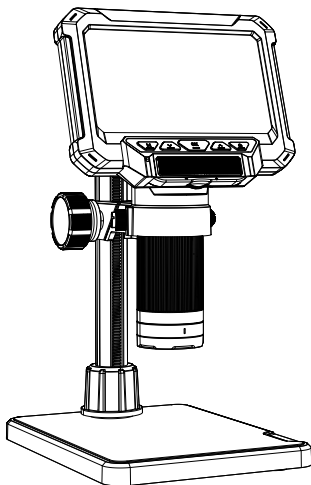


4.3-inch Digital Microscope

Mode: MK5



User Manual V1.0

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

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Read Me First

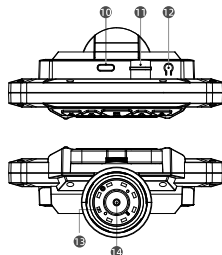
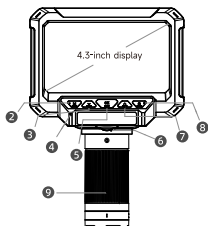
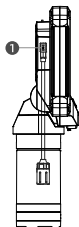
- Thank you for purchasing the MK5 digital microscope.
- Please read this user manual carefully and keep it for future reference.
- Pay attention to protect the lens part.
- The microscope can be used in hand or inserted as a desktop with attention to avoid damage to the components.
- When placing items , place them directly below the center of the lens as much as possible. Avoid not seeing objects clearly and bringing about a bad experience.

1.Parts Description

Parts description

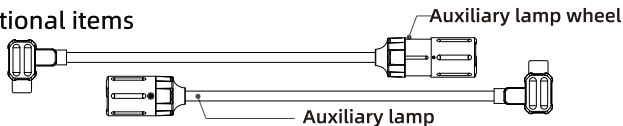
Notice:The picture is for reference only, please refer to the actual object.

Standard items

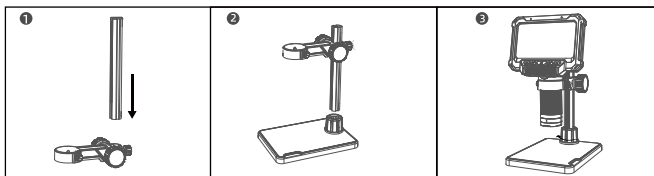


- | | | |
|----------------------------|----------------------|--------------|
| ① Auxiliary lamp interface | ⑦ Up button | ⑬ LED lights |
| ② Menu button | ⑧ Power/Light button | ⑭ Lens |
| ③ Down button | ⑨ Focus wheel | |
| ④ Indicator light | ⑩ Type-C interface | |
| ⑤ OK button | ⑪ TF card slot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

Optional items



Microscope installation



Functions introduction

Display: 4.3-inch display screen.

Indicator light:

Red charging indicator: Lights up during charging and turns off when fully charged.

Green full charge indicator: Remains off during charging and lights up when fully charged.

Blue operation indicator: Stays on when the device is powered on and turns off when powered down.

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 .

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

TF card slot: Supports up to 32G memory card. (Note: Please choose C10 high-speed card)

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.) 

Press the Power/Light button to switch successively:

- LED lights off  , auxiliary lamp on; 
- LED lights and auxiliary lamp simultaneously turn on;  
- LED lights and auxiliary lamp simultaneously turn off.  

Cyclic operations can be performed according to the actual situation.

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

Auxiliary lamp interface: Can be connected auxiliary lamp.

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

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

In Photo mode, press to take pictures; In Video mode, press to start/end recording; In Playback mode, view the video file and press to play the video.

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

Up/down button: Select key when entering Menu or Playback mode. Digital zoom in/out while in Photo/Video mode.

