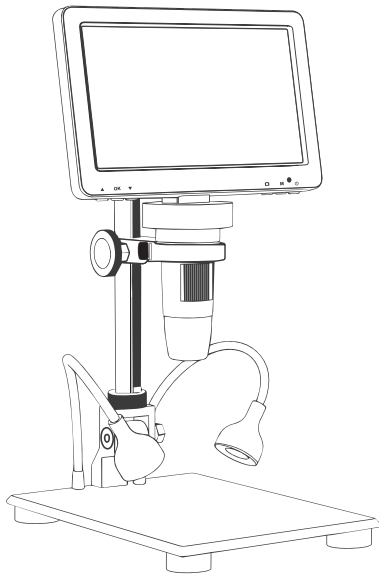


Digital Microscope

Model: DM9-H



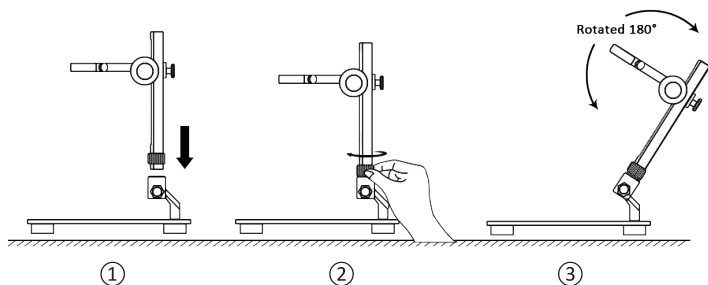
User Manual

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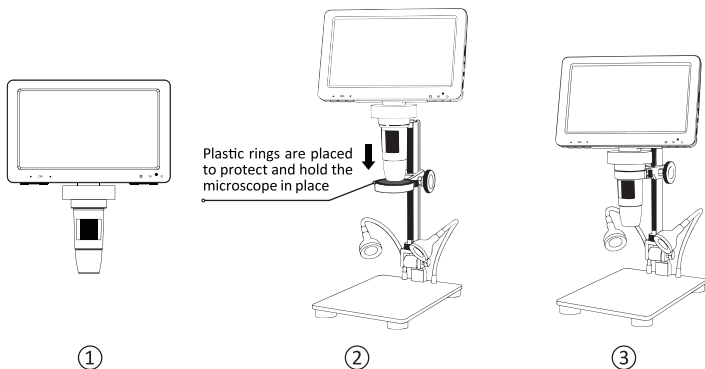
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1. Installation

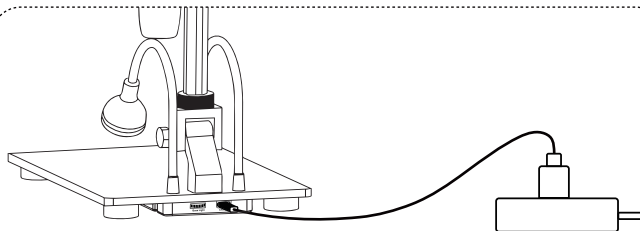
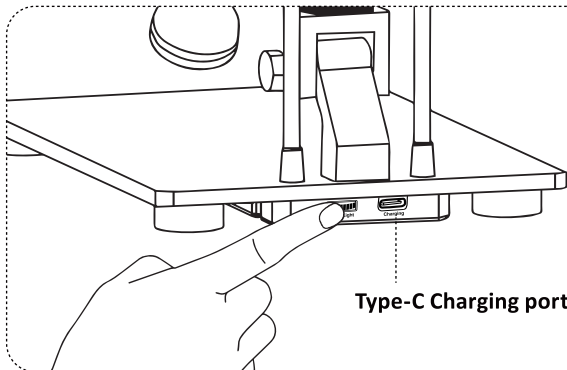
● Bracket installation



