, and auxiliary lamp is off.

Short press the Power/Light button to switch the light model successively:

- First press, LED lights turn off, and auxiliary lamp turn on;
- Second press, LED lights and auxiliary lamp simultaneously turn on;
- The third press, LED lights and auxiliary lamp simultaneously turn off.

Cyclic operations can be performed according to the actual situation.

Focus wheel: Rotate to focus the object and adjust slowly until the picture is clear.

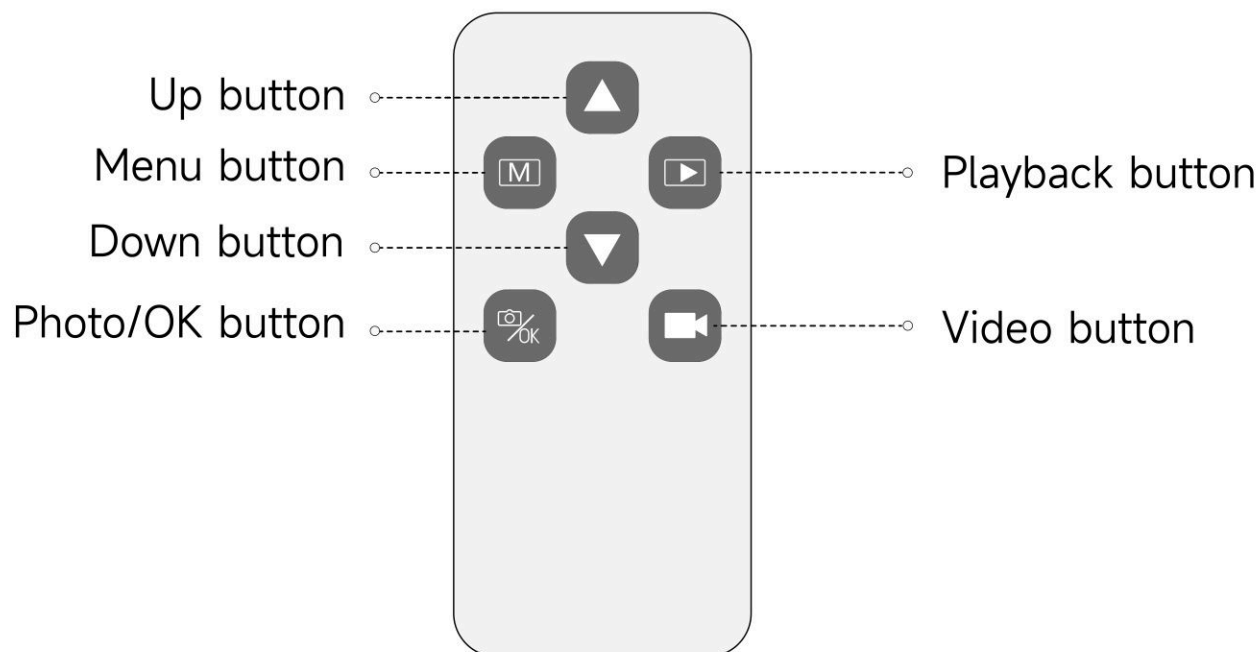
Type-C interface:Standard USB 2.0 interface,this interface supports charging and data transfer.

Reset button:When the microscope is abnormal, use a fine pointed object to cut this hole, which can be forced to shut down.

LED lights: When observing insufficient ambient light, fill light can be performed

Auxiliary lamp wheel: The wheel is used to adjust the auxiliary lamp to focus or astigmatism.

Functions Introduction of Remote Control



Remote control buttons description

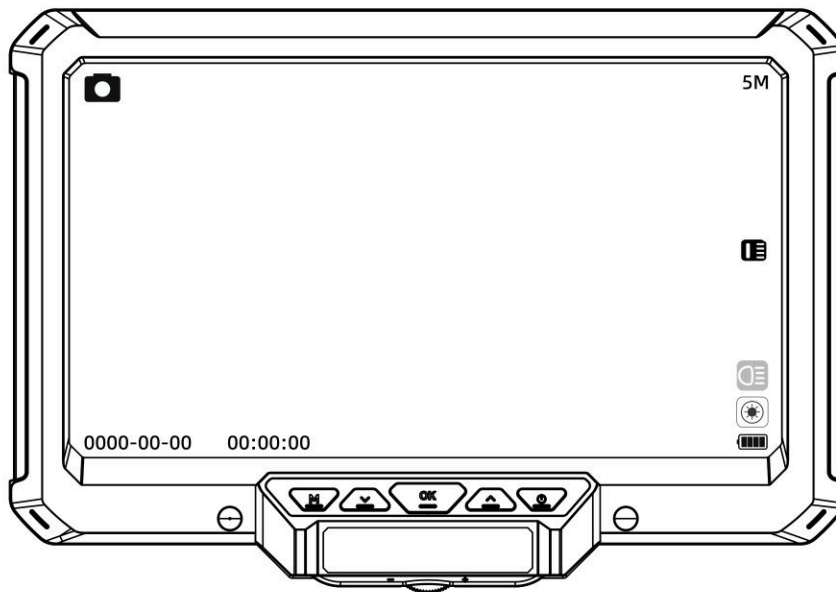
	Photo/OK button	In Photo mode, press to take pictures; In Video mode, Press this button to switch to photo mode; In Playback mode, view the video file and press to play the video. In Menu mode, press to confirm the selection.
	Video button	Video button: In Video mode, press to start/end recording.
	Playback button	Short press this button to enter playback mode and press it again to exit playback mode.
	Menu button	This is a menu key, short press to enter/exit the menu.
 	Up/Down button	In the menu interface, used as an up/down selection button.