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

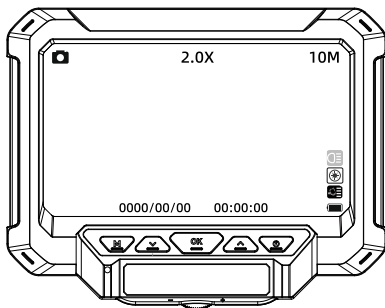
Auxiliary lamp wheel: The wheel is used to adjust the auxiliary lamp to focus or astigmatism

2.Interface Introduction

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

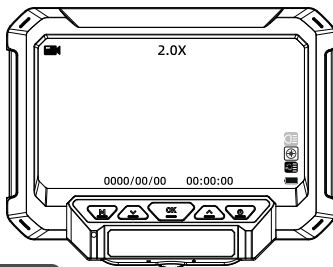
Photo mode

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

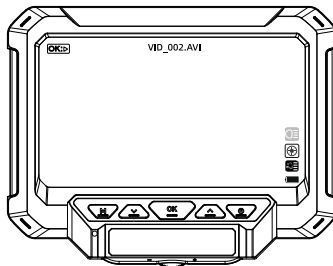
When the icon on the upper left corner of the microscope is "📹" it is in Video mode; When the microscope is on, long press the Menu button on the microscope, it can switch to Video mod



Playback mode

When the icon in the upper left corner of the microscope is "OK▶" 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.

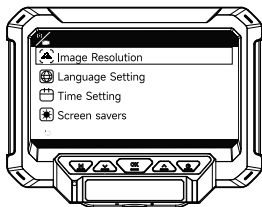


Photo mode "①"

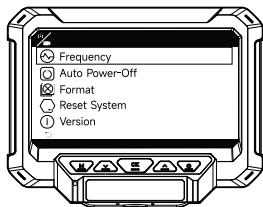
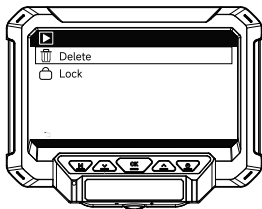


Photo mode "②"

Delete mode

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



Function introduction

Image resolution: 1M、2M、5M、10M

Video resolution: VGA 、 720P、 1080P

Screen savers: Select the screen saver time, automatically extinguish the screen within the specified time, short press any key to wake up the screen; Screen saver is not required. Select"Off"

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

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

Delete:When viewing a single picture or video in Playback mode, short press the menu key, you can choose to delete the files in the TF card (Delete This/Delete All).

Language Setting:Set languages (English, Traditional Chinese, Simplified Chinese, Japanese, French, German, Korean,Italian, Portuguese, Spanish, Polish)

Version: Check the current firmware version.

Reset system: Restore factory settings.

3.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

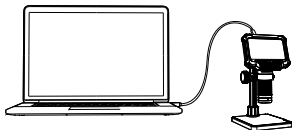
②For Windows, search for “HiView” in “Microsoft Store” () (Suitable for: Windows 8, Windows 10, Windows 11 and above), and you can also be viewed in Camera() .

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

Operating steps

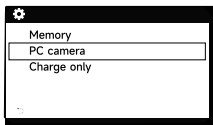
Step 1:

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



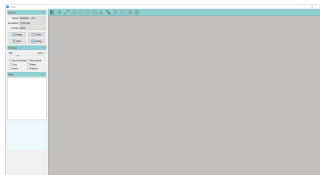
Step 2:

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



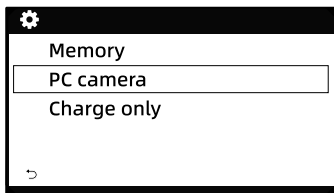
Step 3:

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)

4. Specifications

Item	Specifications
Product name	MK5
Display screen	4.3-inch
CMOS size	1/6.5inch
Picture resolution	1M、2M、5M、10M
Video resolution	VGA、720P、1080P
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	11 languages (English, Traditional Chinese, Simplified Chinese, Japanese, French, German, Korean, Italian, Portuguese, Spanish, Polish)
Interface and signal transmission mode	Type-C
Working current	380mA
Power dissipation	1.6W