● Microscope installation



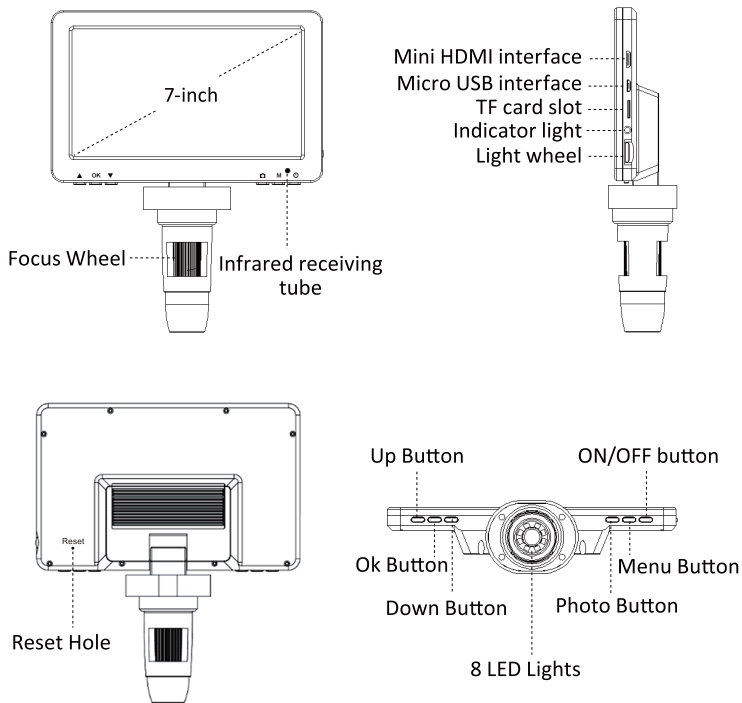
● Turn on auxiliary lights



Notice: The stand comes with a rechargeable battery, which can be charged by connecting to a computer, power bank or a socket through the Type-C charging interface

2. Parts and Functions

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



● Functions introduction

Focus wheel: Rotate this wheel to focus in photo and video mode.

Infrared receiving tube: Receive infrared signal of remote control.

Up/Down button: When entering the Menu or reading a file, use this button to switch between different options.

OK button: In Photo mode, short press to take pictures; In Video mode, this button is the start and end of video; In Menu mode, press this button to confirm.

Photo button: In Photo mode, short press to take pictures.

Menu button: In working condition, press Menu to enter and exit menu settings; Long press Menu to switch between Photo, Video and Playback.

ON/OFF button: Long press 3s to turn on /off DM9-H.

LED light: LED light brightness can be adjusted by turning the light wheel.

Mini HDMI interface: High-Definition Multimedia Interface.

Micro USB interface: Standard USB 2.0 interface, support charging and data transfer.

TF card slot: Supports a maximum of 32GB (please select C10) .

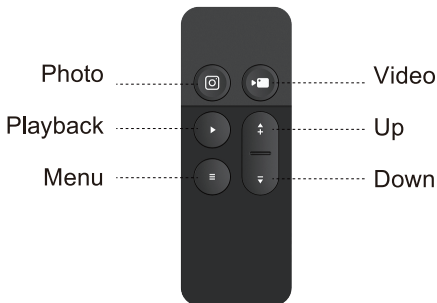
Indicator light: Blue working indicator light is steady on after starting, and off after shutting down; The red indicator is steady on when the device is charged; When the battery is fully charged, the red light is off and the green light is steady on.

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

Reset hole: If the device is abnormal, you can forcibly shut down the device by poking the hole with a thin object.

3. Function Introduction of Remote Control

● Remote control buttons



● Remote control buttons description

Photo: In working condition, press this key to switch to the Photo mode, press again to take a picture. In Playback mode, press this key to confirm the selection.

Playback: In working condition, press this key to switch to the Playback mode, In this mode, you can see photos and videos taken. Press again to exit playback mode.

Menu: Press to enter the menu settings.

Video: In working condition, press this key to switch to the video mode, press again to record and third time press to end record.

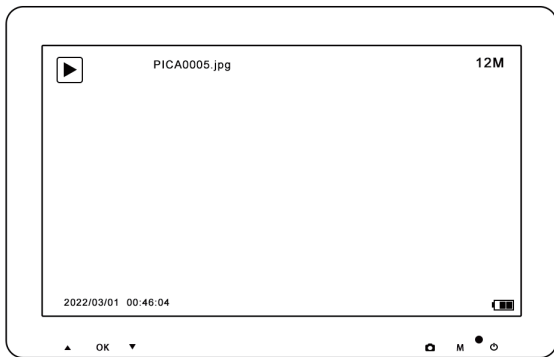
Up/Down: In Menu or Playback mode, press this key to switch options.