Interface Introduction

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

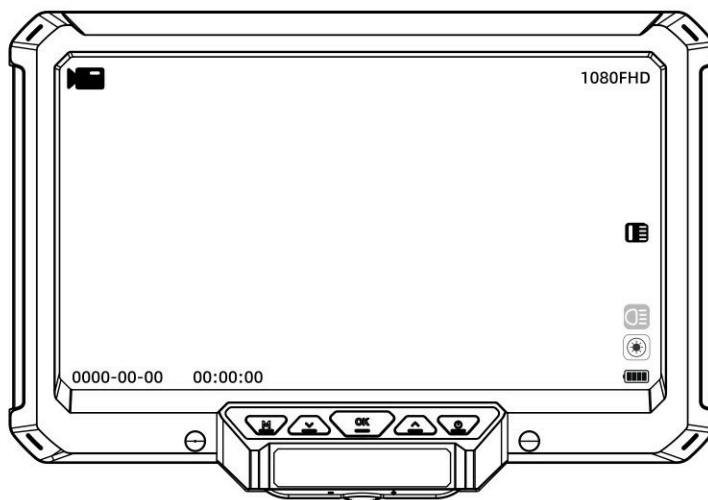
Photo mode

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



Video mode

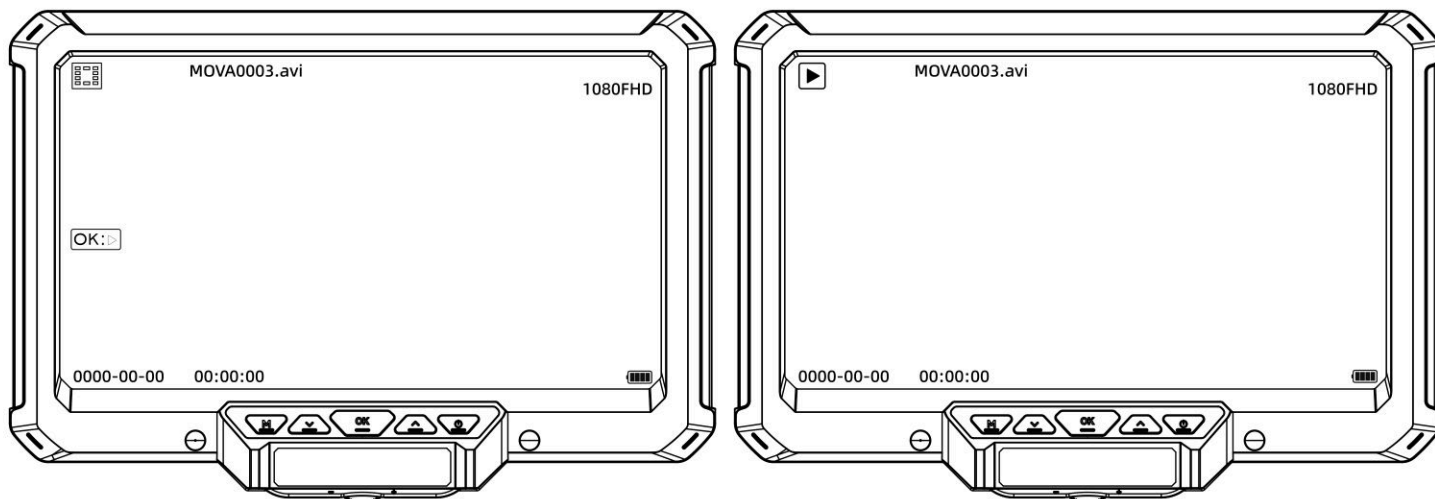
When the icon on the upper left corner of the microscope is"  it is in Video mode; When the microscope is on, long press the Menu button on the microscope, it can switch to Video mod.



Playback mode

When the icon in the upper left corner of the microscope is "  /  " it is in Playback mode; Up/Down button can be used to switch between files.