4. Interface Introduction

⚠ *Notice: If you need to take pictures or videos, please insert the TF card first*

● Playback mode

In working condition, switch between the **Photo/Video/Playback mode** by long pressing **Menu** button.



As shown in the fig, the stored information includes photos and videos, which can be switched between different photos and videos through the **Up/Down** button, and video can be played and paused by pressing **Photo** button.

● Menu interface

Press Menu to enter the menu interface, as shown in the fig,



Enter the setting interface in the **Photo** mode, you can modify pictures' parameters and general settings; Similarly, if you want to modify the video parameters, please enter the setting interface in the **Video** mode. After setting, short press the **Menu** button to exit the setting interface.

● Function introduction

Video Resolution: 1080FHD, 720P.

Photo Resolution: 16M, 12M, 10M, 8M, 5M, 3M, 2MHD, 1.3M, VGA.

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.

Delete/Protection: In **Playback** mode, press **Menu** to enter Delete/Protection mode, you can choose to delete or protect the selected content, you can also choose to delete all or protect all, you can also unprotect.

Playback Mode: Long press **Menu** button on the device or the **Playback** button on the remote control to reach Playback mode and view the photos or videos you have taken.

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

Formatting: Formats the memory.

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.

Light Source Frequency: Mains frequency setting.

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


Default Setting: Restore factory Settings.

Version: View the version of the current software.

5. Work with PC

● Software download


Download the applicable software


- ① For Windows 8, Windows 10 or higher system, search "**hiView**"() in the Microsoft Store to download it.
- ② For Windows 7 and Windows XP, download the software from the website: ***<http://soft.hvscam.com>***

 简体中文 |  English


 HiViewSetup1.4 for mac

Support:S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5

 Click to read the instructions


 HiViewSetup1.4 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

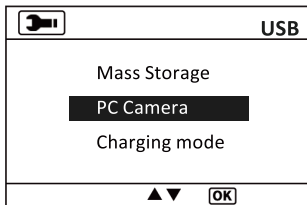
 Click to read the instructions

- ③ For Mac OS X 10.5 or higher system, search "**hiView**" in the APP Store to download it.

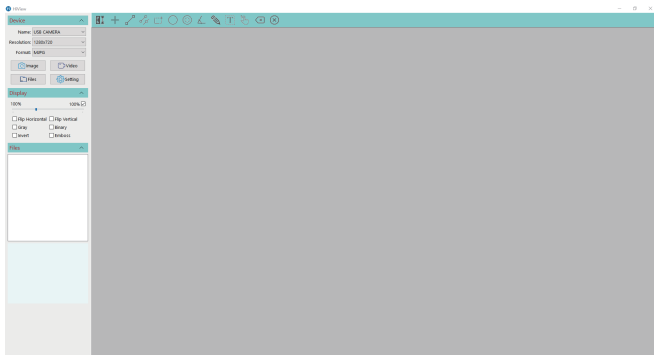
● Operating steps

Step 1. Connect the microscope to the computer via a USB cable.

Step 2. Select "PC Camera" on DM9-H.

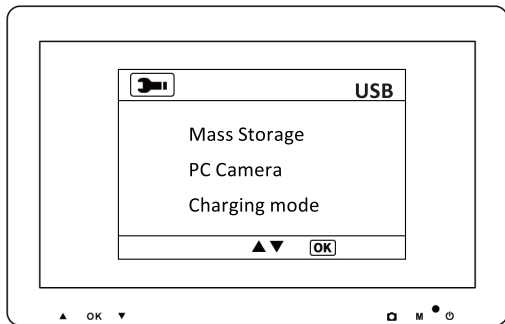


Step 3. Run hiView, then you can click Photo or Video on your computer to take photos and videos, which will be saved on your computer disk.



● Function select

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



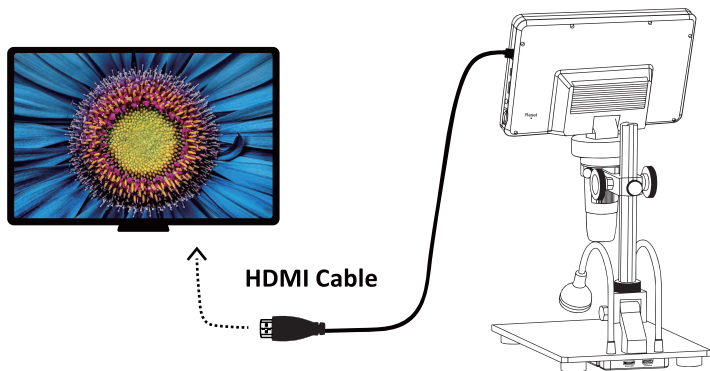
● Function introduction

- ① **Mass Storage:** Enter the device memory on the PC, and you can view and process the photos and video files inside. At this time, only **ON/OFF** and **Light Wheel** on DM9-H are available.
- ② **PC Camera:** only **ON/OFF** and **Light Wheel** on DM9-H are available at this time. Open the software hiView on the PC to display the image.
- ③ **Charging mode:** DM9-H enters the charging state, and the equipment can be operated normally if necessary.

6. Working with TV

● Operating steps

Step 1. Connect DM9-H to the TV via a HDMI cable



Step 2. Power on the DM9-H, then you'll see a image on TV, press the video and photo buttons on the remote control to take photos and videos, which will be saved in the memory card

7. Specifications

Item	Specifications
Product Name	DM9-H
Video Maximum Pixel	1080FHD
Lens Optic Size	1/2.8"
Photo Resolution	16M, 12M,10M, 8M, 5M, 3M, 2MHD, 1.3M, VGA
Video Resolution	1080FHD, 720P
Video Format	AVI
Focus Mode	Manual
Picture Format	JPG
Illuminant	8 LED lights (brightness adjustable)
Focusing Range	10~40mm (can watch distant view)
PC Resolution and Image Transfer Rate	1280*720 / 25fps
White Balance	Auto
Exposure	Auto
Lens Construction	5H+IR
PC Operating System	Windows Xp, Win7, Win8.1, Win10, Mac OS x 10.5 or higher

Item	Specifications
Aperture	F4.5
Lens Angle	16°
Interface and Signal Transmission Mode	Micro / USB 2.0
Operating Temperature	-20°C ~ +55°C
Operating Humidity	30%~85%RH
Working Current	600mA
Power Dissipation	3W
Language	Simplified Chinese, Traditional Chinese, Japanese, English, Korean, French, German, Italian, Polish, Russian, Portuguese, Spanish

8. Warning

*Please do not place the microscope in direct sunlight to avoid equipment failure.

*Please do not place the microscope near heat or fire sources, such as electric ovens, microwave ovens, stoves and other environments that may generate high temperatures.

*Please do not modify the battery, insert foreign objects, immerse in water or other liquids to avoid overheating, fire or explosion.

9. 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: What is on the mini DVD?

A: The CD include the software for PC camera ,use this software you can connect to your PC or laptop and view on bigger monitor.

Q: Can I see the whole coin?

A: Yes,of course, not only has the ability to connect to HDMI devices been upgraded, but the height of the stand has also been upgraded so that you can see the entire coin.

Q: Can the microscope be connected to cell phone?

A: No,this microscope is not compatible with cell phone.

Q: Can it connect to a computer for bigger view?

A: Yes, it supports not only connecting to your computer, but also to your TV.

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: How do I turn the bracket light on?

A: The light of DM9-H stand has a separate function. At the rear of the base, there is a wheel for adjusting the light. The light of the stand can be switched on and off by adjusting it here.

Q: Do the lights on the stand need to be charged separately?

A: Yes, the lights on the stand need to be charged separately, the stand comes with a rechargeable battery, which can be charged by connecting to a computer, power bank or a socket through the Type-C charging interface.

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.