Enter the Playback mode to view pictures and video files,
view the pictures selected by pressing the OK button to view;
View the video by pressing the OK button for play / pause;
View the current picture /video file, you can press the Up/Down button to turn the page.



Menu interface

As shown in the figure, In photo/video mode, short press the Menu button "M" on the microscope to enter the menu interface.

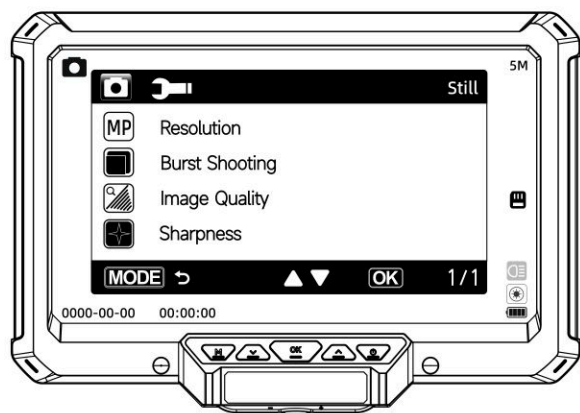
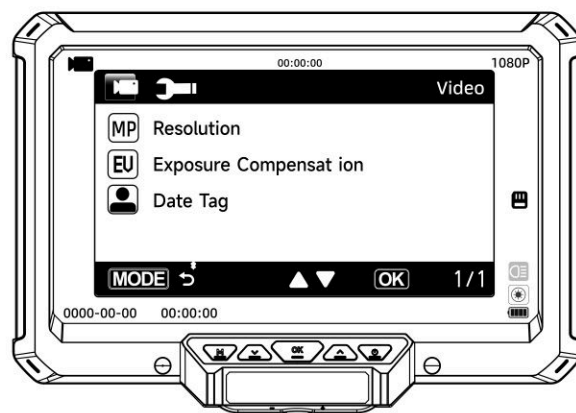


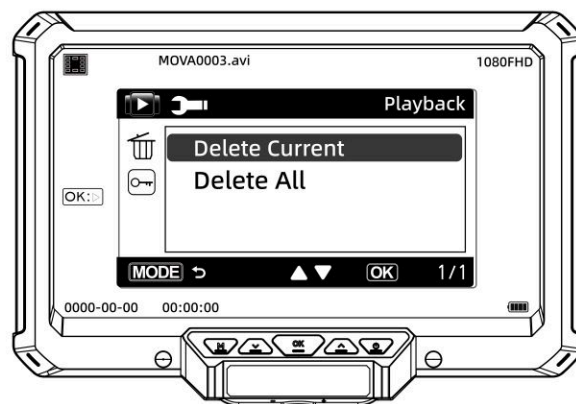
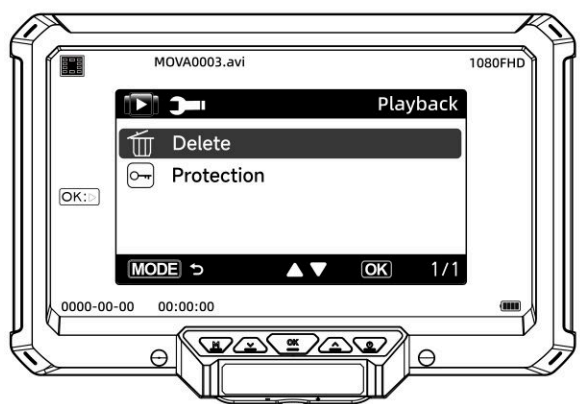
Photo mode "①"



Video mode "②"

Delete mode

Enter the Menu when viewing a file in Playback mode, as shown below (Delete/Lock).



Function introduction

Picture resolution: 2MHD、3M、5M、8M、10M、12M、16M

Video resolution: 720P、1080P、1080FHD

Burst Shooting: When this option is enabled, you can take 5 photos in a row.

Image Quality: High quality, Standard, Economic.

Sharpness: Intensive, Standard, Soft.

ISO: Auto, 100, and 200.

Exposure Compensation: There are 13 exposure compensation values from +2.0 to -2.0.

Date Tag: After selecting the date or date/time, photos and videos will have the date or date and time label.

Date/Time: Sets the date and format/time parameters.

Automatic shut-down: After setting the automatic shutdown time, the device can automatically shut down when no one operates.

Screen Protection: Select the appropriate time, so that the device will automatically extinguish the screen when no one operates.

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

Line Assist: Display and hide the "+" line in the photo and video interface.

Formatting: Format the memory card (This format the file in the memory card is an irreversible operation, please operate on demand)

Version: Check the current firmware version.

Default setting: Restore factory settings.

Work with PC

Software download

Download the applicable software

①Please download the software from: <http://www.hvscam.com/soft.asp> (Suitable for: Windows XP, Windows 7, Windows 8.1, Windows 10, Windows 11 and above).

 简体中文 |  English

-  HiViewSetup 1.4 for mac
Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions
-  HiViewSetup 1.4 for windows
Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions
-  Amcap v3.0.9 for windows
Support: W01 DM1 DM2 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions

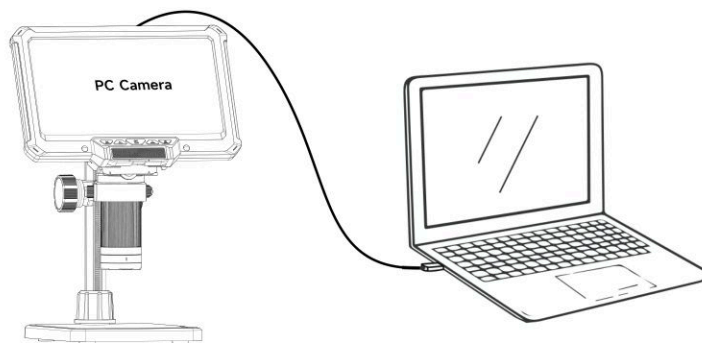
②For Windows, search for “HiView” in “Microsoft Store” () (Suitable for: Windows 8, Windows 10, Windows 11 and above), and you can also be viewed in Camera().

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

Operating steps

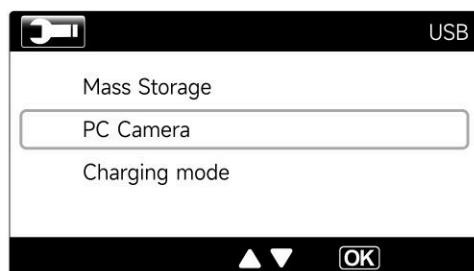
Step 1

Connect the computer to the microscope via the Type-C data cable



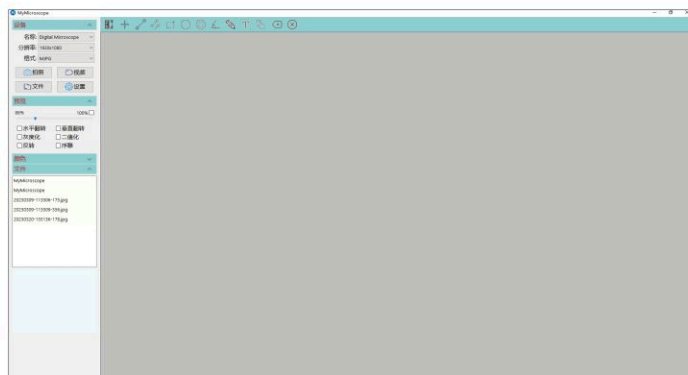
Step 2

When the microscope is powered on, a pop-up window appears. Select "PC Camera" mode



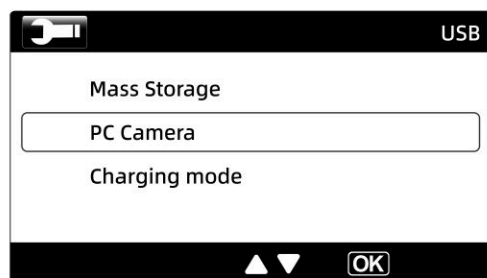
Step 3

When you open Hiview, you can view the image, and the photo/video file is automatically saved to the computer disk. (Note: When connecting the computer to view the image, please make sure that you are using a cable with data transmission function)



USB function introduction

After connecting the microscope to the computer through the Type-C cable, turned on the microscope (or connected to the computer in the startup state), and the microscope has Memory /PC Camera/Charging mode for users to choose.



①**Memory:** Enter the microscope memory from the computer side and view and process the pictures and video files in the current TF card, only Power button and Light wheel are available.

②**PC Camera:** After selecting this mode, you can get the image with larger magnification through the computer camera software, and only Power button, Light wheel and Focus wheel are available.

③**Charging mode:** When the microscope power is insufficient, it can be charged and used at the same time.

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

Specifications

Item	Specifications
Product name	MK7
Display screen	7-inch
CMOS size	1/4inch
Picture resolution	2MHD、3M、5M、8M、10M、12M、16M
Video resolution	720P、1080P、1080FHD
Picture format	JPG
Video format	AVI
Light source	8 LED lights (brightness adjustable)
PC operating system	Windows XP, Win7, Win8, Win10 or above, Mac OS X 12 or above
Supported language	12 languages (English, Simplified Chinese, Japanese, French, German, Dutch, Russian, Korean,Italian, Portuguese, Spanish, Arabic)
Interface and signal transmission mode	Type-C
Working current	620mA
Power dissipation	2.6W